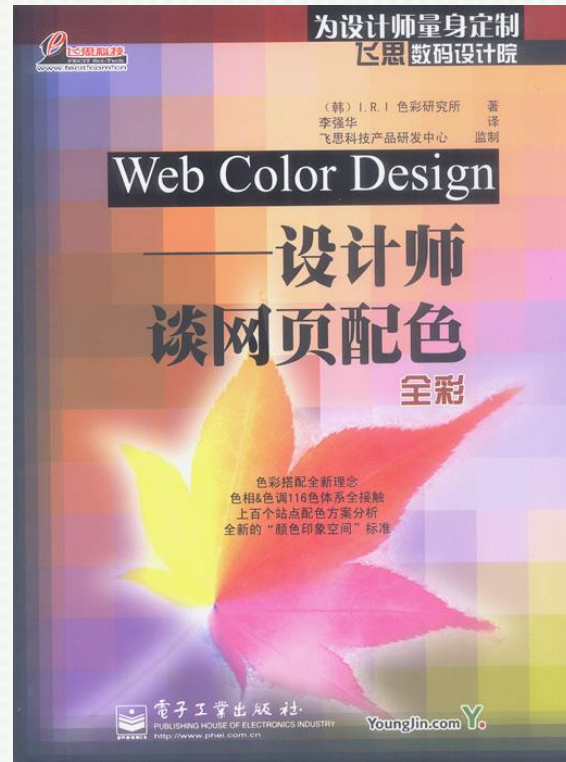




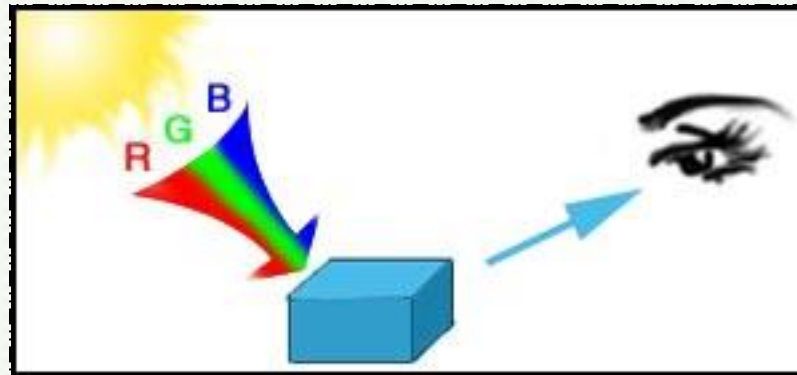
Web Color Design

Suggested Tools – Reference Books



What Is Color?

- Color is the by-product of the spectrum of light, as it is reflected or absorbed, as received by the human eye and processed by the human brain.

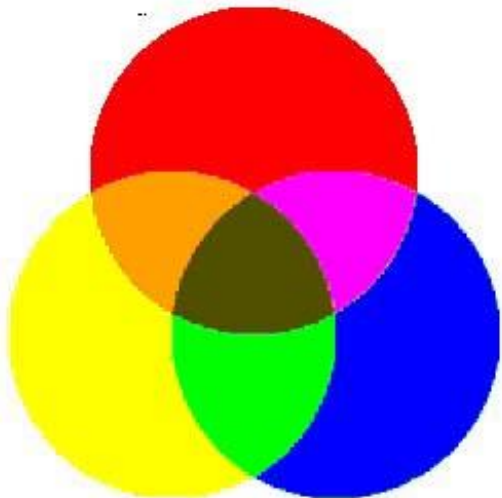


What Is Color?

- The world is full of light. Visible light is made of seven wavelength groups.
- The reddish colors are the long wavelengths. The greenish colors are the mid-size wavelengths. The bluish color are the short wavelengths.

Paint Colors Model

- This is the system that you probably learned in grade school, using poster paints or crayons. It is included here for the sake of comparison, since many people will remember it and perhaps wonder why the colors we use on computers are different.



Primary colors: red, yellow, blue

Secondary colors:

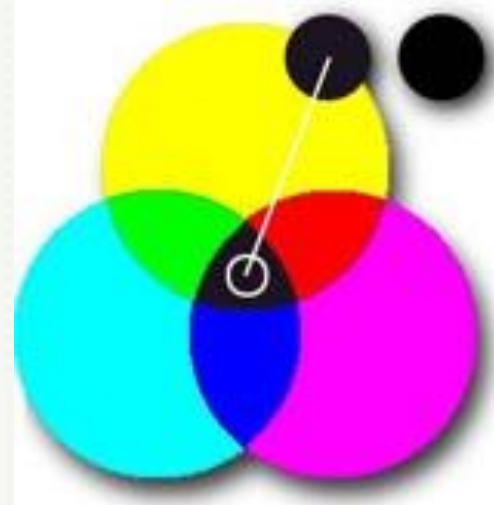
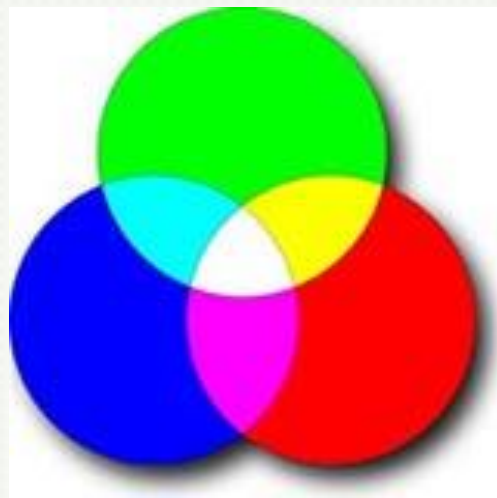
orange = red + yellow,

green = yellow + blue,

purple = blue + red.

