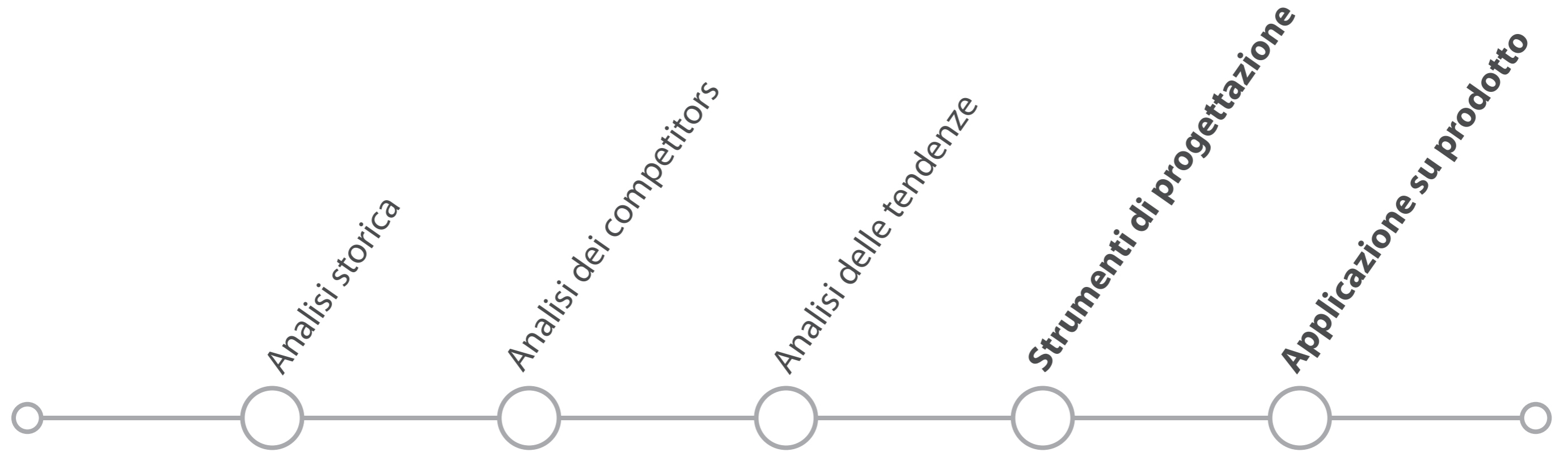
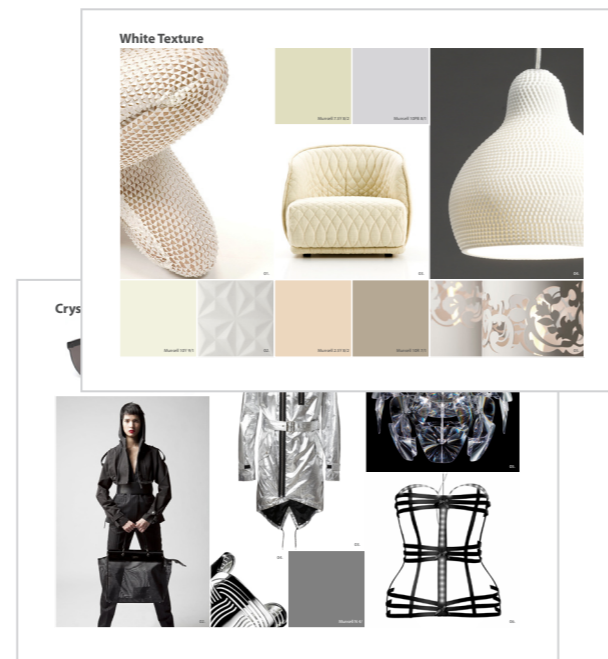


Color Design: Steps and Tools

Color Design_STEPS and TOOLS



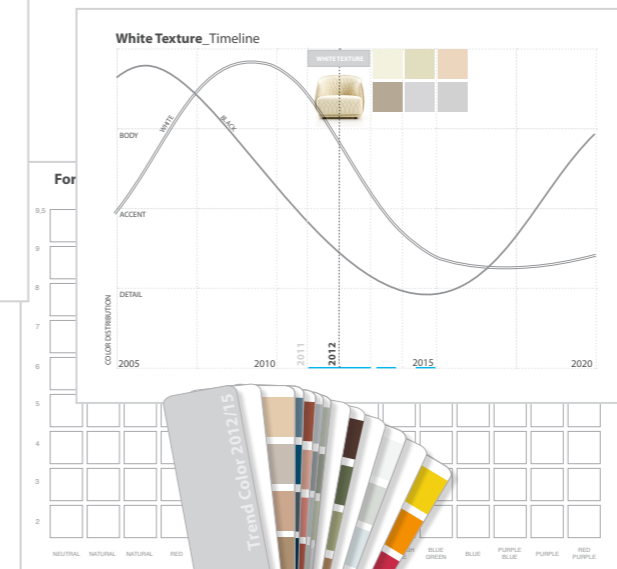
Scenari



Timeline

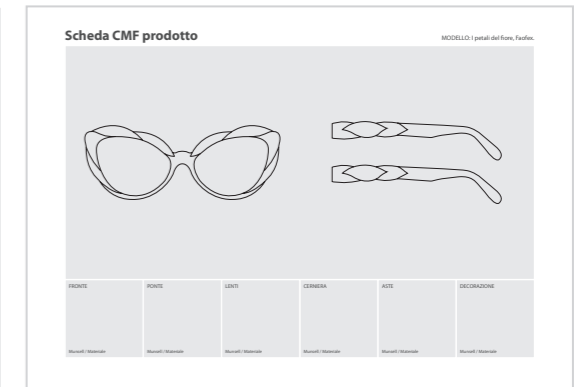
Matrici

Cartelle Colori



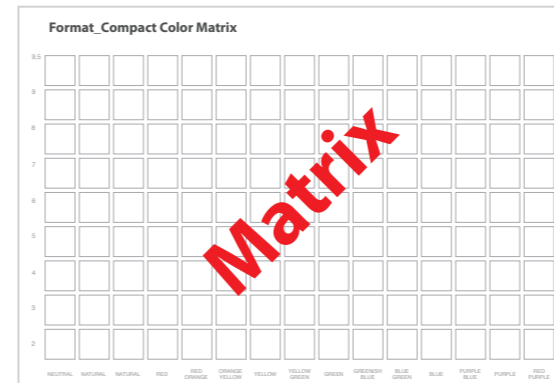
Schede

Prodotto

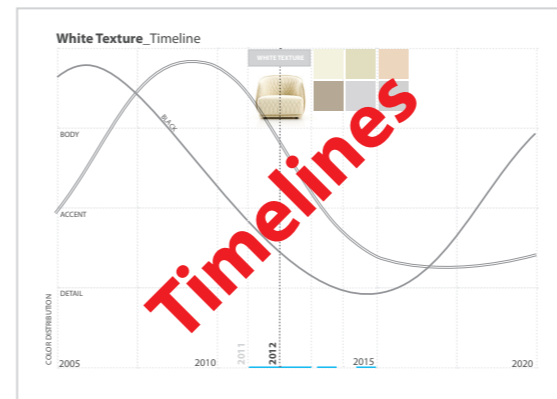


Desire_STRUMENTI DI PROGETTAZIONE DEL COLORE

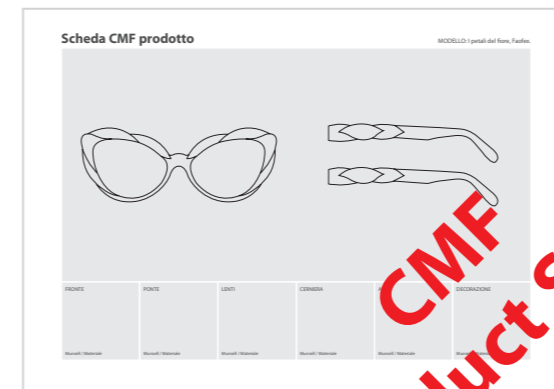
OTTIMIZZARE IL NUMERO DI COLORI
Matrice



AGGIORNARE I COLORI
Timeline
Cartelle Colore



APPLICAZIONE SU PRODOTTO
Scheda CMF Schede



CMF
Product Sheet

Codifica del colore_Munsell



Codifica del Colore

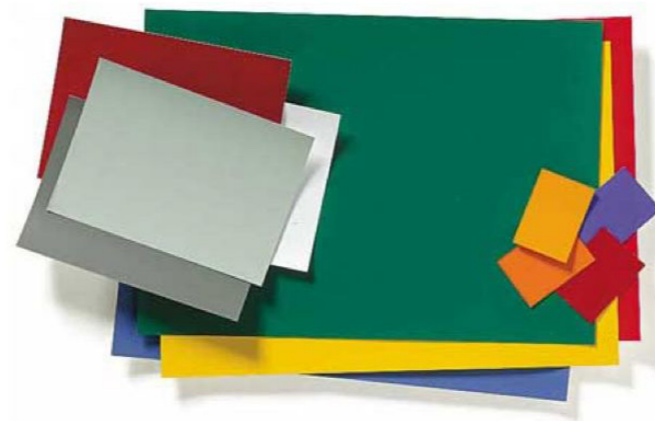
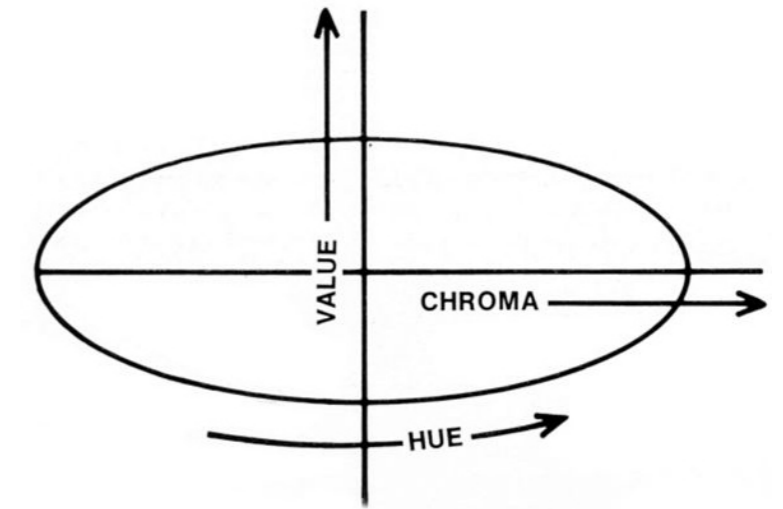
Le tre coordinate del colore

Tinta Chiarezza Saturazione

Codificare - Comunicare il Colore - Color Tools

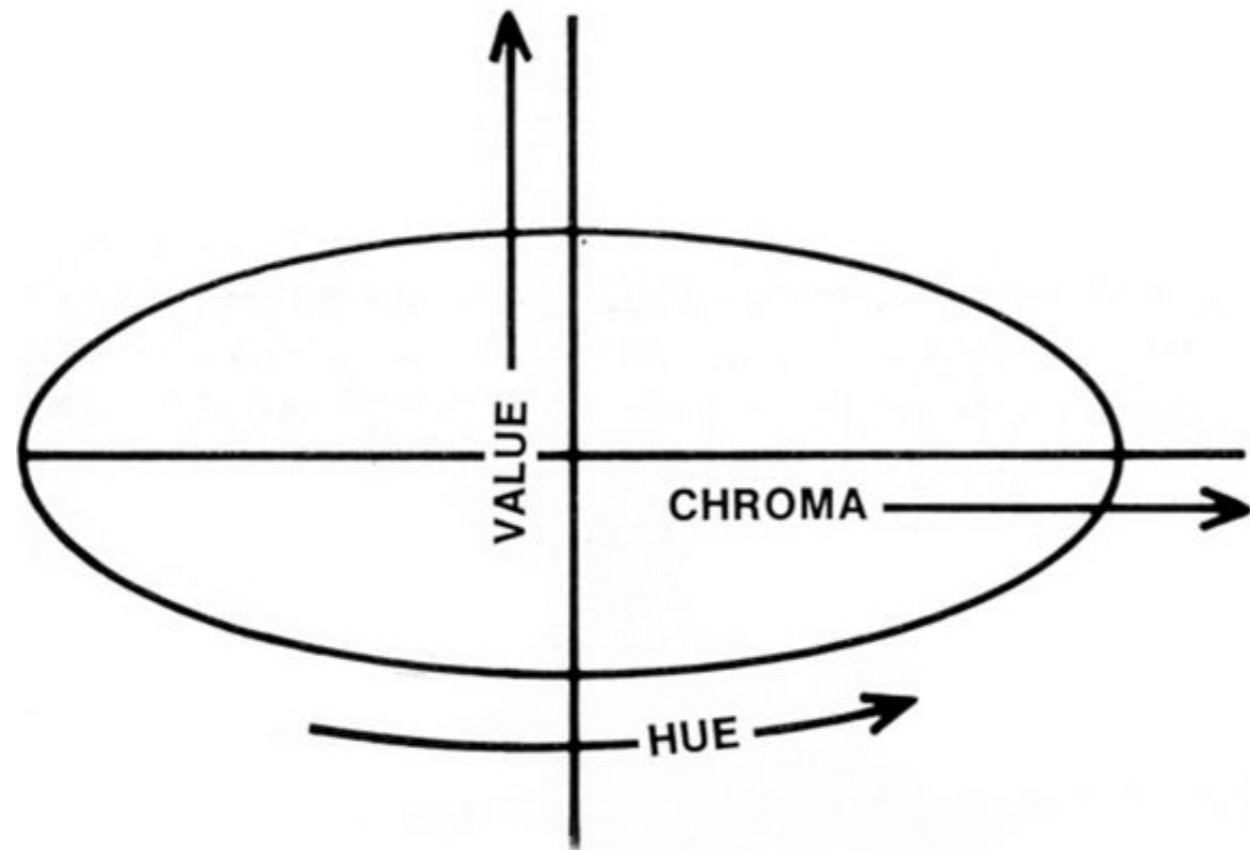
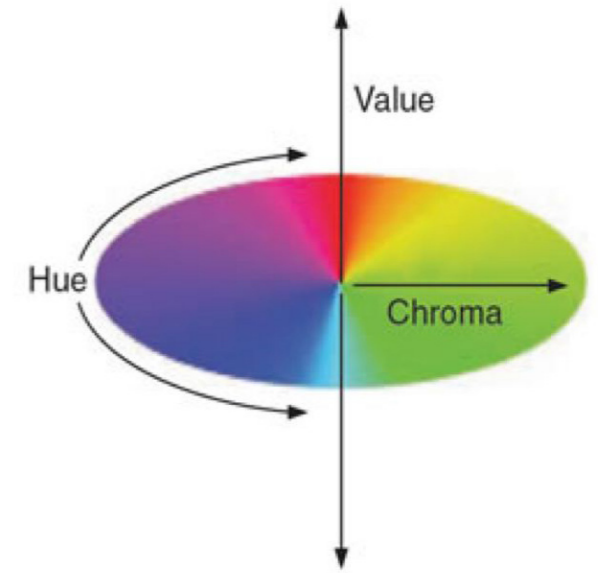
Munsell Color Atlas

NCS Natural Color System



Tinta_Chiarezza_Saturazione

Le tre coordinate del colore.



Tinta_Hue



Tinta_Hue

La tinta corrisponde alla lunghezza d'onda della luce riflessa da una superficie.

Nella sequenza di colori della scomposizione della luce la tinta è quel attributo del colore che ci consente di identificare e differenziare il giallo, dal rosso, dal blu...



Tinta_Hue

I termini Tinta e Colore non sono sinonimi!!!

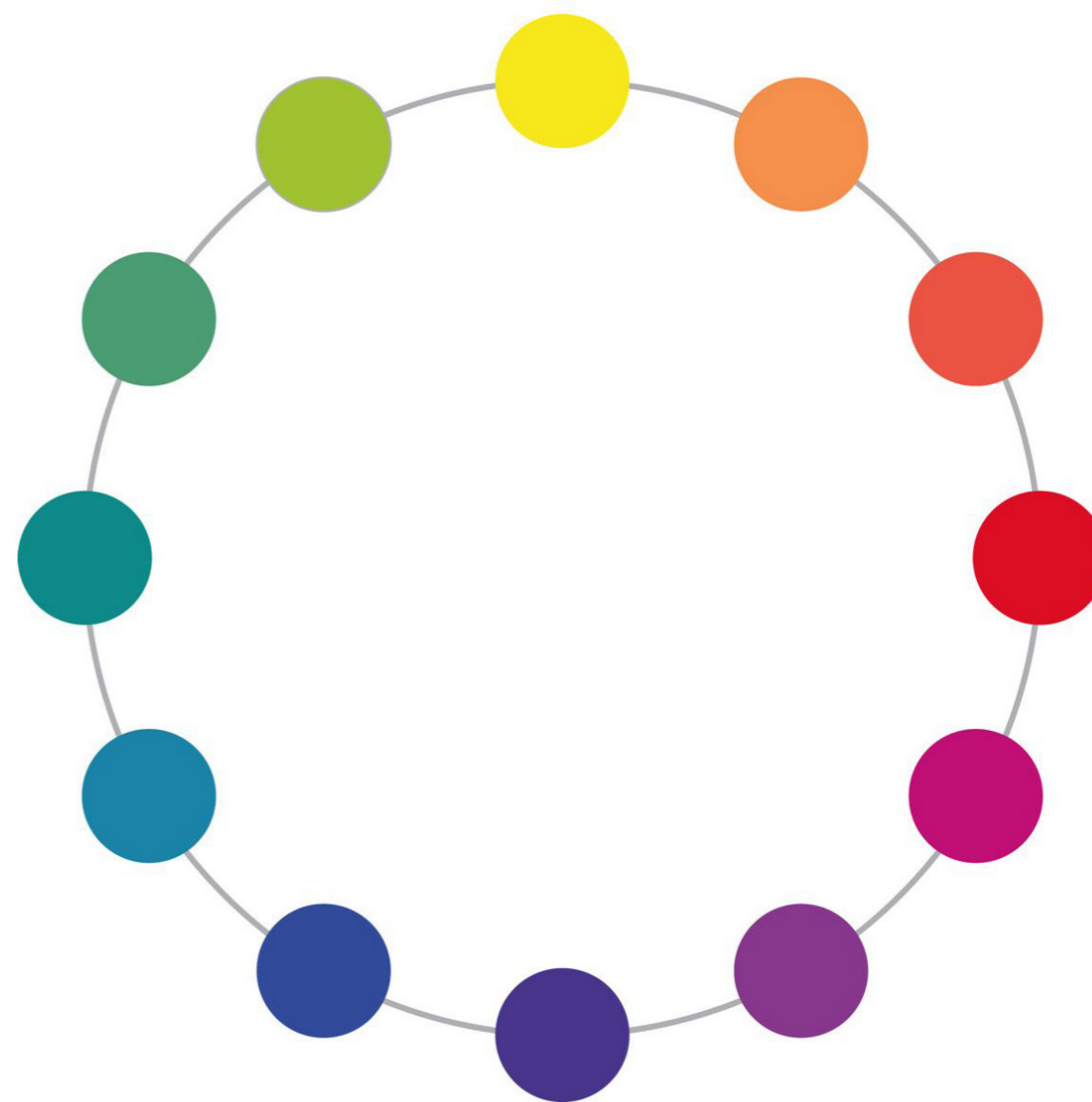
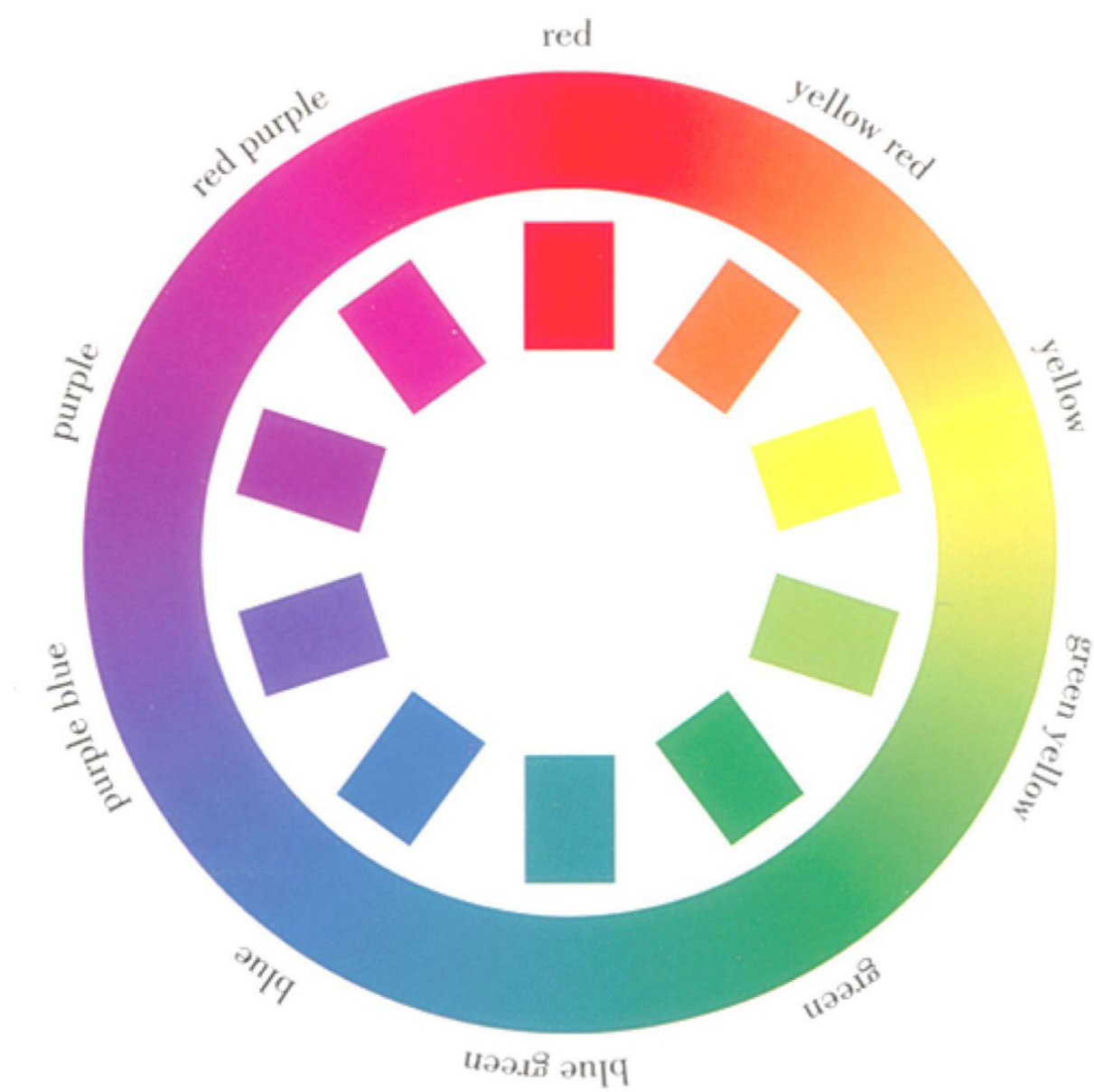
La tinta è uno degli attributi che identifica un colore.

Colori che appartengono a tinte differenti:



Tinta_Hue

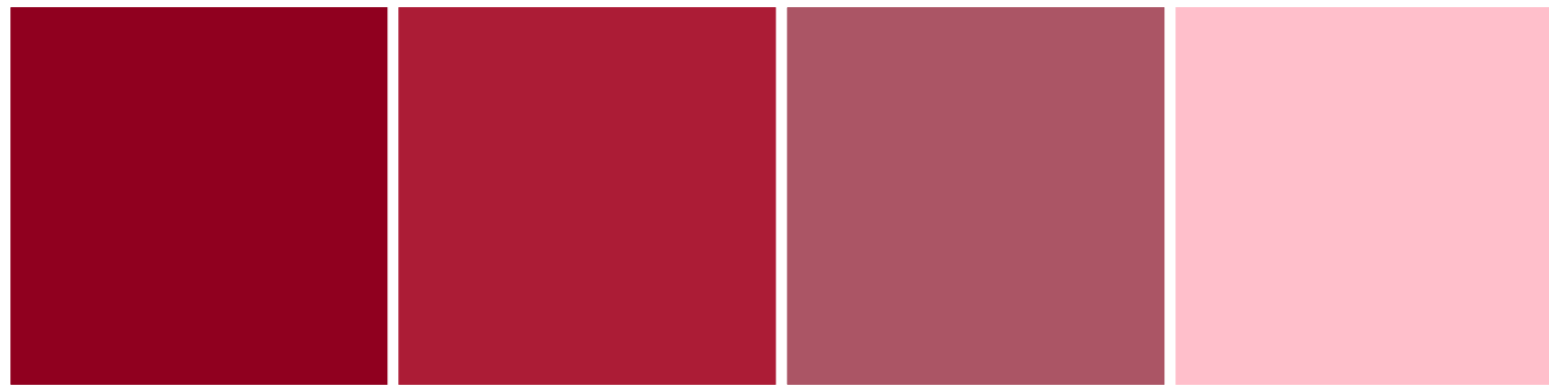
Le tinte sono ordinate in un **cerchio cromatico**.



Tinta_Hue

Colori diversi - **Stessa tinta**

Tinta: ROSSO



Tinta_Hue

Colori diversi - **Tinte diverse**

rosso, arancio, giallo, verde



Chiarezza_Value



Chiarezza_Value

Colori in scala di chiarezza



É la qualità del colore che ci consente di differenziare un colore chiaro da uno scuro.
La chiarezza dipende dalla quantità di luce riflessa dalla sua superficie.
Il bianco è il colore più chiaro - perché riflette teoricamente il 100%.

Chiarezza_Value

La scala di chiarezza più importante è l'asse dei Grigi - chiamata anche Scala Acromatica.

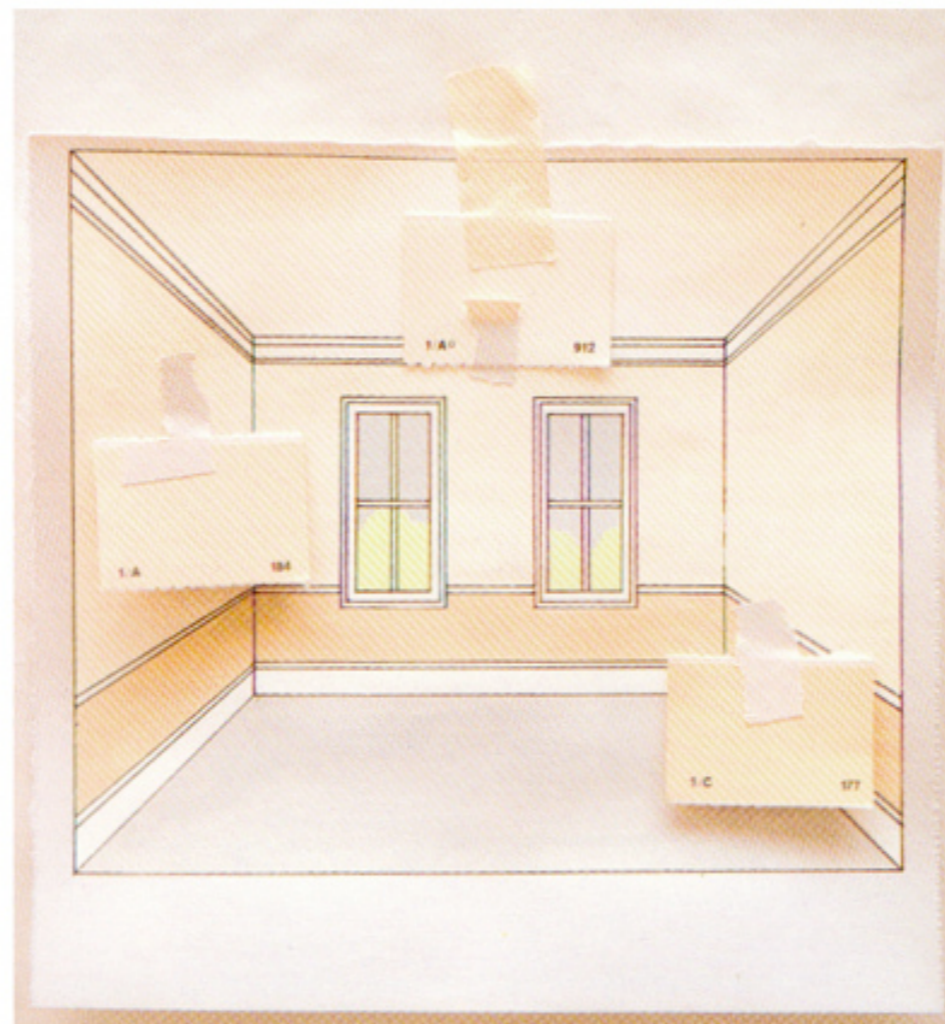
La scala dei grigi è rappresentata in verticale.



Chiarezza_Value

La chiarezza è un valore molto importante per l'equilibrio visivo di un prodotto e la luminosità di un ambiente.

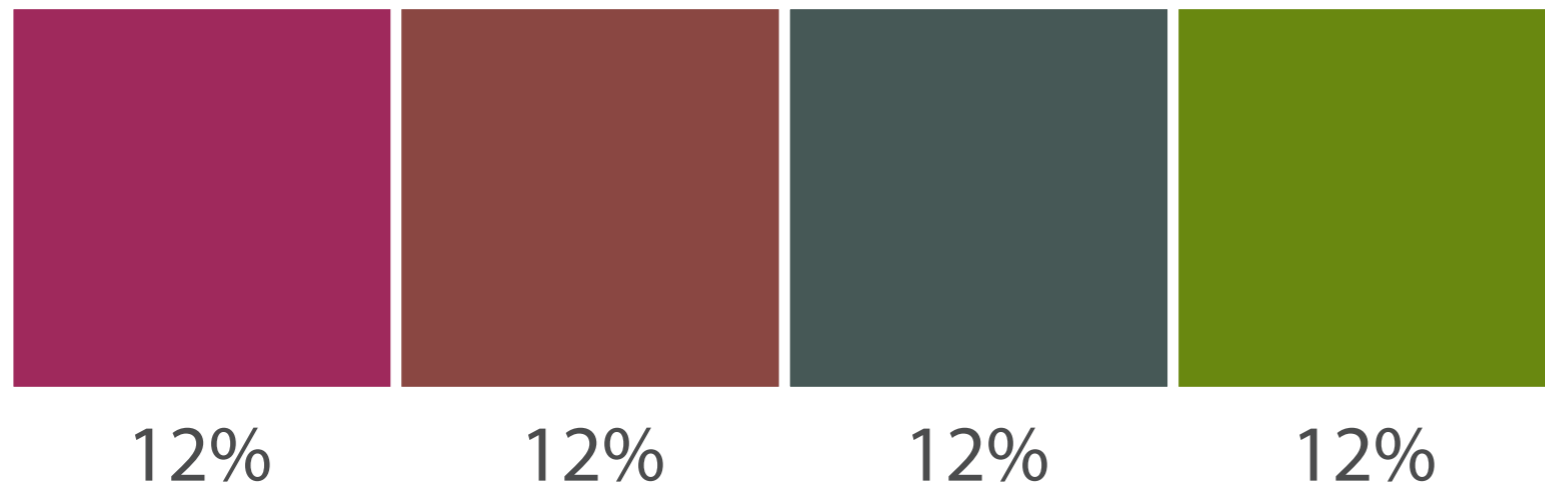
La chiarezza è in molti casi, l'unico valore indicato dalle normative



Chiarezza_Value

Colori diversi - **Stessa chiarezza**

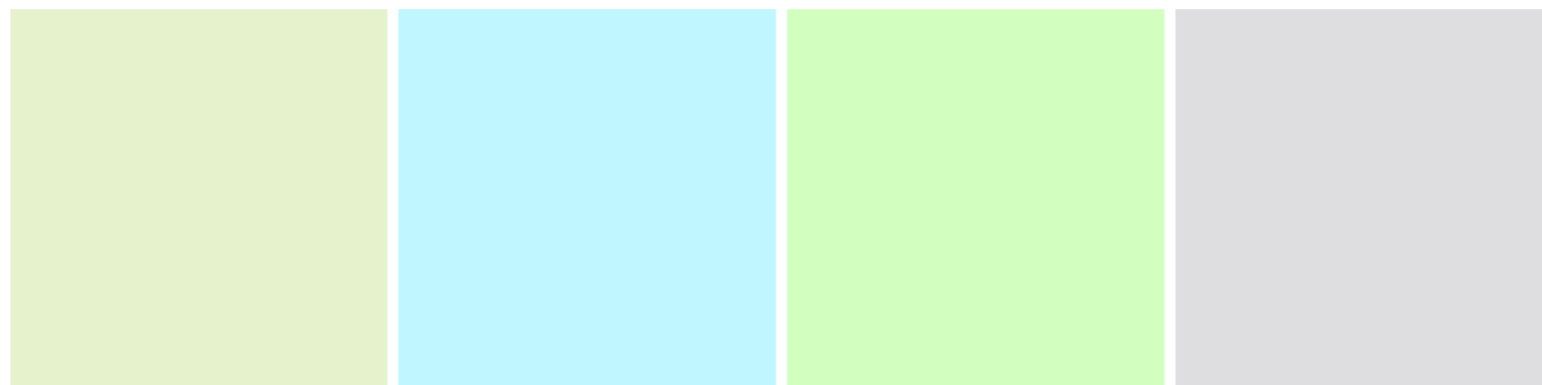
12% - luce riflessa dalla superficie colorata.



Chiarezza_Value

Colori diversi - **Stessa chiarezza**

90% - luce riflessa dalla superficie colorata.



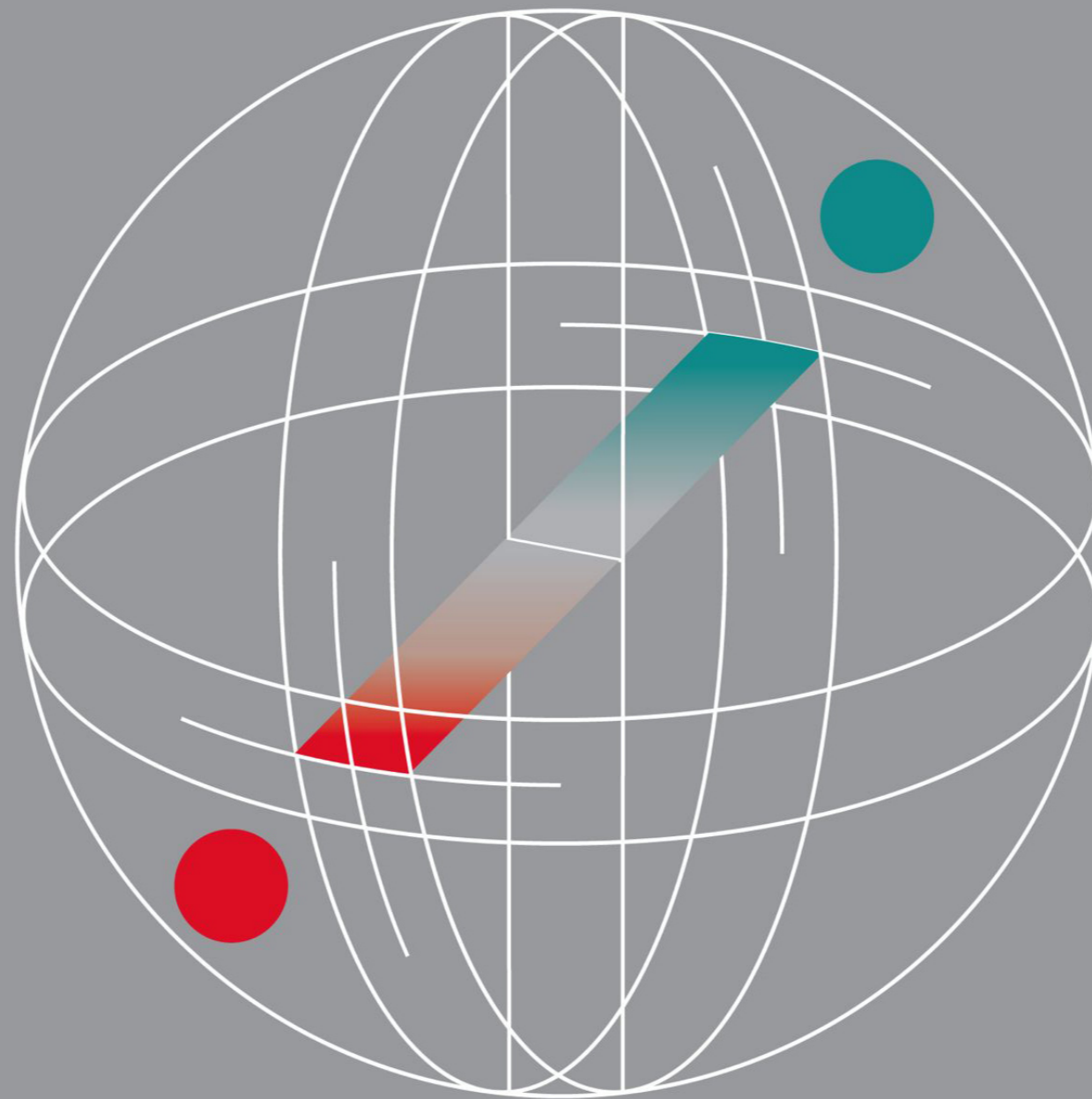
90%

90%

90%

90%

Saturazione_Chroma



Saturazione_Chroma

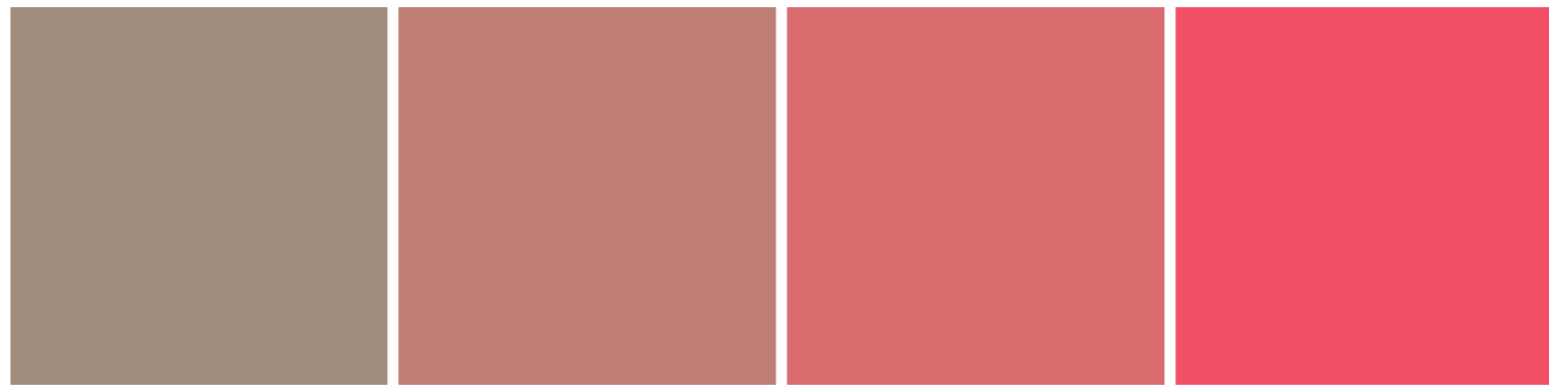
La saturazione determina la forza o l'intensità del colore.



La saturazione dipende dalla quantità di grigio contenuta in un colore.
Un colore con la massima saturazione non contiene grigio.
Aggiungendo grigio (o bianco o nero) il colore si desatura.

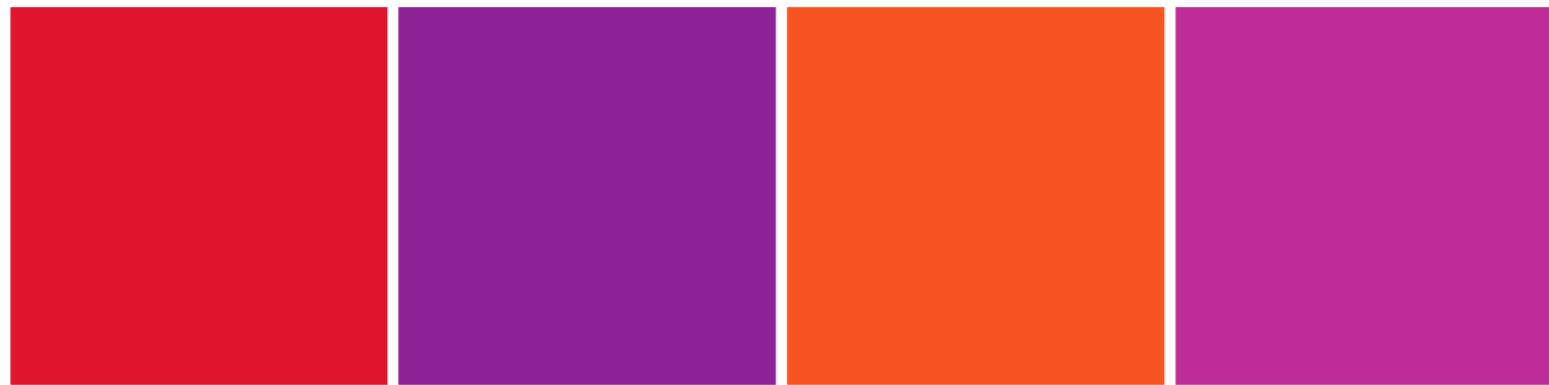
Saturazione_Chroma

Stessa tinta - **Diversa saturazione.**



Saturazione_Chroma

Stessa tinta - **Stessa saturazione.**



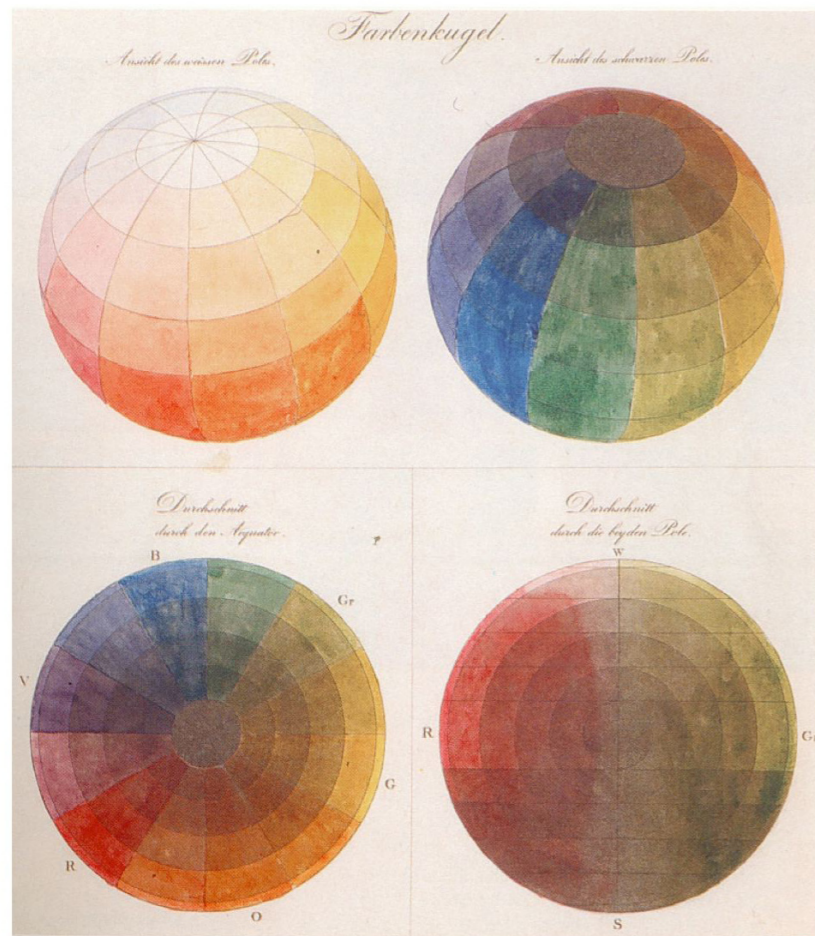
Color Tools

Munsell Color Atlas
NCS Natural Color System



Munsell_Solido del Colore

Il solido di Munsell è una evoluzione della sfera di Otto Runge (1810).

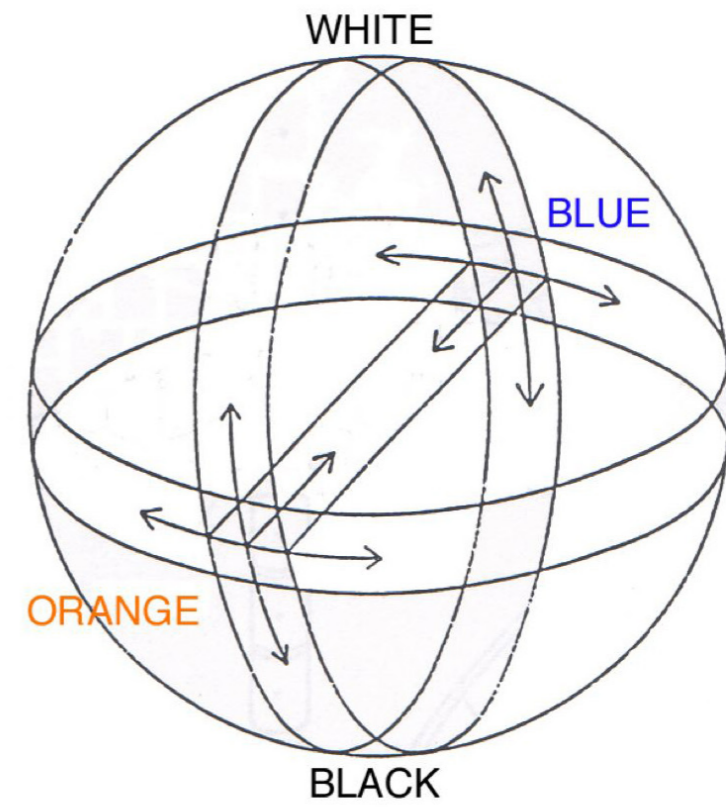
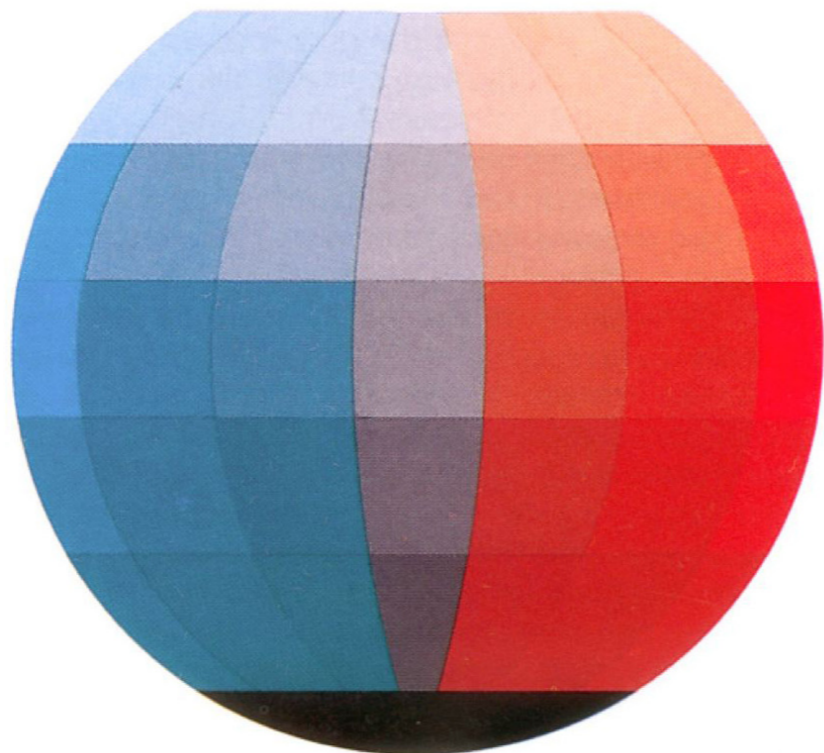
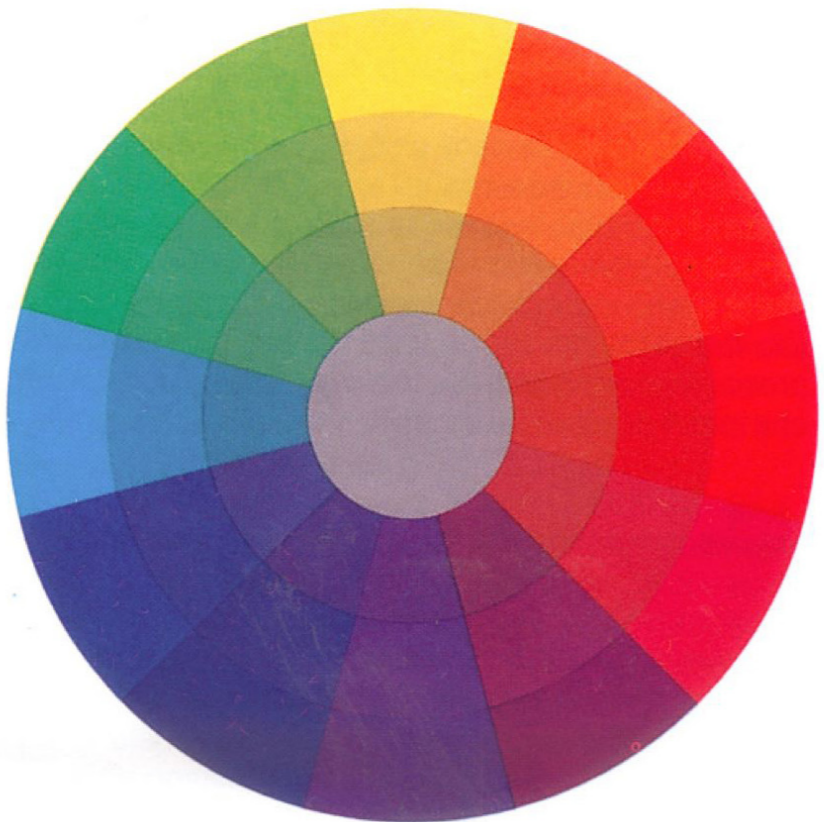


Sfera di Runge

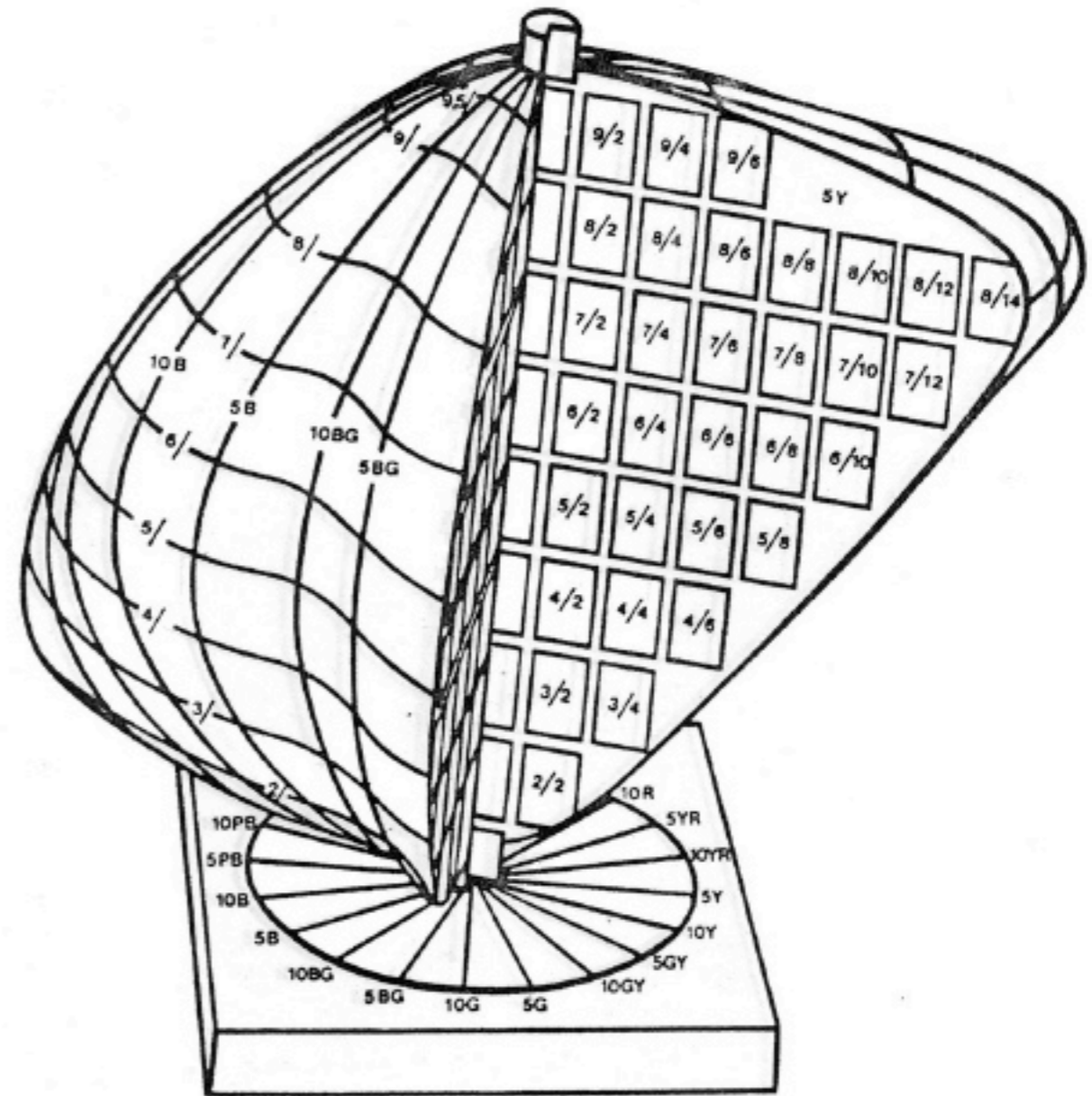


Solido di Munsell

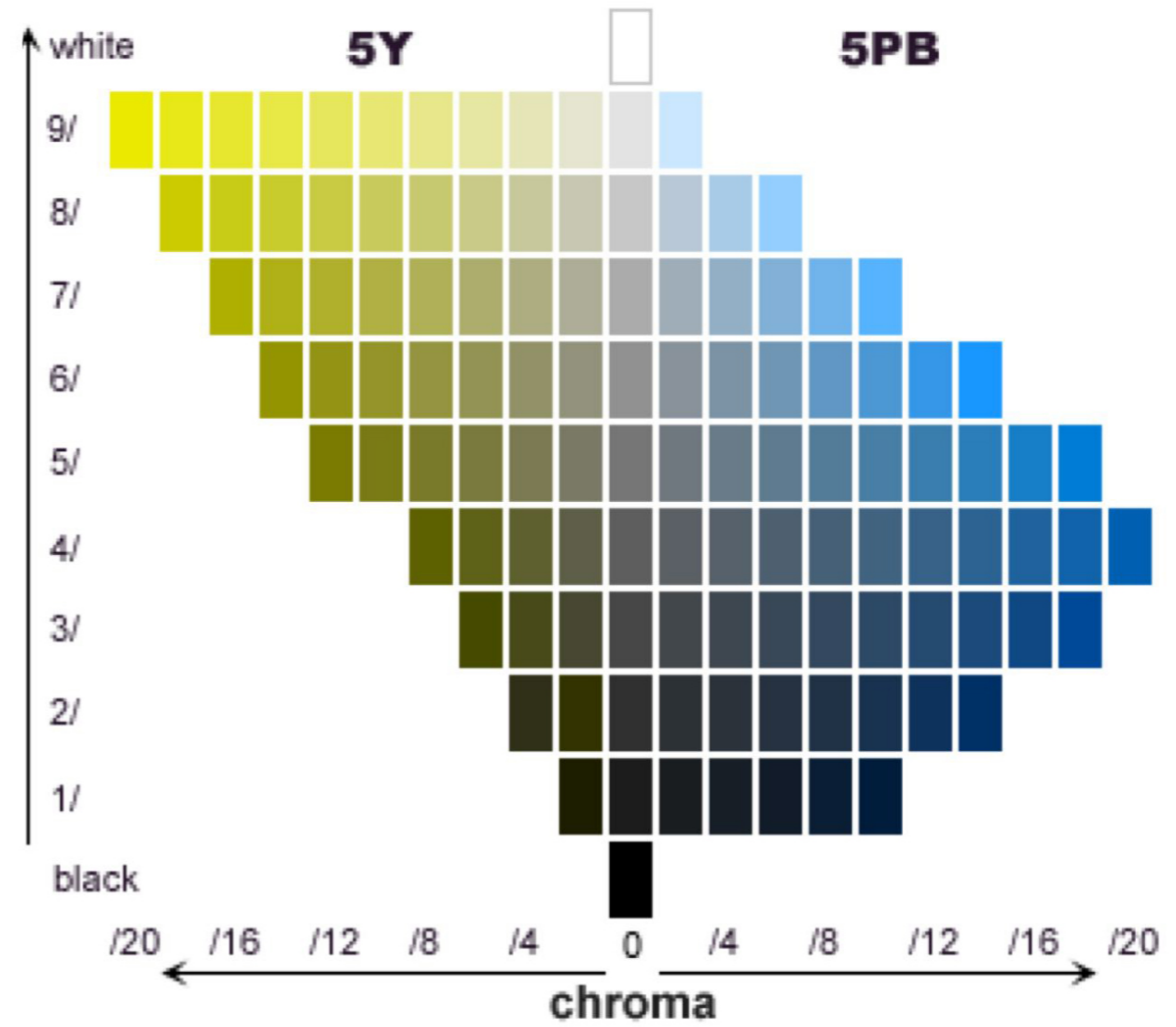
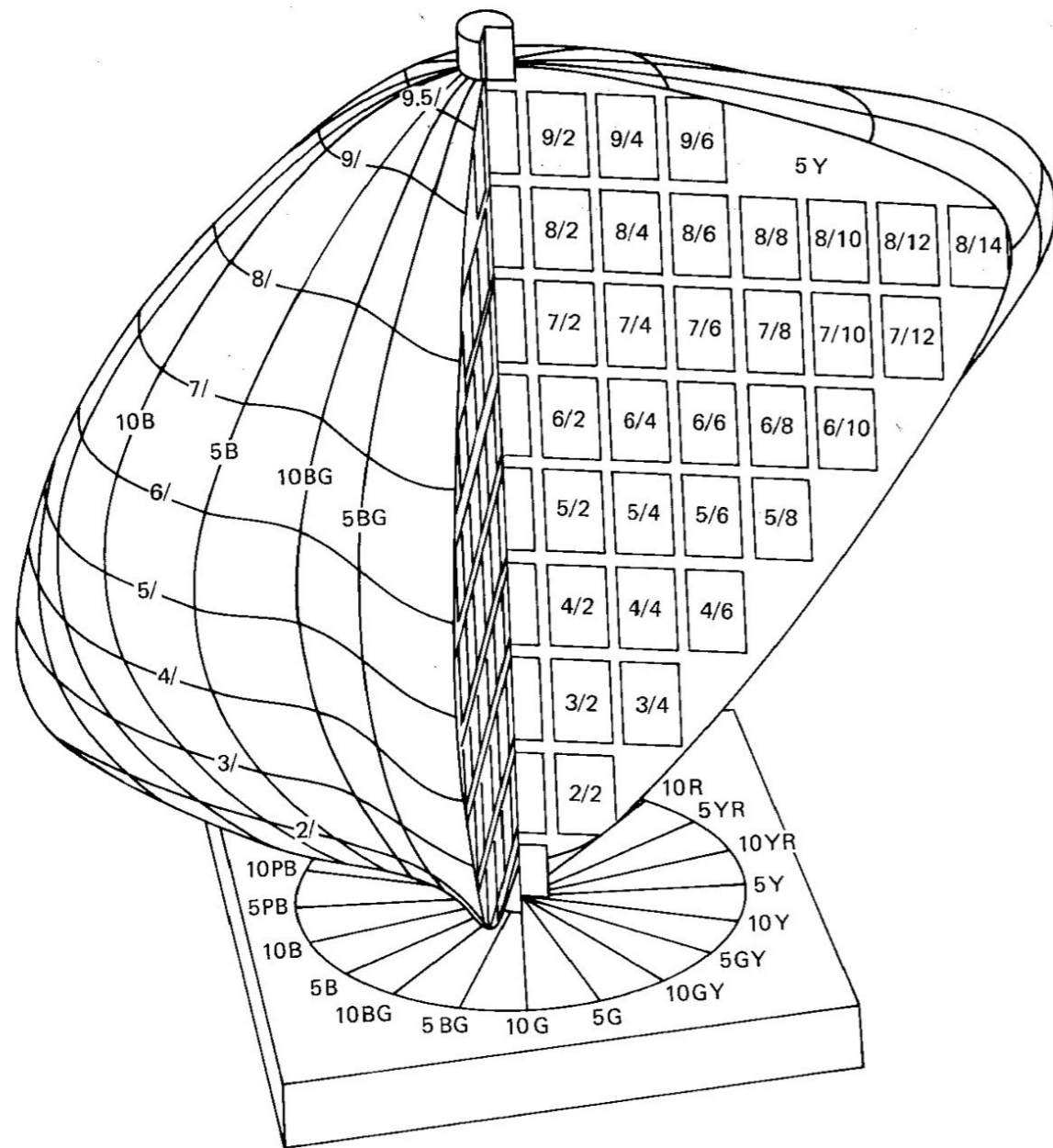
Runge



Sistema di codifica Munsell



Munsell_Solido del Colore



Munsell_Cerchio Cromatico

Il Munsell il cerchio cromatico è suddiviso in:

Cinque tinte principali:

R- red,

Y- yellow,

G- green,

B- blue

P- purple

Cinque tinte secondarie:

YR- yellow red,

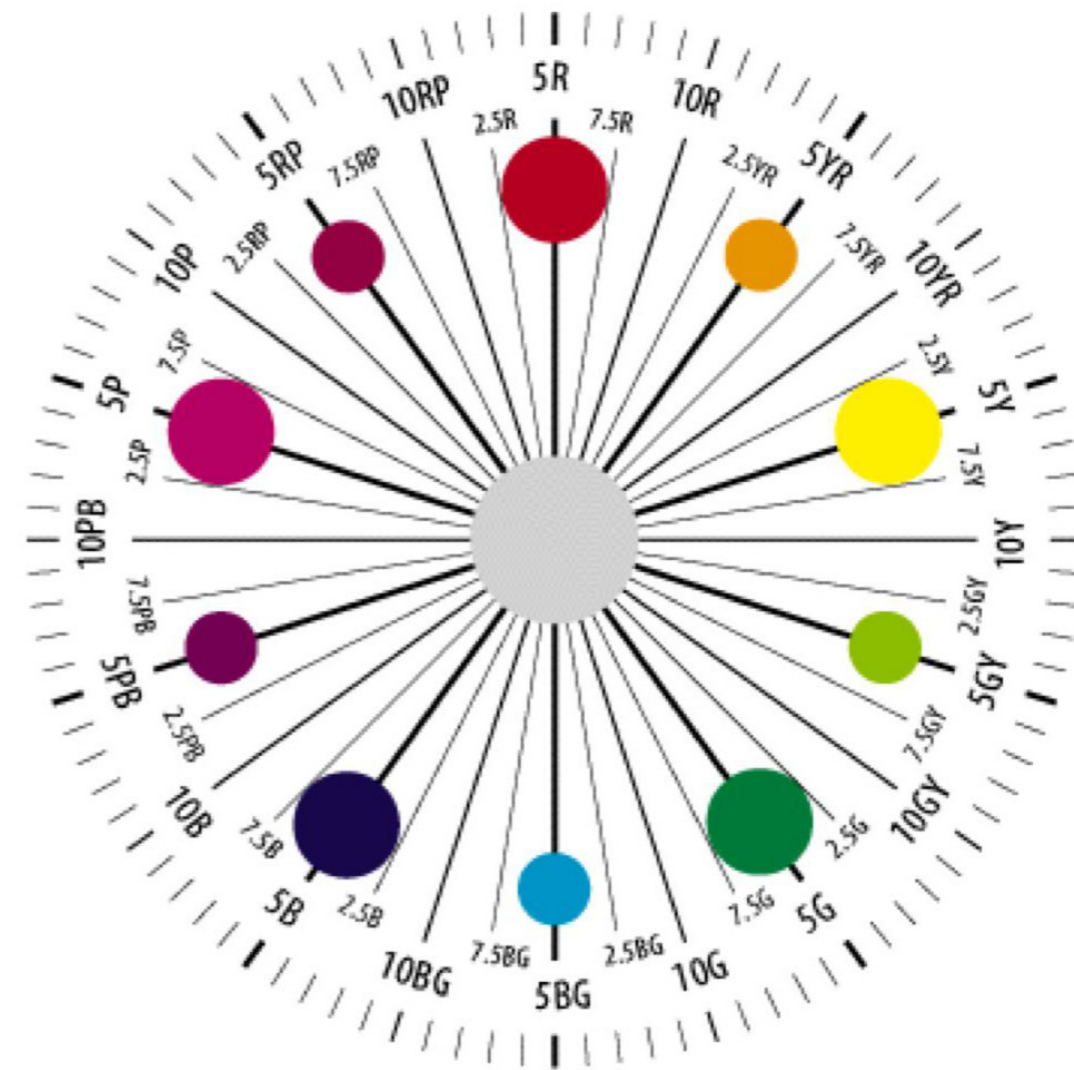
GY- green yellow,

BG- blue green,

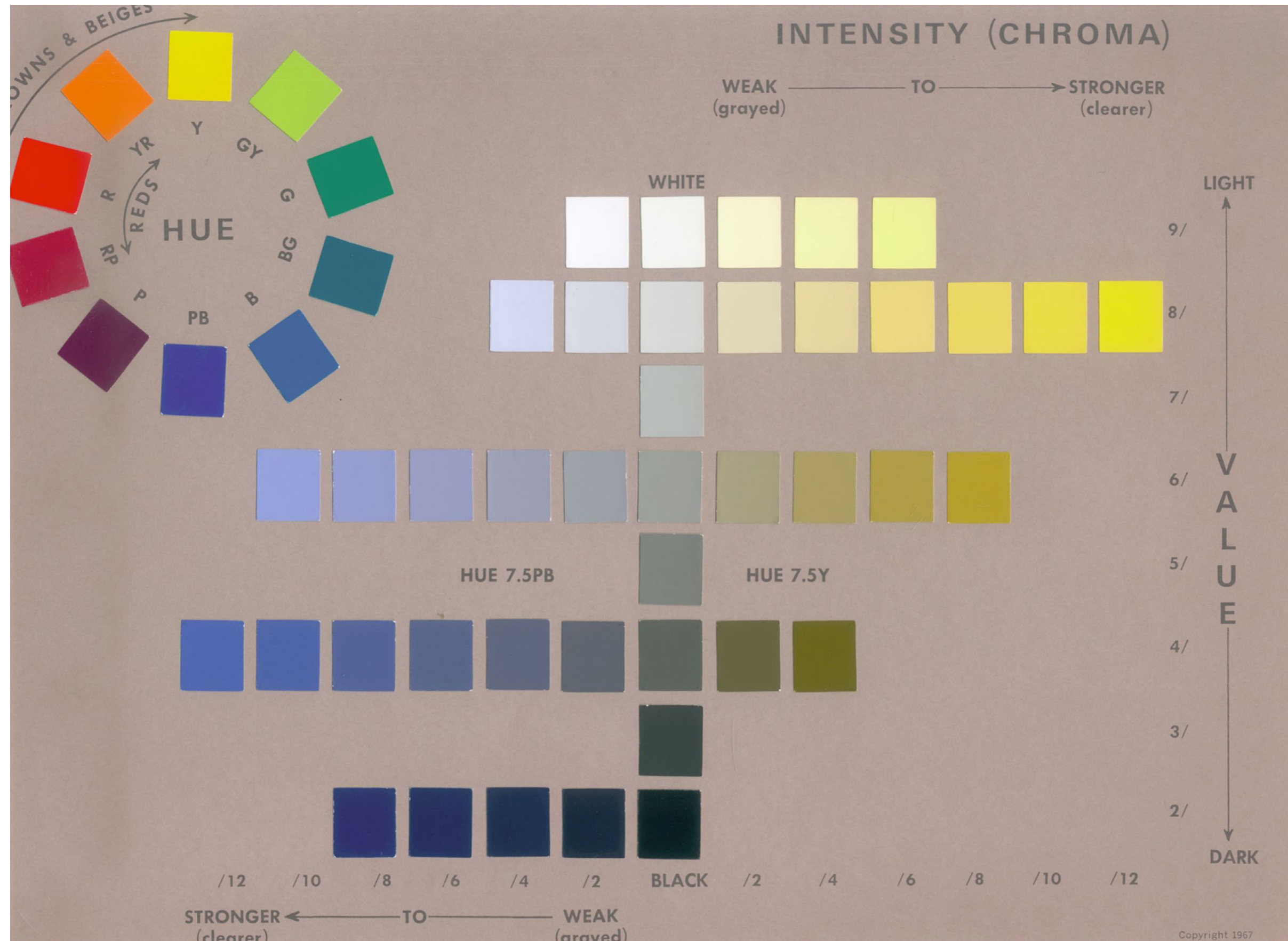
PB- purple blue, and

RP-red purple).

N- Neutral colors



Munsell



Notazione Munsell



5R 4 / 12

Hue

Tinta

Value

Chiarezza

Chroma

Saturazione

Notazione Munsell



5R 7 / 10

Hue

Tinta

Value

Chiarezza

Chroma

Saturazione

Notazione Munsell



5YR 7 / 13

Hue

Tinta

Value

Chiarezza

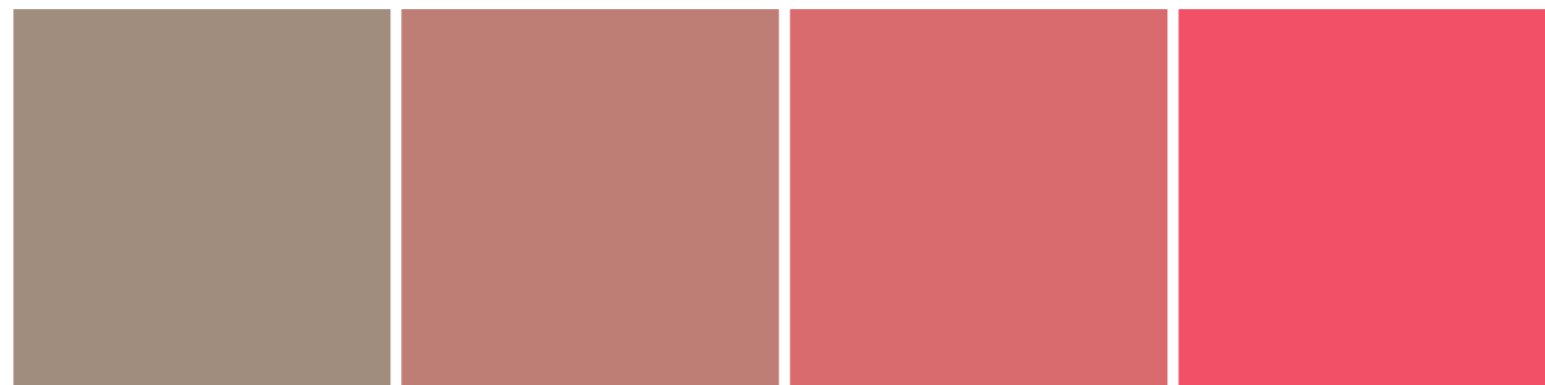
Chroma

Saturazione

Diverse saturazioni...

Stessa tinta - **Hue 2.5 R**

Stessa Chiarezza - **Value 6/**



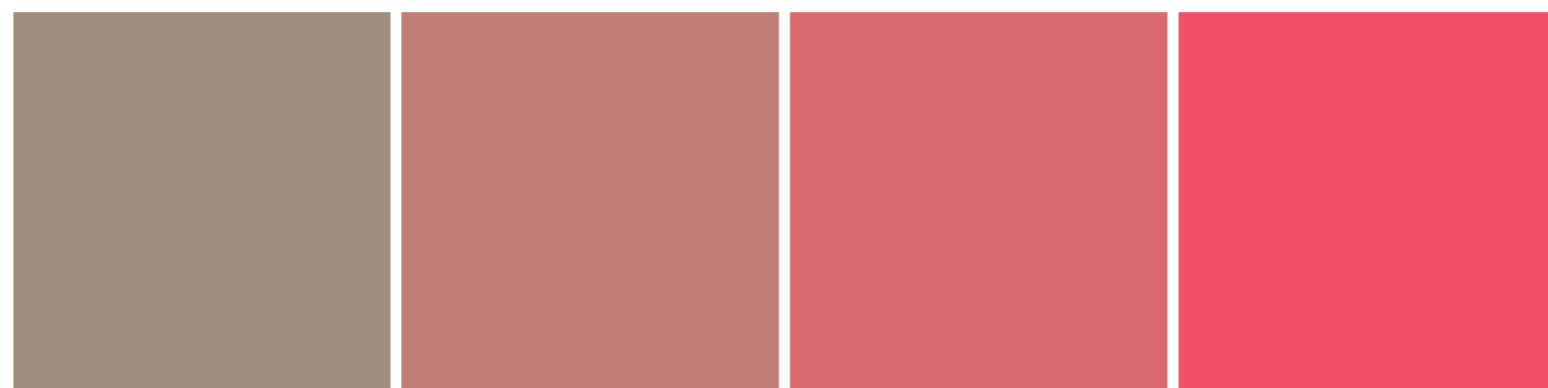
2.5R 6/2

2.5R 6/6

2.5R 6/10

2.5R 6/14

Stessa chiarezza_stessa tinta_diversa saturazione



2.5R 6/2

2.5R 6/6

2.5R 6/10

2.5R 6/14

Stessa saturazione_diversa tinta_chiarezza



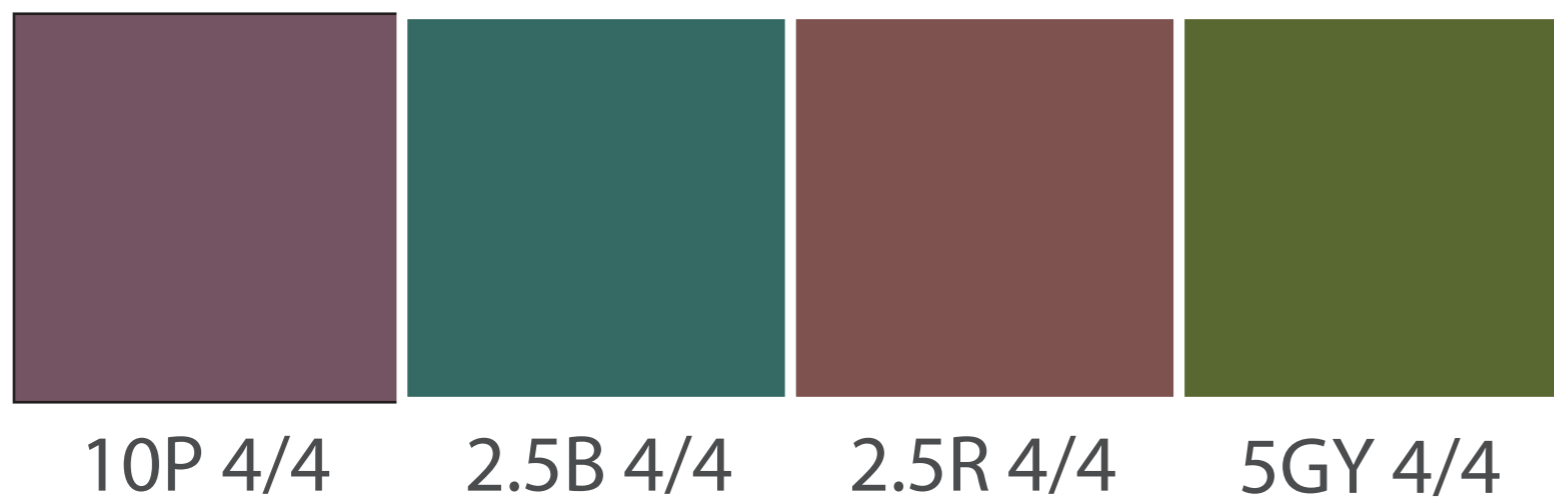
7.5R 5/16

5P 4/16

10R 6/16

10P 5/16

Tinta diversa_stessa chiarezza_stessa saturazione



FORMAT_Matrice Estesa 1/3

9,5/				
9/				
8/				
7/				
6/				
5/				
4/				
3/				
2/				
	N	N	N	N

	5R	7.5R	10R	2.5YR	5YR	7.5YR	10YR	2.5Y	5Y
	16TPX	15TPX	14TPX	13TPX	11TPX	10TPX	9TPX	8TPX	7TPX

FORMAT_Matrice Estesa 2/3

7.5Y	10Y	2.5GY	5GY	7.5GY	10GY	2.5G	5G	7.5G	10G	2.5BG	5BG	7.5BG	10BG	2.5B	5B
6TPX	5TPX	4TPX	3TPX	2TPX	64TPX	61TPX	59TPX	57TPX	55TPX	51 TPX	49TPX	47TPX	45TPX	

FORMAT_Matrice Estesa 3/3

7.5B
44TPX

10B
43TPX

2.5PB
42TPX

5PB
40TPX

7.5PB
38TPX

10PB
37TPX

2.5P
36TPX

5P
35TPX

7.5P
34TPX

10P
33TPX

2.5RP
26TPX

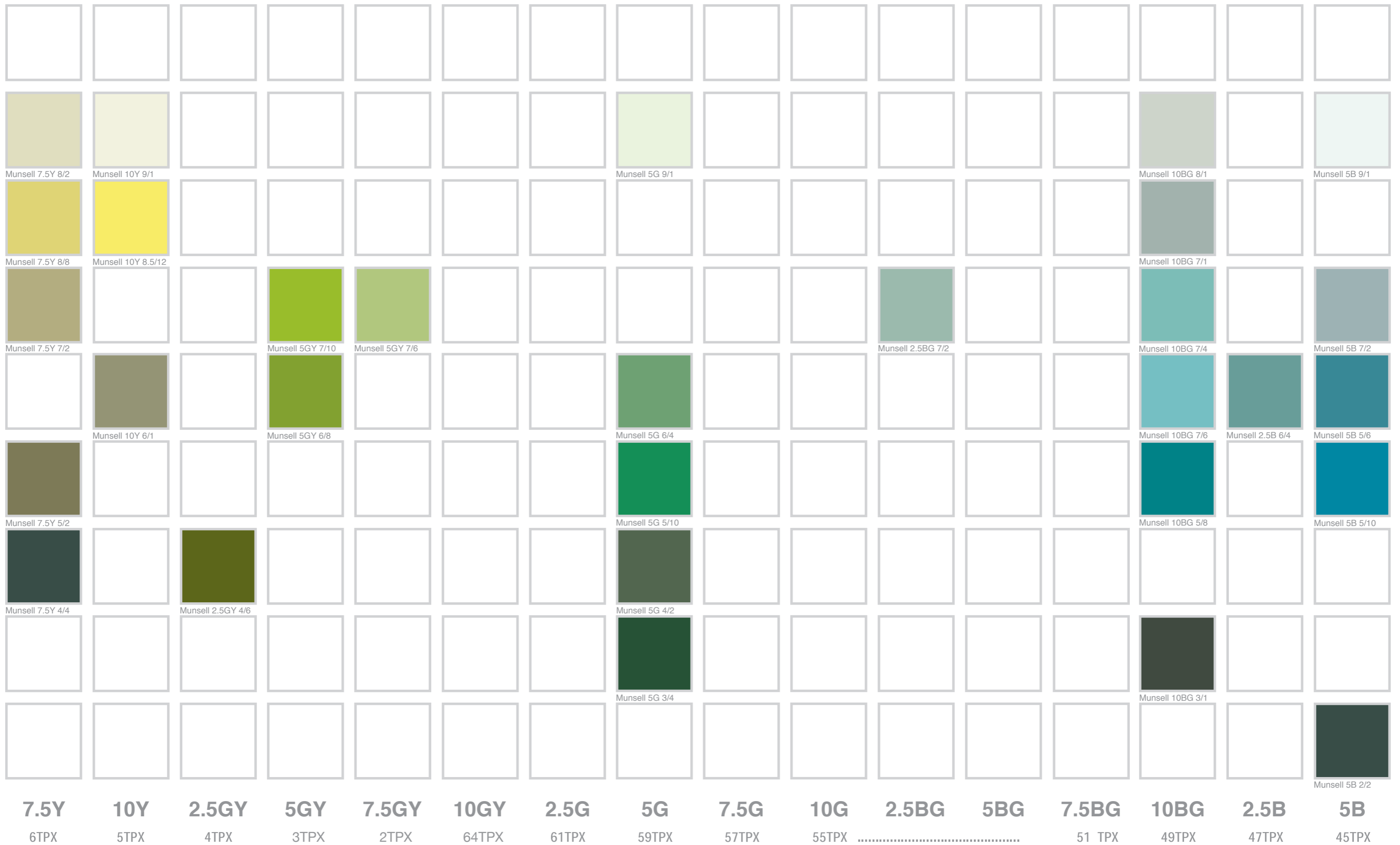
5RP
24TPX

7.5RP
22TPX

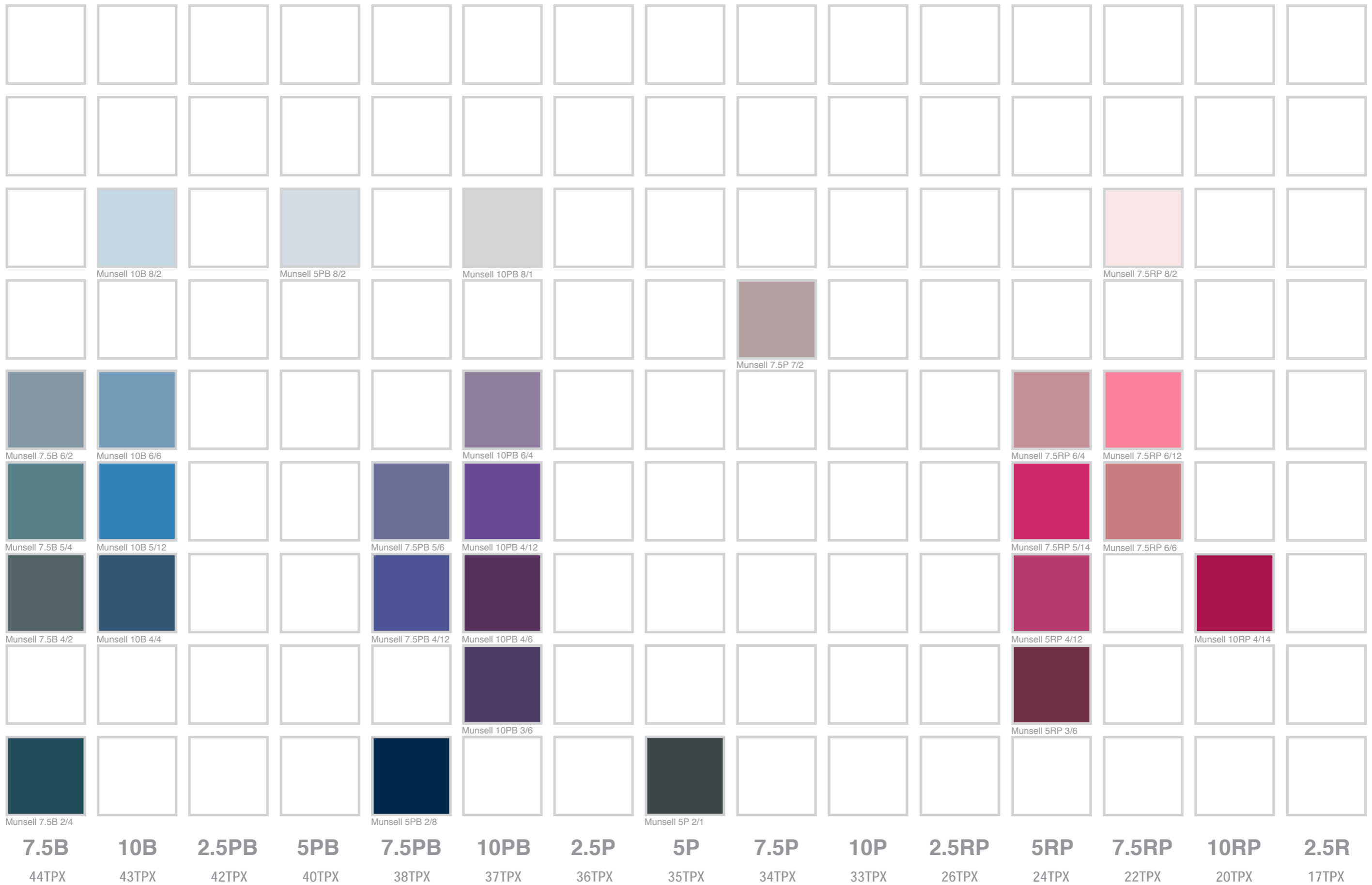
10RP
20TPX

2.5R
17TPX

FORMAT_Matrice Estesa 2/3



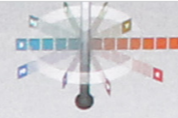
FORMAT_Matrice Estesa 3/3



Munsell

THE MUNSELL BOOK OF COLOR

HUE: 2.5YR



Compact Color Matrix

9,5/															
9/															
8/															
7/															
6/															
5/															
4/															
3/															
2/															
	NEUTRAL	NATURAL	NATURAL	RED	RED ORANGE	ORANGE YELLOW	YELLOW	YELLOW GREEN	GREEN	GREENISH BLUE	BLUE GREEN	BLUE	PURPLE BLUE	PURPLE	RED PURPLE

Compact Color Matrix

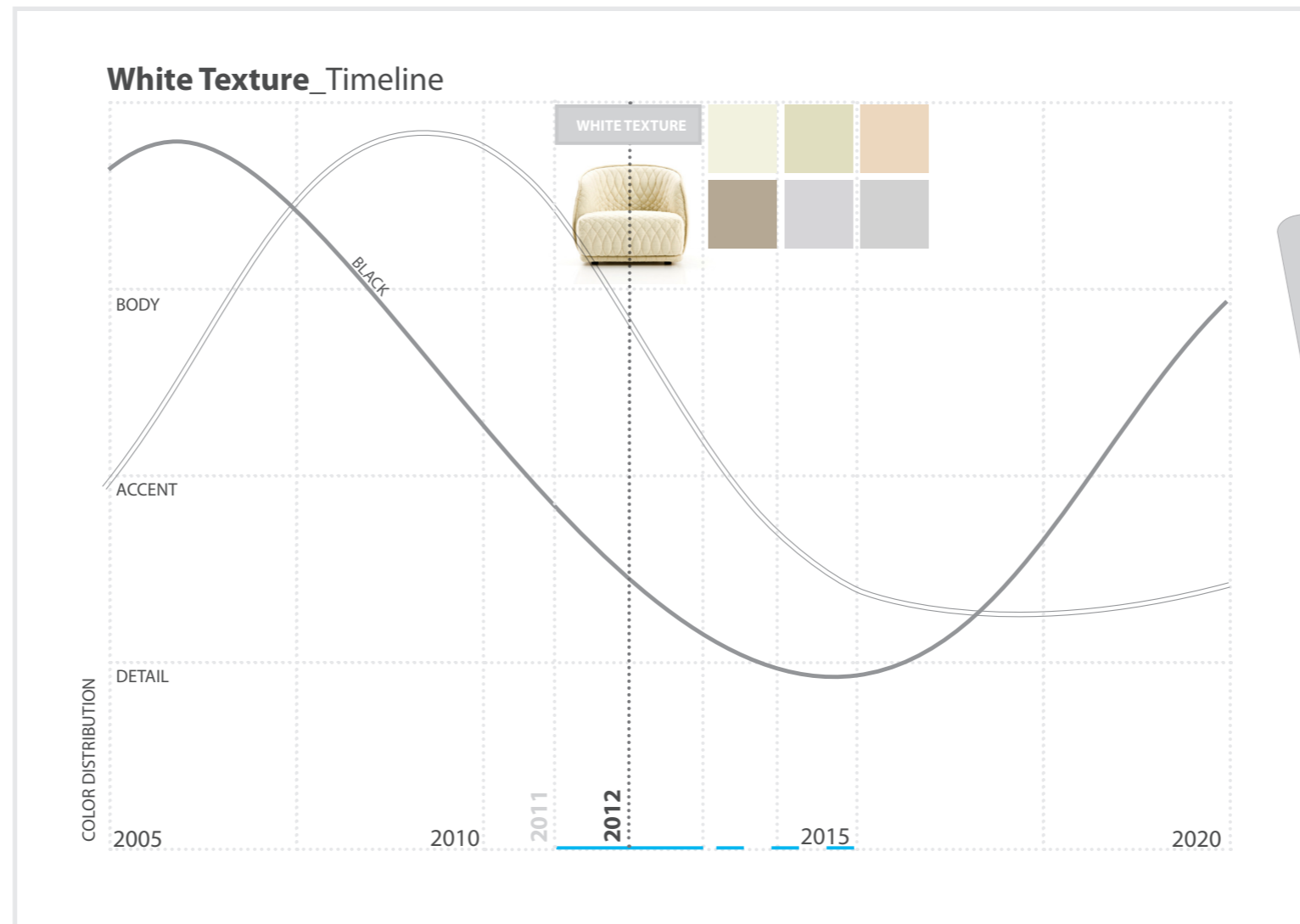
Off White															
Light Tonal															
Bright															
Vivid															
Accent															
Tonal															
Dark Tonal															
Dark															
Black															
	NEUTRAL	NATURAL	NATURAL	RED	RED ORANGE	ORANGE YELLOW	YELLOW	YELLOW GREEN	GREEN	GREENISH BLUE	BLUE GREEN	BLUE	PURPLE BLUE	PURPLE	RED PURPLE

Compact Color Matrix

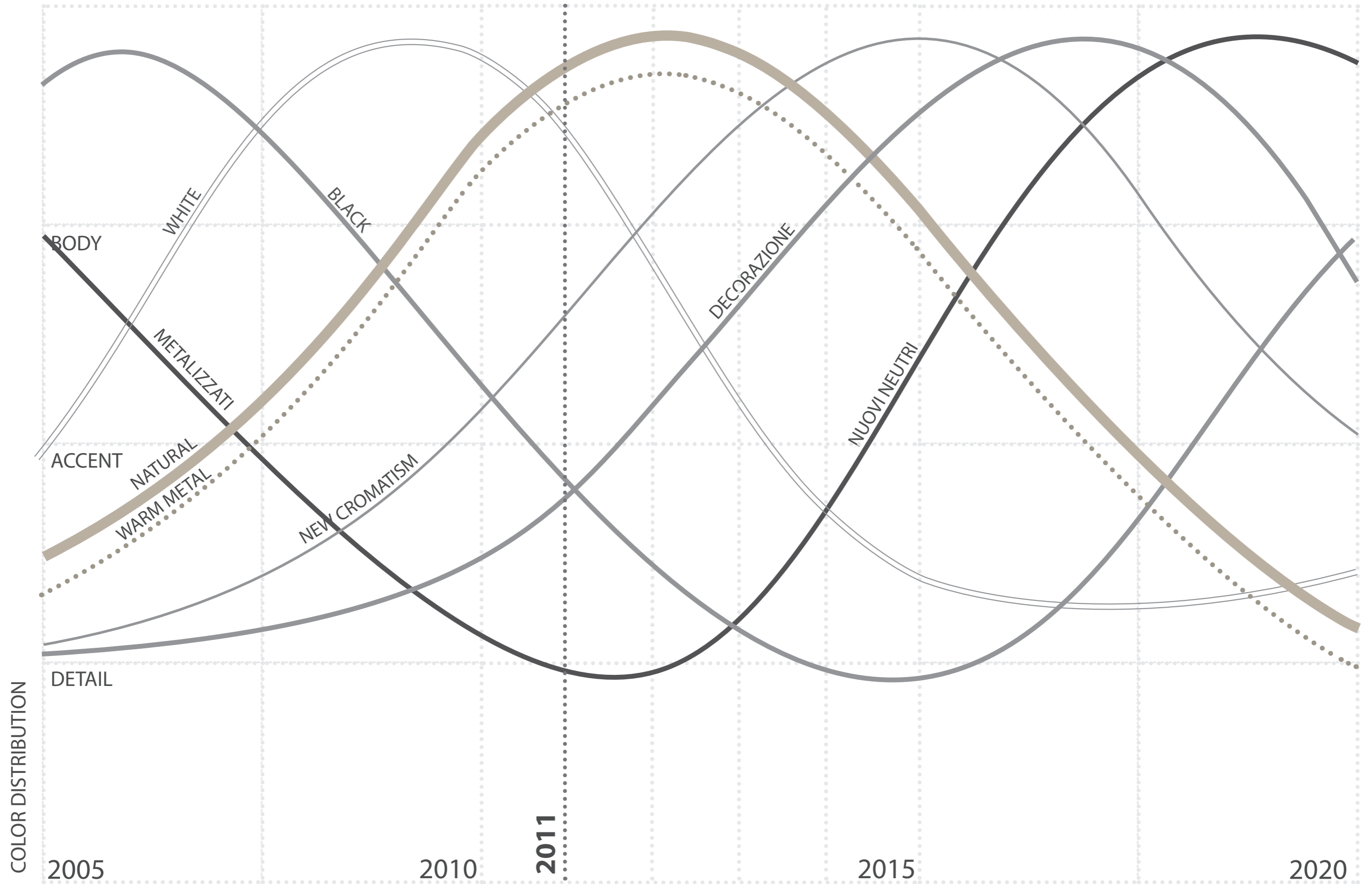
Off White															
	Munsell N 9.5/	Munsell 10Y 8/1	Munsell 5Y 8.5/2			Munsell 10YR 9/2	Munsell 10Y 9/1		Munsell 5G 9/1	Munsell 10BG 8/1	Munsell 5B 9/1	Munsell 10B 8/2	Munsell 5PB 8/2	Munsell 10PB 8/1	Munsell 7.5RP 8/2
Light Tonal															
	Munsell N 9/	Munsell 10YR 7/2	Munsell 2.5Y 8/2		Munsell 10R 7/8		Munsell 7.5Y 8/2	Munsell 7.5Y 7/2		Munsell 10BG 7/1		Munsell 5B 7/2		Munsell 7.5P 7/2	Munsell 7.5RP 6/6
Bright															
	Munsell N 8/	Munsell 10R 7/1	Munsell 2.5Y 7/4		Munsell 10R 6/10	Munsell 5Y 8/8	Munsell 7.5Y 8/8	Munsell 5GY 7/6		Munsell 10BG 7/4	Munsell 10BG 7/6	Munsell 10B 6/6			Munsell 7.5RP 6/12
Vivid															
	Munsell N 7/			Munsell 7.5R 4/16	Munsell 7.5R 5/14	Munsell 2.5Y 8/16	Munsell 10Y 8.5/12	Munsell 5GY 6/8	Munsell 5G 5/10	Munsell 10BG 5/8		Munsell 10B 5/12	Munsell 7.5PB 4/12	Munsell 10PB 4/12	Munsell 10RP 4/14
Accent															
	Munsell N 6/	Munsell 10YR 6/2	Munsell 10YR 6/4		Munsell 10R 6/14	Munsell 5Y 8.5/14		Munsell 5GY 7/10			Munsell 5B 5/10				Munsell 7.5RP 5/14
Tonal															
	Munsell N 5/		Munsell 10YR 6/6			Munsell 10YR 6/10	Munsell 5Y 6/4	Munsell 10Y 6/1	Munsell 5G 6/4	Munsell 2.5BG 7/2	Munsell 2.5B 6/4	Munsell 7.5B 6/2		Munsell 10PB 6/4	Munsell 7.5RP 6/4
Dark Tonal															
	Munsell N 4/	Munsell 10YR 5/2	Munsell 10YR 5/6	Munsell 5R 3/10		Munsell 2.5Y 6/4	Munsell 7.5Y 5/2	Munsell 2.5GY 4/6	Munsell 5G 4/2		Munsell 5B 5/6	Munsell 7.5B 5/4	Munsell 7.5PB 5/6	Munsell 10PB 4/6	Munsell 5RP 4/12
Dark															
	Munsell N 3/	Munsell 7.5YR 3/2	Munsell 10YR 3/2	Munsell 5R 2/8	Munsell 7.5YR 3/4		Munsell 5Y 3/2	Munsell 7.5Y 4/4	Munsell 5G 3/4	Munsell 10BG 3/1	Munsell 7.5B 4/2	Munsell 10B 4/4	Munsell 5PB 2/8	Munsell 10PB 3/6	Munsell 5RP 3/6
Black															
	Munsell N 2/						Munsell 2.5Y 2/2				Munsell 5B 2/2	Munsell 7.5B 2/4		Munsell 5P 2/1	
	NEUTRAL	NATURAL	NATURAL	RED	RED ORANGE	ORANGE YELLOW	YELLOW	YELLOW GREEN	GREEN	GREENISH BLUE	BLUE GREEN	BLUE	PURPLE BLUE	PURPLE	RED PURPLE

Desire_STRUMENTI DI PROGETTAZIONE DEL COLORE

TIMELINE AND COLOUR CARDS PER PROGRAMMARE GLI AGGIORNAMENTI DEI COLORI E LE FINITURE.

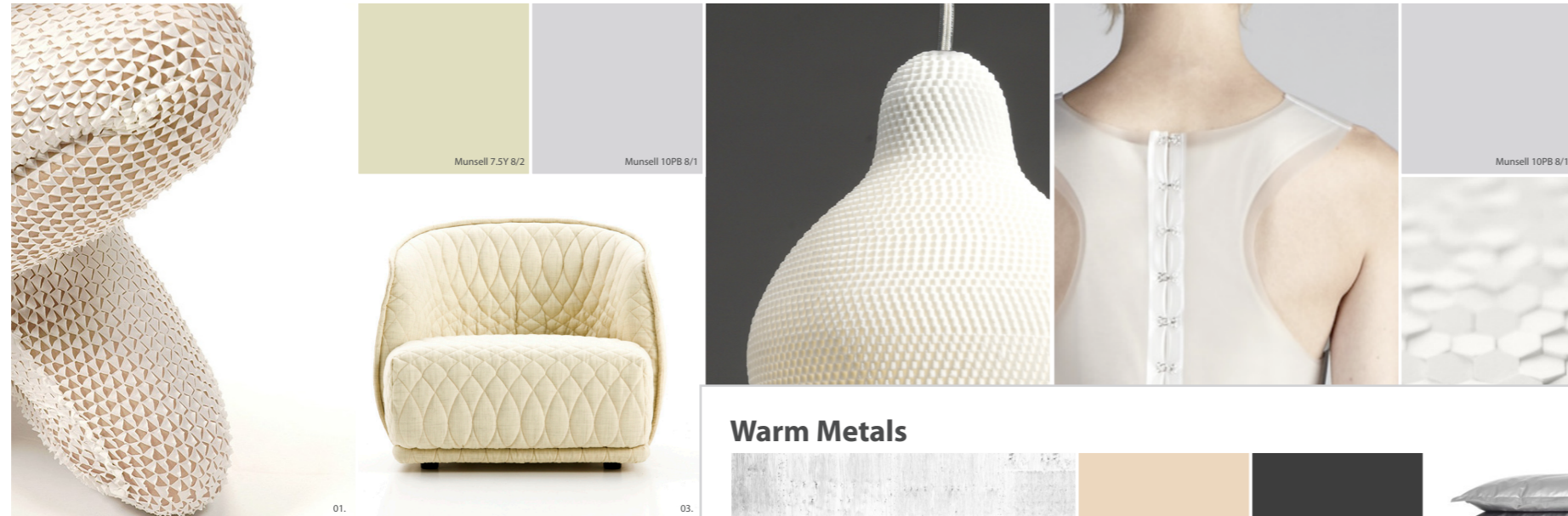


Timeline del Colore

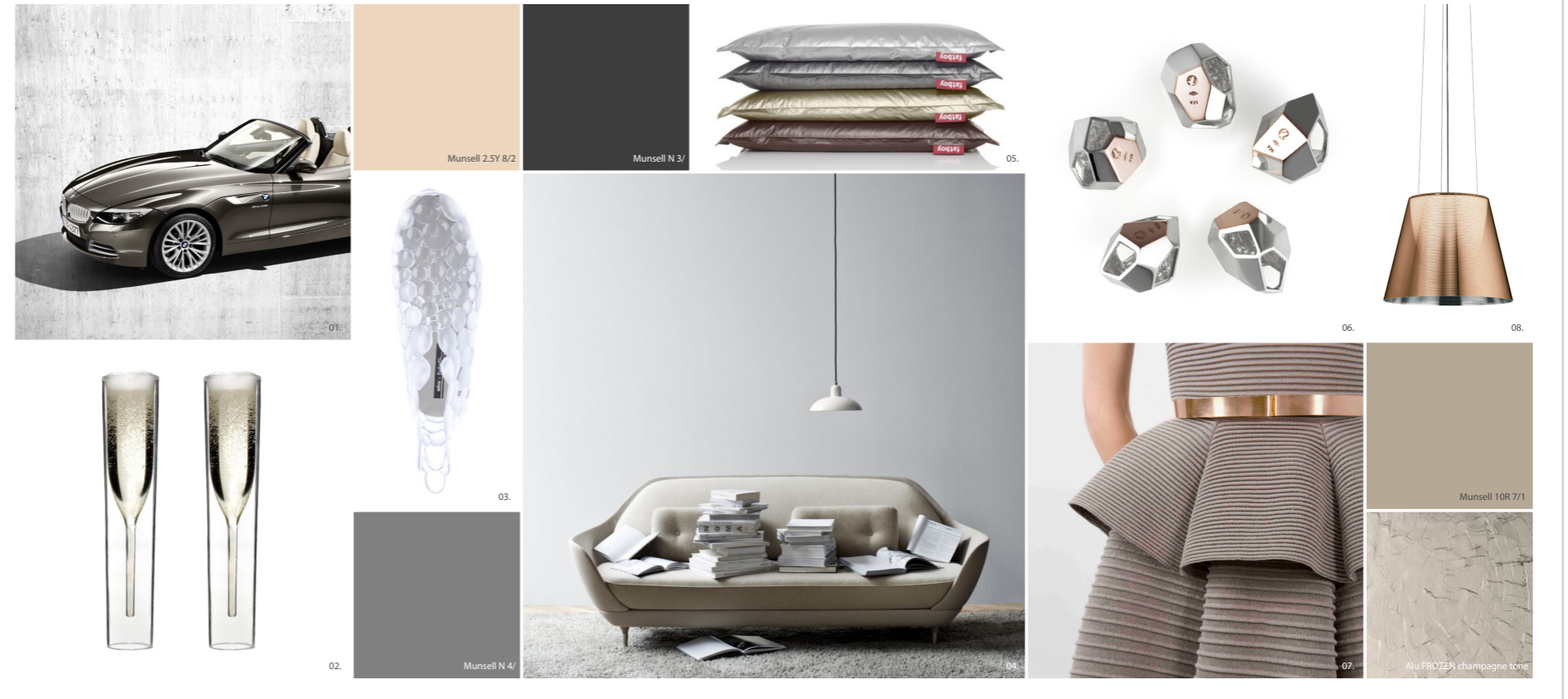


Trends_2011/12

White Texture



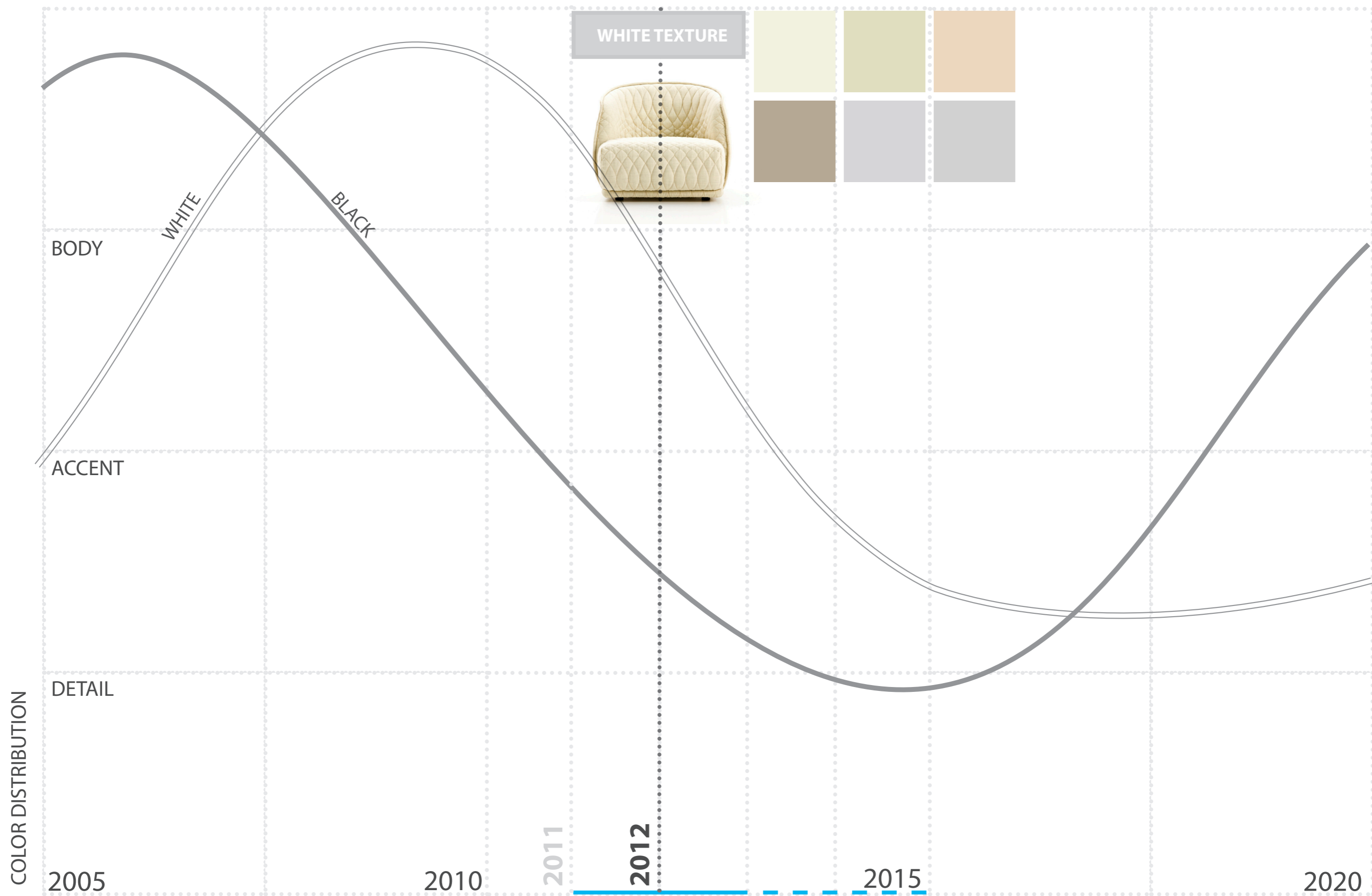
Warm Metals



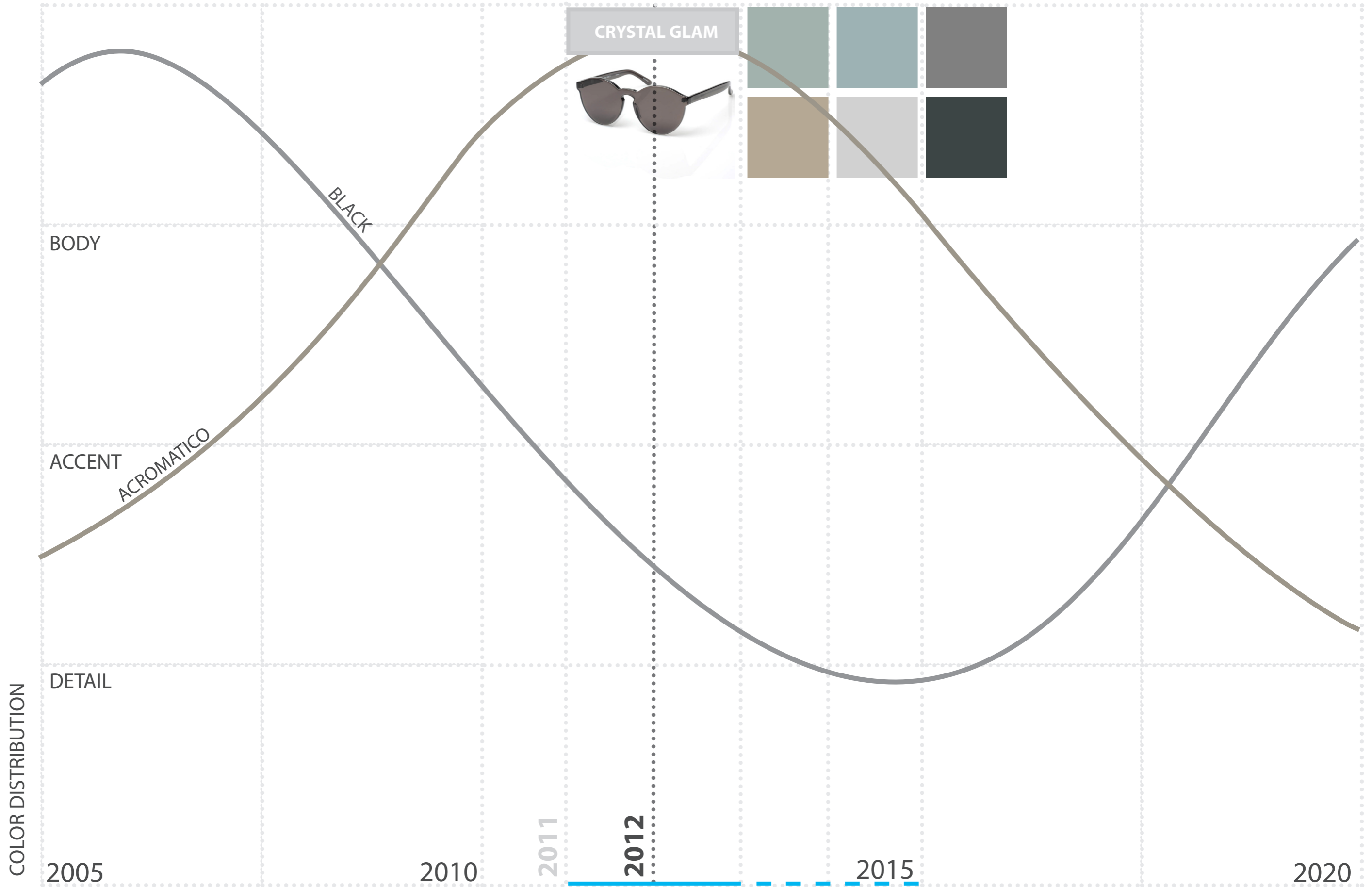
Crystal Glam



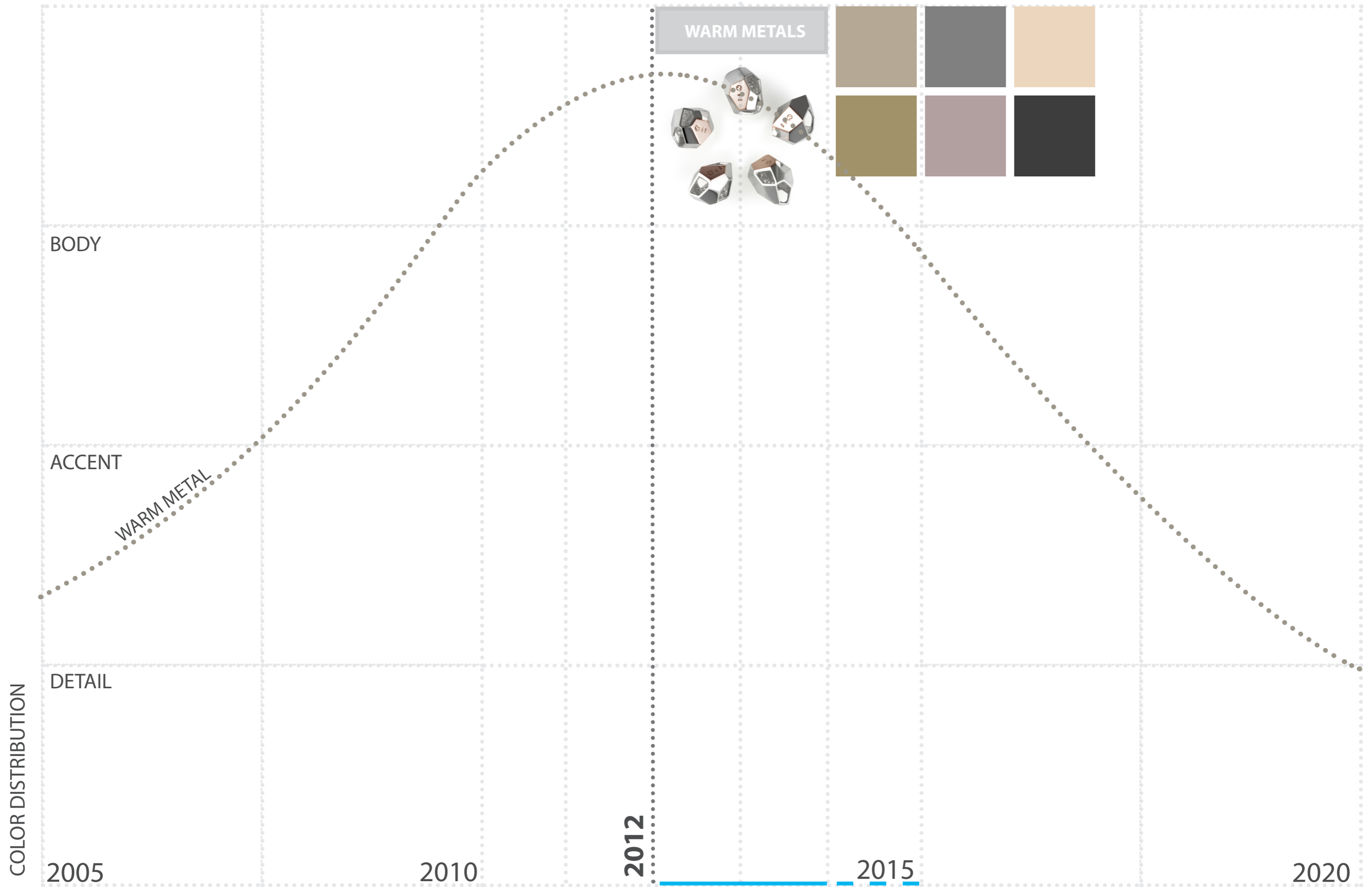
White Texture_Timeline



Crystal Glam_Timeline



Warm Metals_Timeline



Trends_2013

Primitivism



03.



Munsell 5Y 8/8



Munsell 10YR 6/6



04.

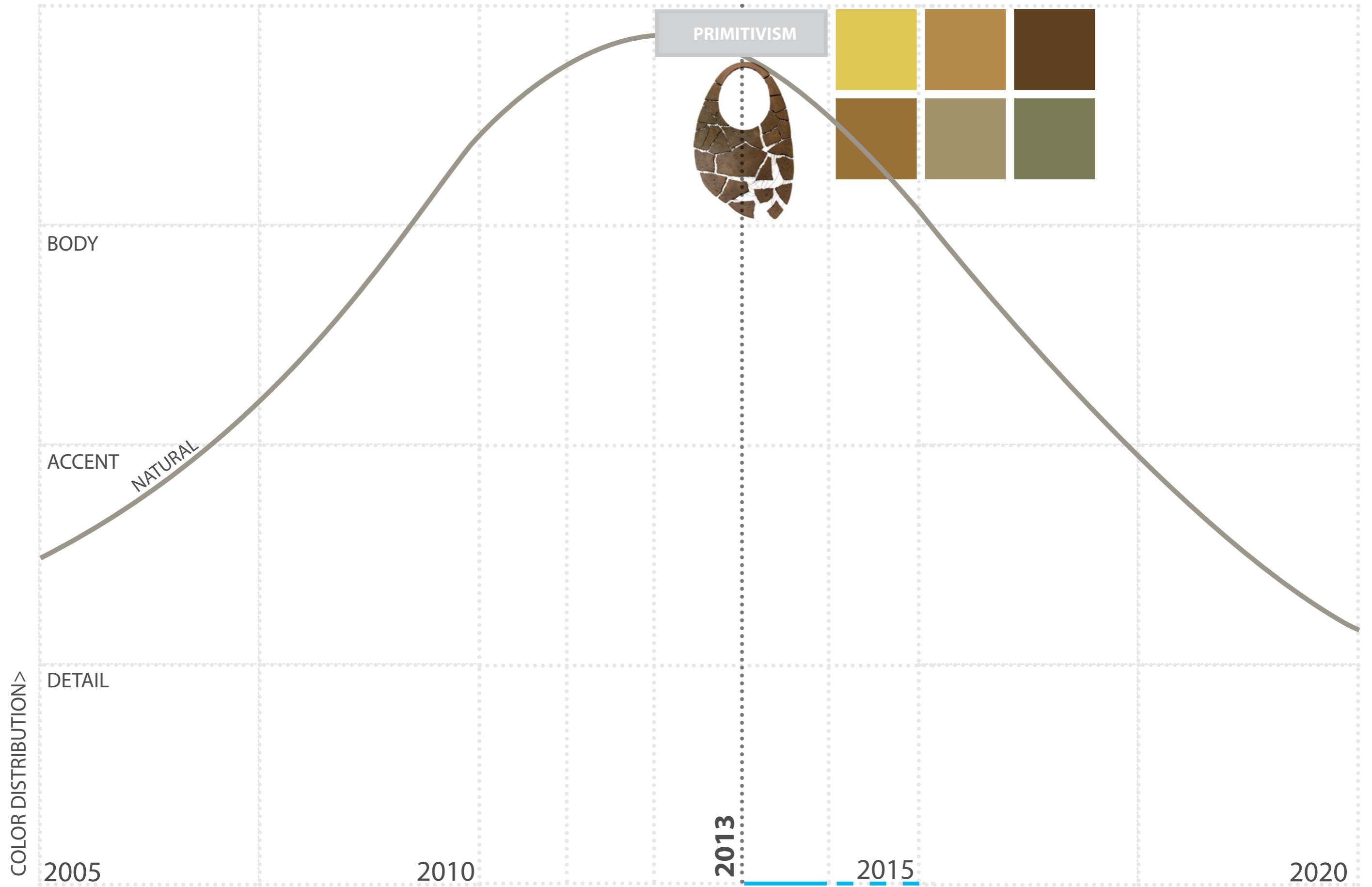


05.



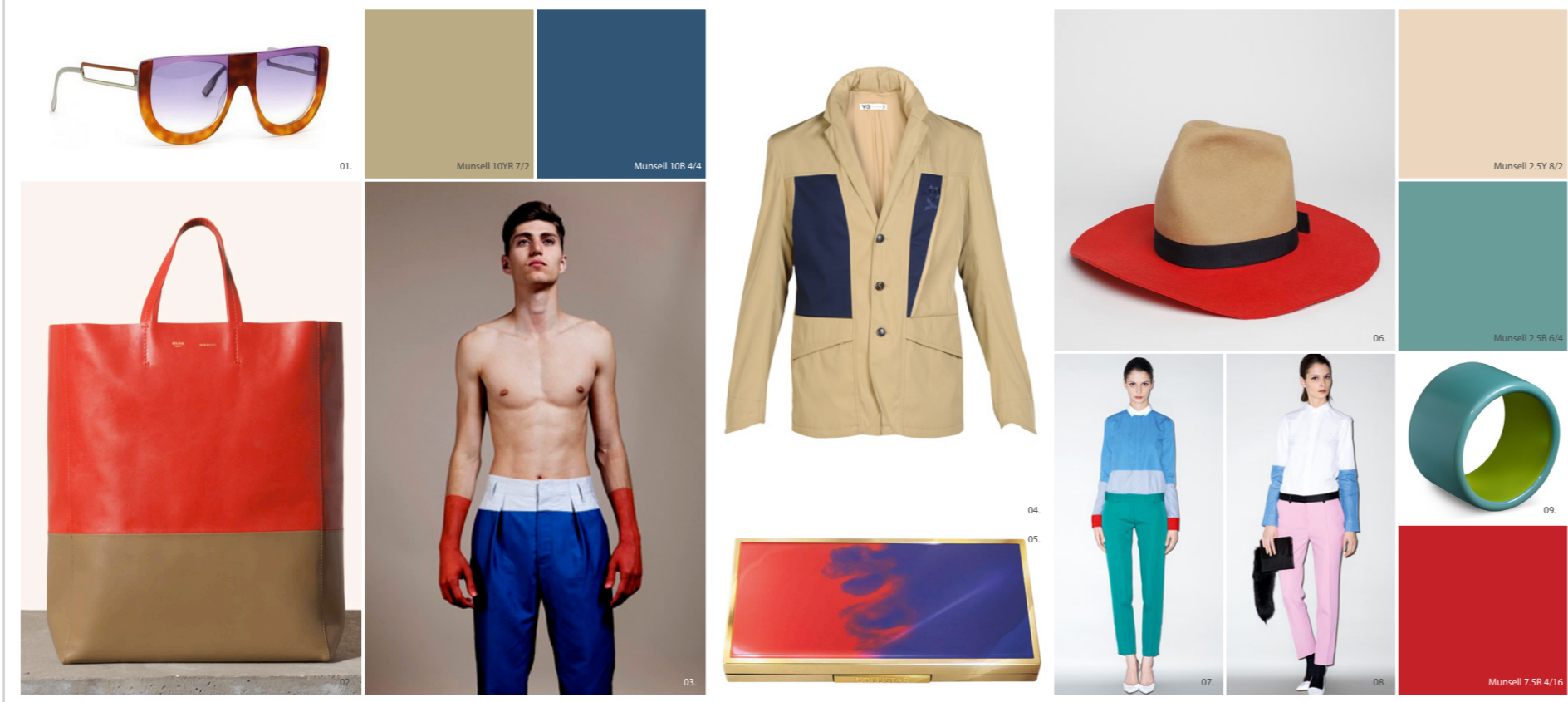
Munsell 7.5YR 3/4

Primitivism_Timeline



Trends_2014

Meta_Materials



Melting Pot

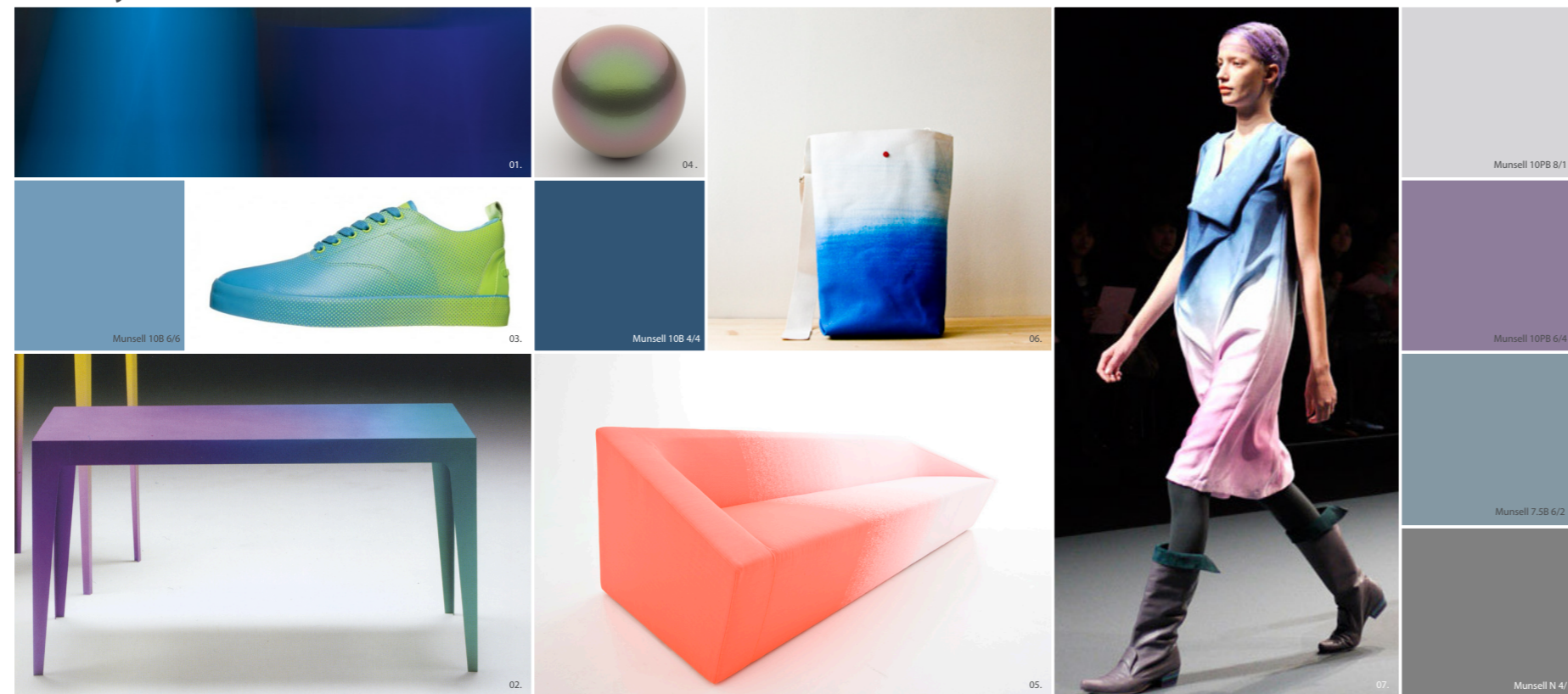


Trends_2014

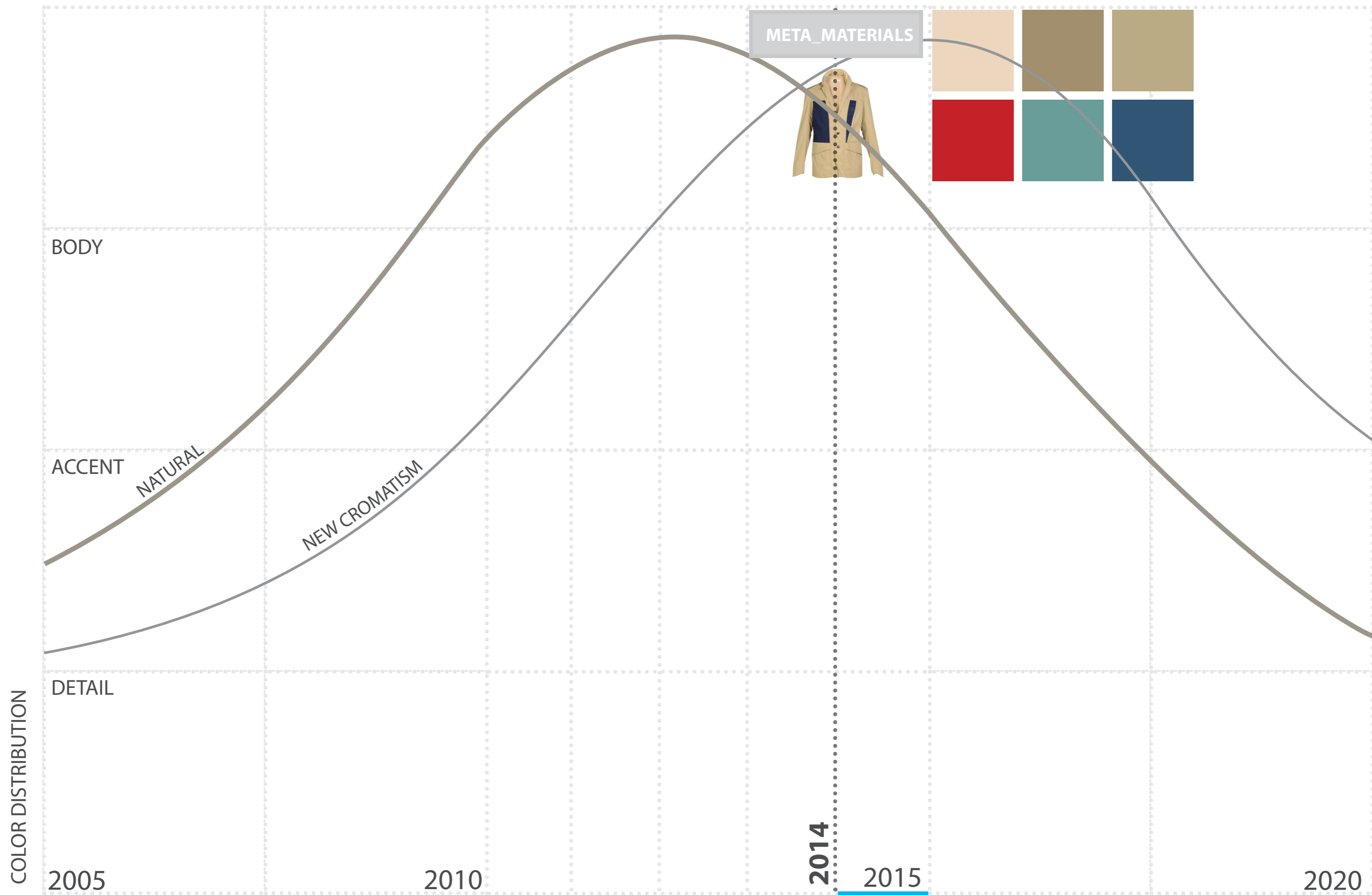
Chromatic Glam



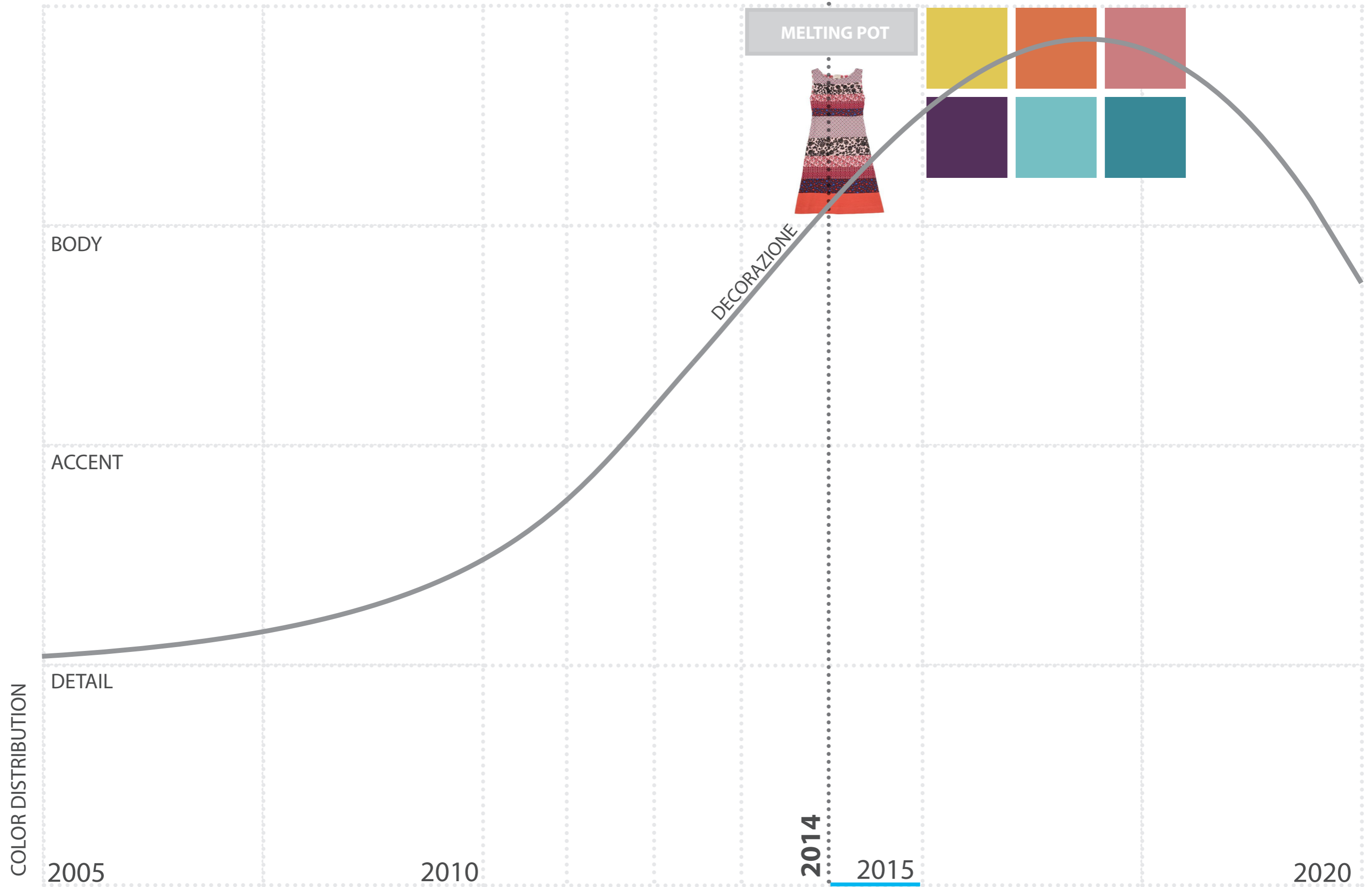
Hand Dyed



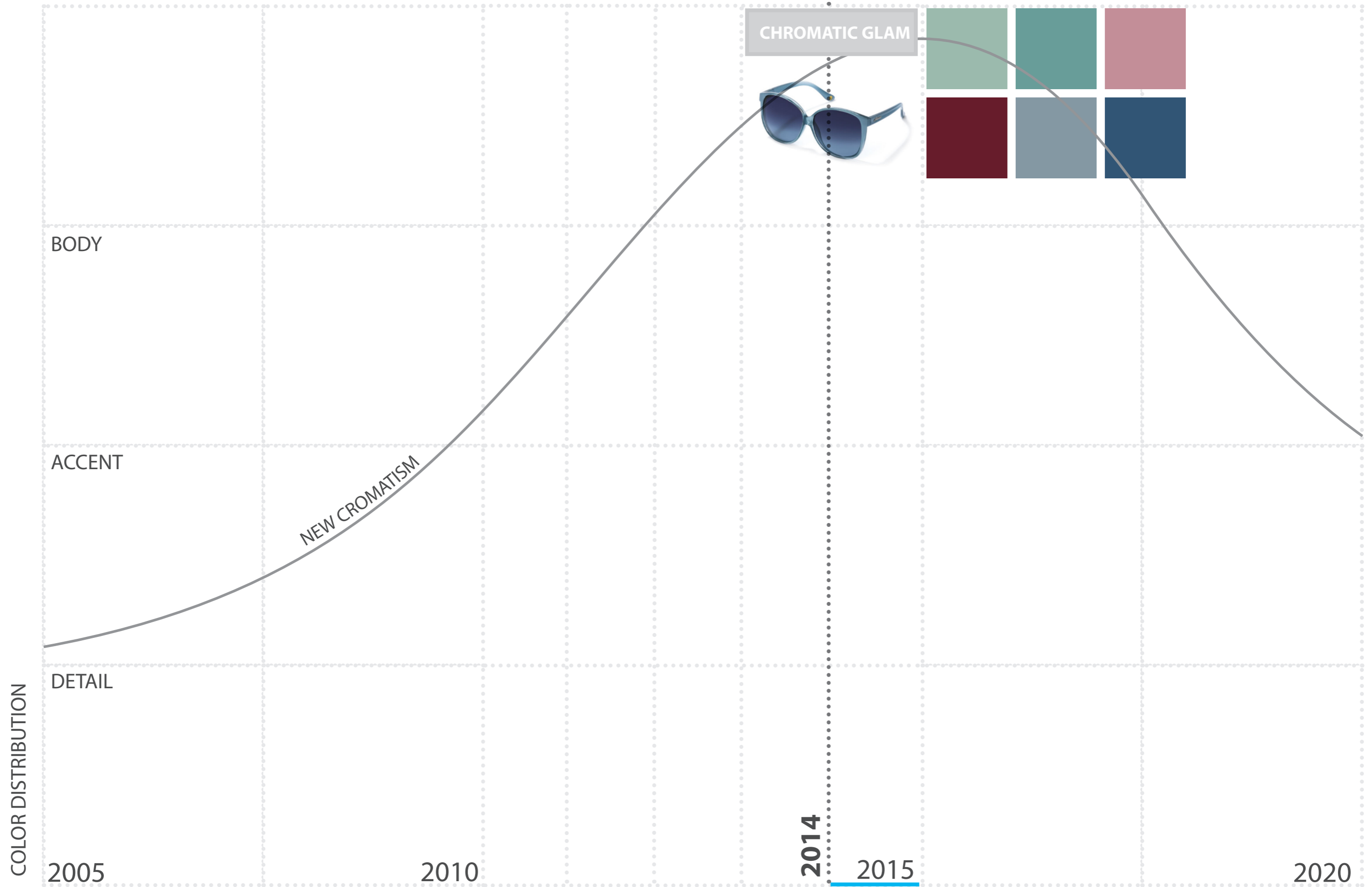
Meta_Materials_Timeline



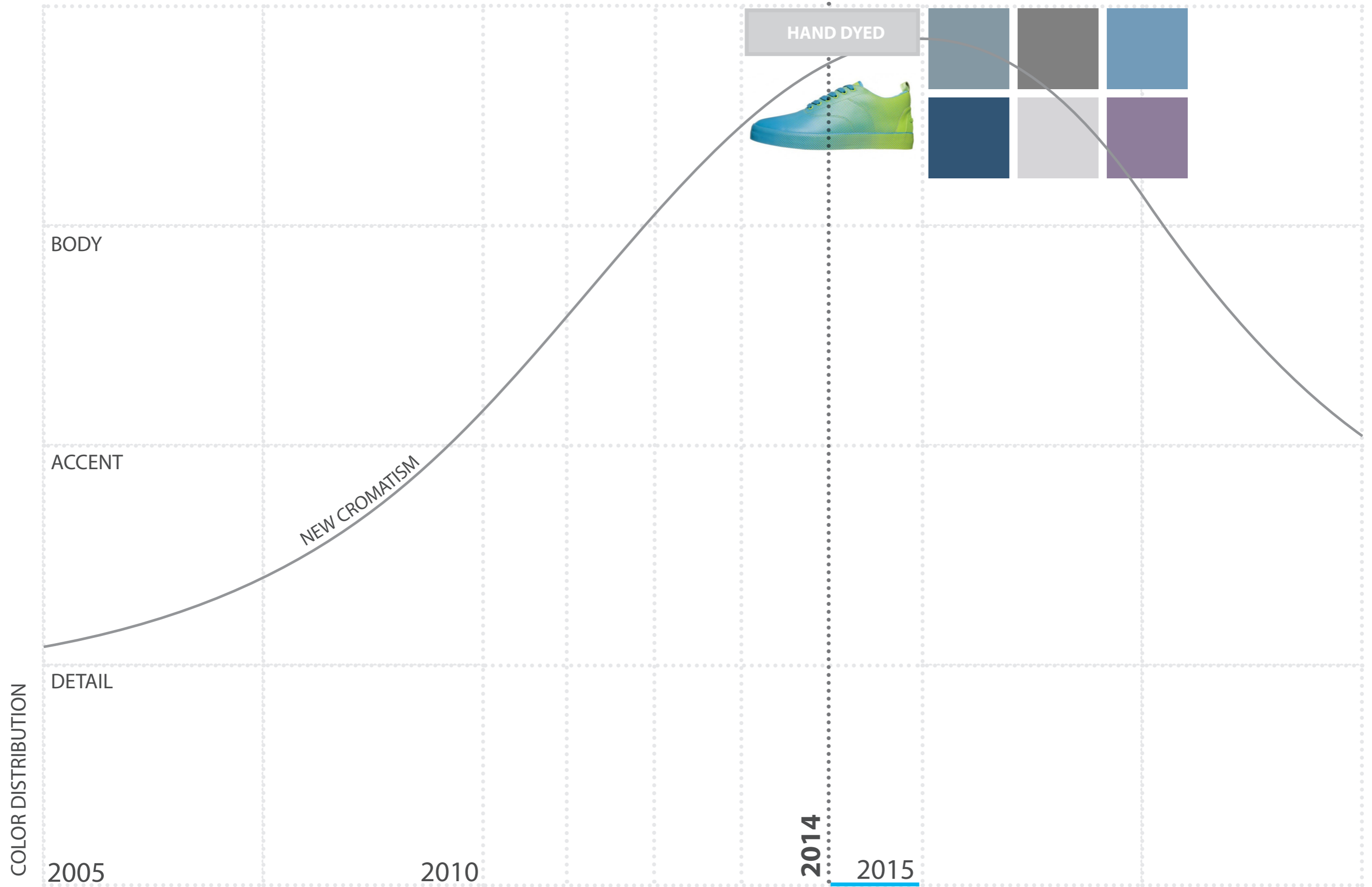
Melting Pot_Timeline



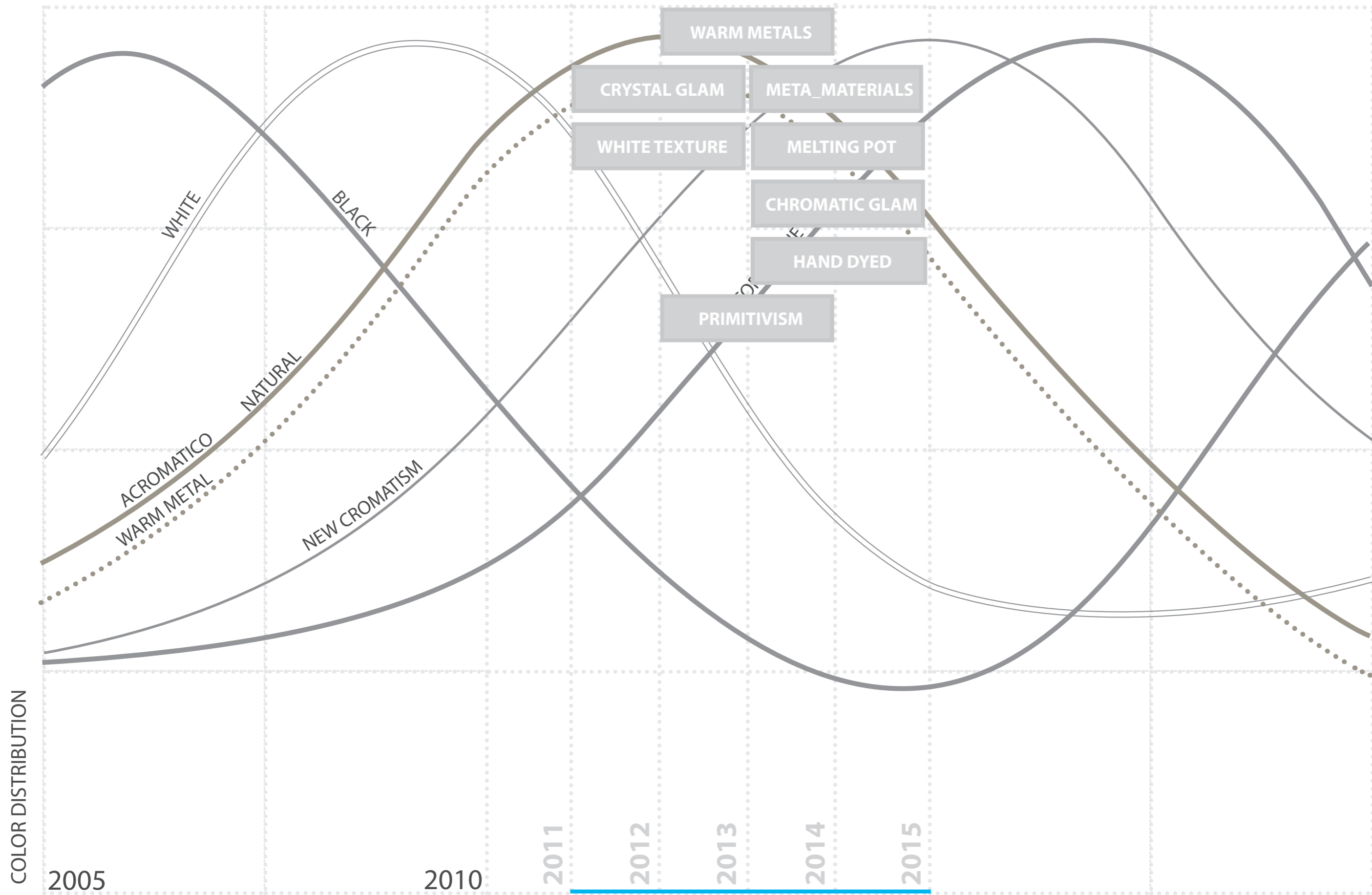
Chromatic Glam_Timeline



Hand Dyed_Timeline



Timeline_Occhiali



Desire_COLOR CARD

Primitivism

Warm Metals

Crystal Glam

White Texture

The collage consists of four overlapping mood boards. The top board, 'Primitivism', features organic, earthy forms. The second board, 'Warm Metals', includes a dark car, metallic textures, and color swatches labeled 'Munsell 2.5Y 8/2' and 'Munsell N 3'. The third board, 'Crystal Glam', shows sunglasses, a shiny raincoat, and crystal structures, with a color swatch labeled 'Munsell 10PB 6/1'. The bottom board, 'White Texture', features woven and quilted textures, a chair, and a lamp, with color swatches labeled 'Munsell 10Y 9/1', 'Munsell 2.5Y 8/2', and 'Munsell 10R 7/1'.



COLOR CARD

					
Munsell N 9.5/	Munsell N 8/	Munsell N 6/	Munsell N 4/	Munsell 2.5Y 8/2	Munsell 10YR 5/6
					
Munsell N 9/	Munsell N 7/	Munsell N 5/	Munsell N 3/	Munsell 10YR 6/2	Munsell 10YR 3/2
					
Munsell 10Y 8/1	Munsell 10R 7/1	Munsell 10YR 7/2	Munsell 10YR 6/4	Munsell 5Y 3/2	Munsell 7.5YR 3/4
					
Munsell 5Y 8.5/2	Munsell 2.5Y 7/4	Munsell 10YR 6/6	Munsell 10YR 5/2	Munsell N 2/	Munsell 7.5YR 3/2

COLOR CARD

 <p>Munsell 10YR 9/2</p>	 <p>Munsell 7.5R 5/14</p>	 <p>Munsell 10R 6/14</p>	 <p>Munsell 5R 3/10</p>	 <p>Munsell 5GY 7/6</p>	 <p>Munsell 10Y 6/1</p>
 <p>Munsell 10R 7/8</p>	 <p>Munsell 10R 6/10</p>	 <p>Munsell 7.5R 4/16</p>	 <p>Munsell 5R 2/8</p>	 <p>Munsell 5GY 7/10</p>	 <p>Munsell 2.5Y 2/2</p>
 <p>Munsell 5Y 8.5/14</p>	 <p>Munsell 2.5Y 8/16</p>	 <p>Munsell 5Y 6/4</p>	 <p>Munsell 7.5Y 7/2</p>	 <p>Munsell 5GY 6/8</p>	 <p>Munsell 7.5Y 4/4</p>
 <p>Munsell 5Y 8/8</p>	 <p>Munsell 10YR 6/10</p>	 <p>Munsell 2.5Y 6/4</p>	 <p>Munsell 7.5Y 5/2</p>	 <p>Munsell 2.5GY 4/6</p>	 <p>Munsell 5G 3/4</p>

COLOR CARD

 <p>Munsell 5G 9/1</p>	 <p>Munsell 5B 9/1</p>	 <p>Munsell 10BG 7/1</p>	 <p>Munsell 2.5BG 7/2</p>	 <p>Munsell 5B 5/6</p>	 <p>Munsell 10B 6/6</p>
 <p>Munsell 5G 6/4</p>	 <p>Munsell 10BG 8/1</p>	 <p>Munsell 2.5B 6/4</p>	 <p>Munsell 10BG 7/6</p>	 <p>Munsell 10BG 5/8</p>	 <p>Munsell 10B 5/12</p>
 <p>Munsell 5G 5/10</p>	 <p>Munsell 10B 8/2</p>	 <p>Munsell 7.5B 6/2</p>	 <p>Munsell 10BG 7/4</p>	 <p>Munsell 7.5B 4/2</p>	 <p>Munsell 10B 4/4</p>
 <p>Munsell 5G 4/2</p>	 <p>Munsell 5B 7/2</p>	 <p>Munsell 7.5B 5/4</p>	 <p>Munsell 5B 5/10</p>	 <p>Munsell 10BG 3/1</p>	 <p>Munsell 7.5B 2/4</p>

COLOR CARD

 <p>Munsell 5PB 8/2</p>	 <p>Munsell 7.5RP 8/2</p>	 <p>Munsell 7.5RP 6/12</p>	 <p>Munsell 10PB 6/4</p>	 <p>Munsell 7.5PB 5/6</p>	
 <p>Munsell 10PB 8/1</p>	 <p>Munsell 7.5RP 6/4</p>	 <p>Munsell 10RP 4/14</p>	 <p>Munsell 10PB 4/12</p>	 <p>Munsell 7.5PB 4/12</p>	
 <p>Munsell 7.5P 7/2</p>	 <p>Munsell 7.5RP 6/6</p>	 <p>Munsell 5RP 4/12</p>	 <p>Munsell 10PB 4/6</p>	 <p>Munsell 5PB 2/8</p>	
 <p>Munsell 5B 2/2</p>	 <p>Munsell 7.5RP 5/14</p>	 <p>Munsell 5RP 3/6</p>	 <p>Munsell 10PB 3/6</p>	 <p>Munsell 5P 2/1</p>	

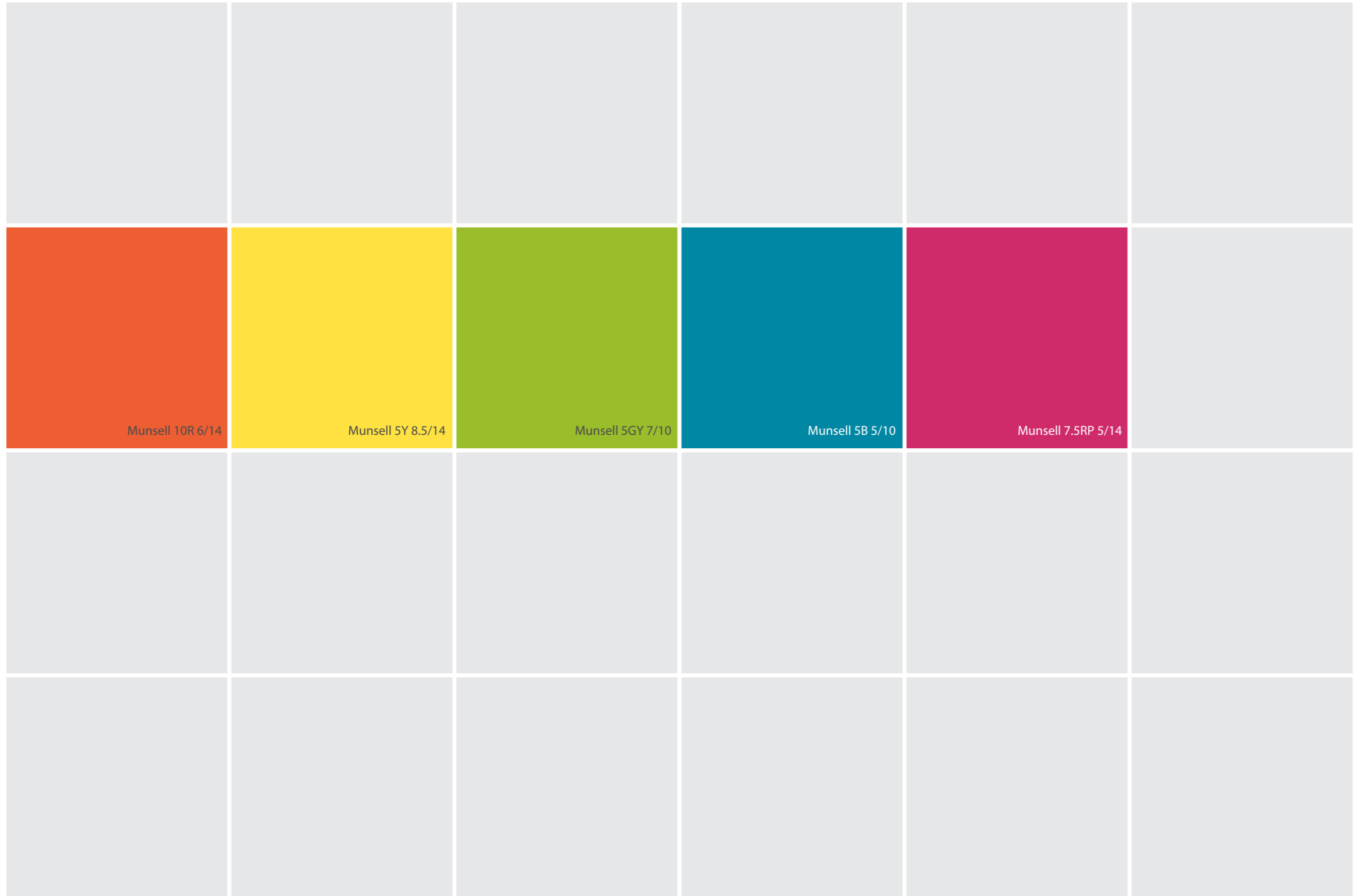
COLOR CARD _ OFF WHITES_ Chiarezza Massima/ Saturazione Minim

Munsell 10YR 9/2	Munsell 10Y 9/1	Munsell 5G 9/1	Munsell 10BG 8/1	Munsell 5B 9/1	Munsell 10B 8/2
Munsell 5PB 8/2	Munsell 10PB 8/1	Munsell 7.5RP 8/2			

LIGHT TONAL

Munsell 10R 7/8	Munsell 7.5Y 8/2	Munsell 7.5Y 7/2	Munsell 10BG 7/1	Munsell 5B 7/2	Munsell 5B 7/2
Munsell 7.5RP 6/6					

COLOR CARD _ACCENTI_Chiarezza Media / Saturazione Massima



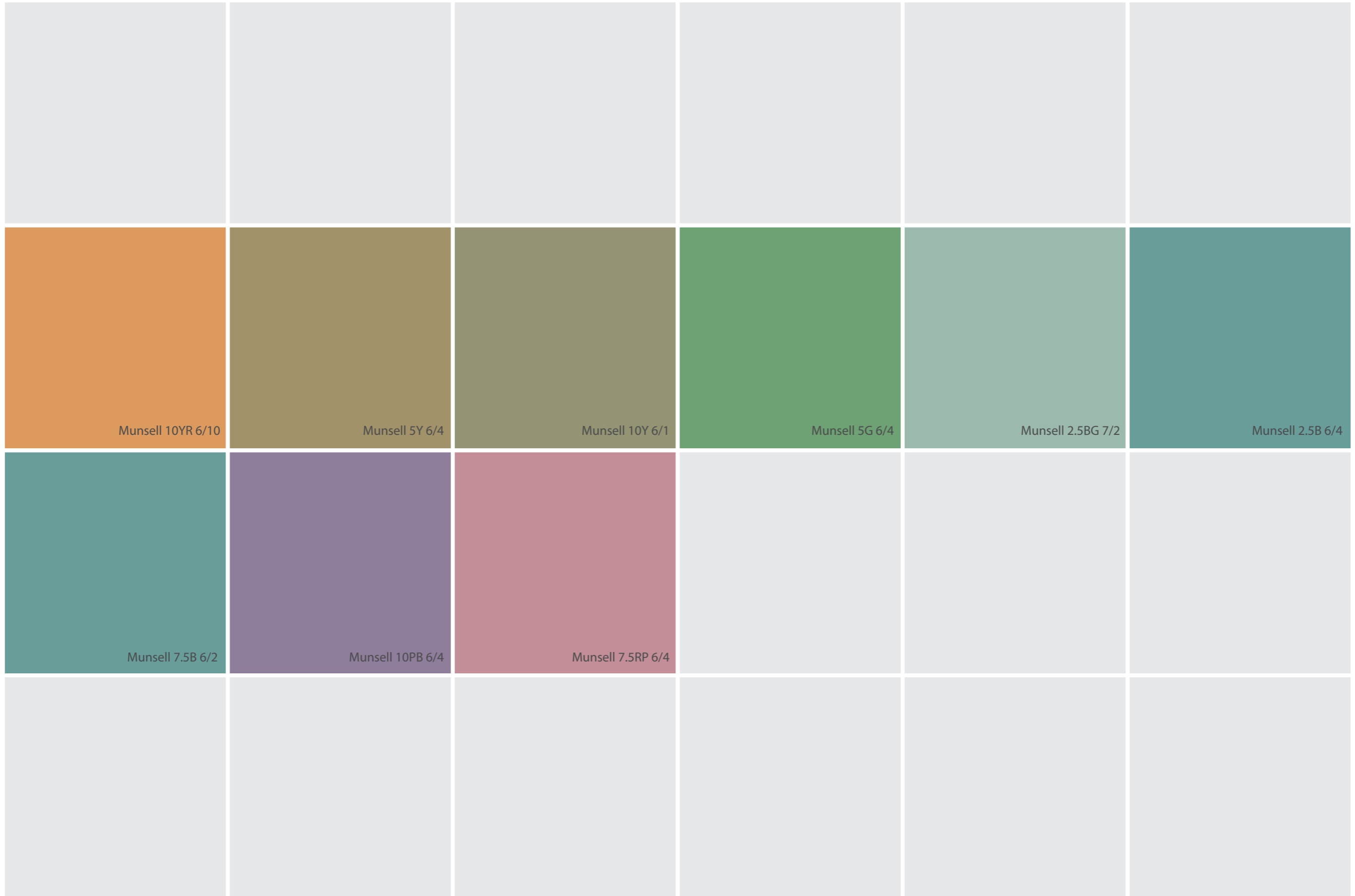
COLOR CARD _BRIGHT_ Chiarezza Media / Saturazione Medio Alta



COLOR CARD _VIVID_ Chiarezza Media / Massima Saturazione

Munsell 7.5R 4/16	Munsell 7.5R 5/14	Munsell 2.5Y 8/16	Munsell 10Y 8.5/12	Munsell 5GY 6/8	Munsell 5G 5/10
Munsell 10BG 5/8	Munsell 10B 5/12	Munsell 7.5PB 4/12	Munsell 10PB 4/12	Munsell 10RP 4/14	

COLOR CARD _TONALI_Chiarezza Media / saturazione Bassa



COLOR CARD _NATURAL & NEUTRAL / Basse saturazioni

Munsell N 9.5/	Munsell N 9/	Munsell N 8/	Munsell N 7/	Munsell N 6/	Munsell N 5/
Munsell N 4/	Munsell N 3/	Munsell N 2/	Munsell 7.5YR 3/2		
Munsell 10Y 8/1	Munsell 10YR 7/2	Munsell 10R 7/1	Munsell 10YR 6/2	Munsell 10YR 5/2	Munsell 10YR 3/2
Munsell 5Y 8.5/2	Munsell 2.5Y 8/2	Munsell 2.5Y 7/4	Munsell 10YR 6/4	Munsell 10YR 6/6	Munsell 10YR 5/6

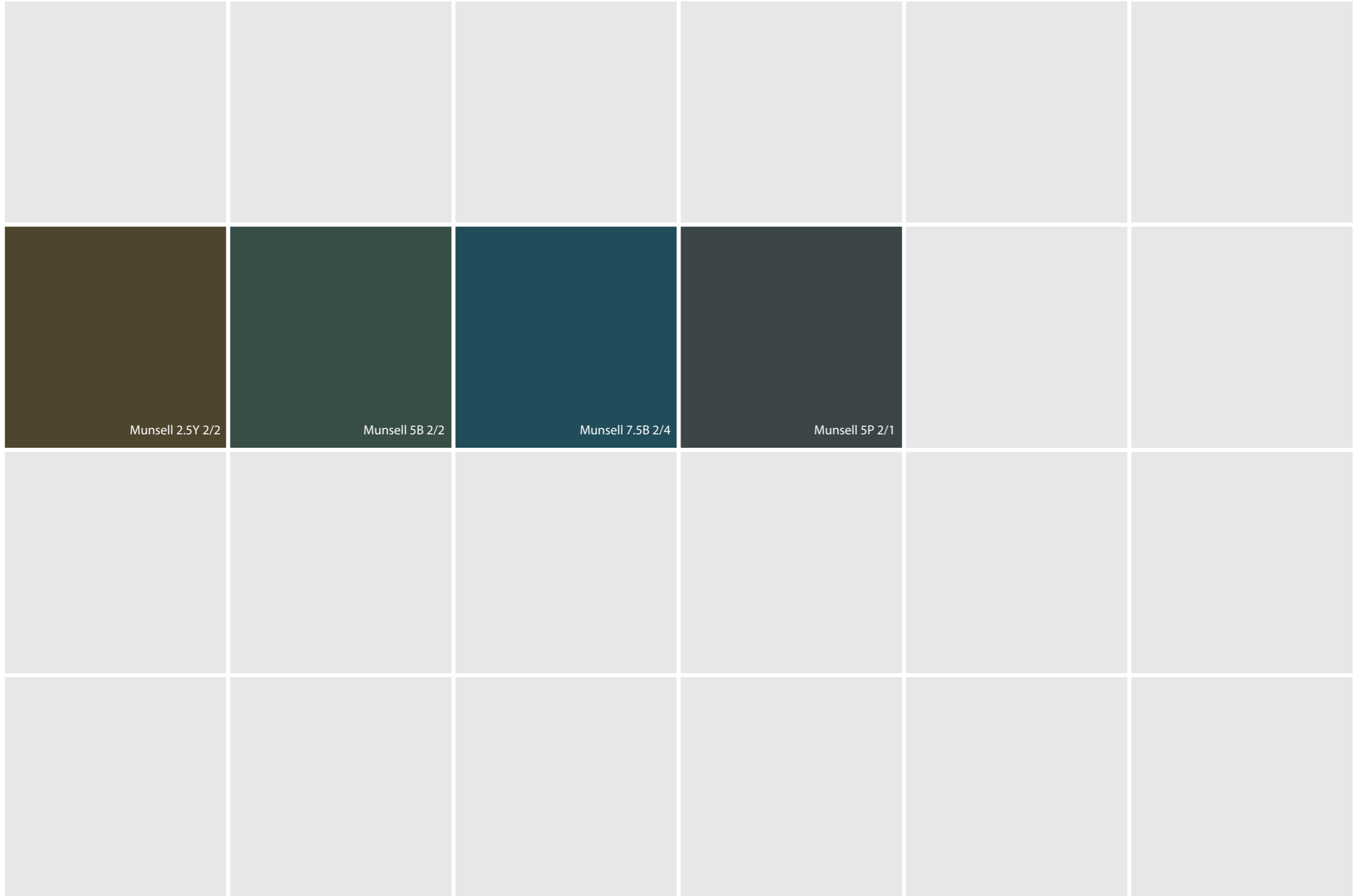
COLOR CARD_DARK TONAL



COLOR CARD_DARK_ Chiarezza minima / saturazione Media

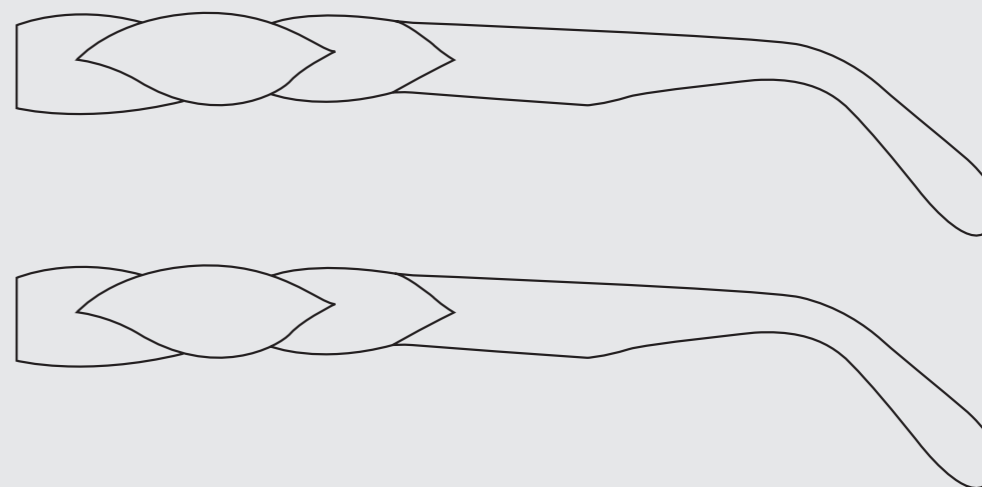
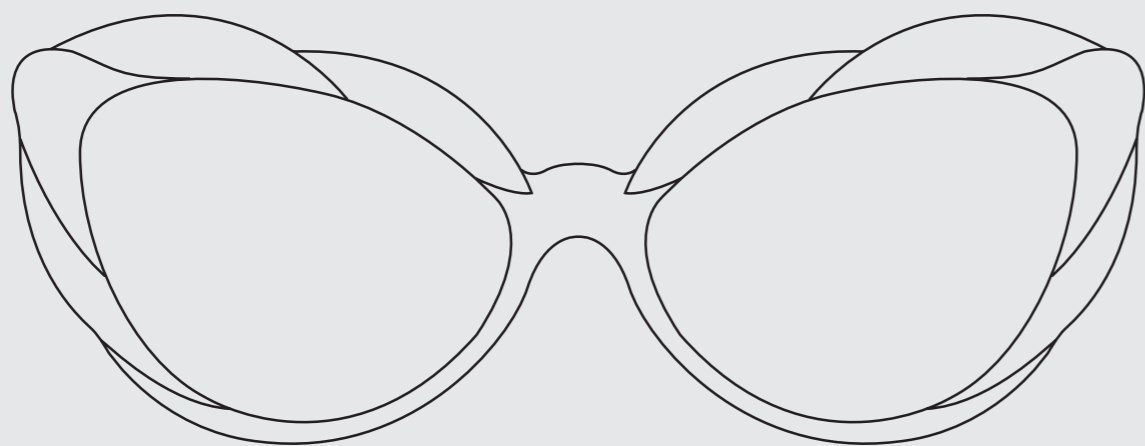


COLOR CARD_BLACK



Scheda CMF prodotto

MODELLO: I petali del fiore, Faofex.



FRONTE

PONTE

LENTI

CERNIERA

ASTE

DECORAZIONE

Munsell / Materiale

Munsell / Materiale

Munsell / Materiale

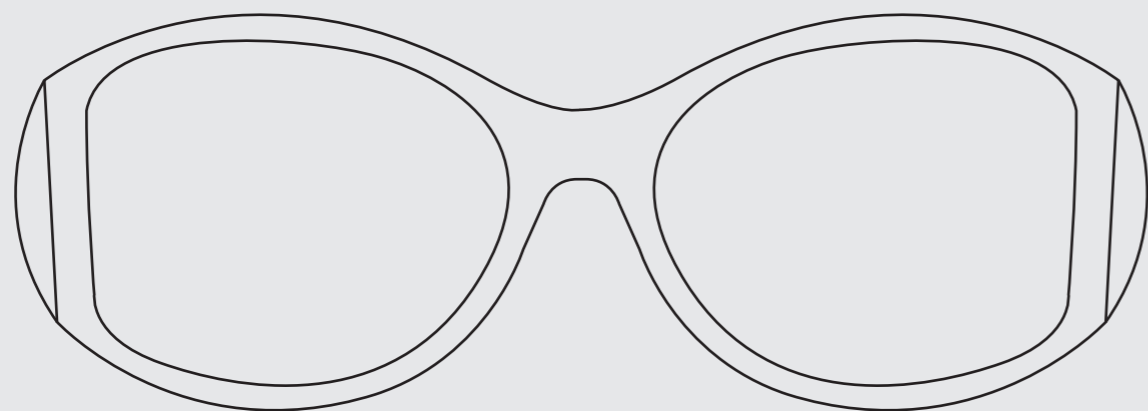
Munsell / Materiale

Munsell / Materiale

Munsell / Materiale

Scheda CMF prodotto

MODELLO: Gruppo Stramare, Stile Italiano



FRONTE

PONTE

LENTI

ASTA

ASTA

DECORAZIONE

Munsell / Materiale

Munsell / Materiale

Munsell / Materiale

Munsell / Materiale

Munsell / Materiale

Munsell / Materiale

Desire_STRUMENTI DI PROGETTAZIONE DEL COLORE

SAMPLES_BOX

Per conservare campioni
di colore
Materiali e Finiture
interessanti.



Armonie Metacromatiche

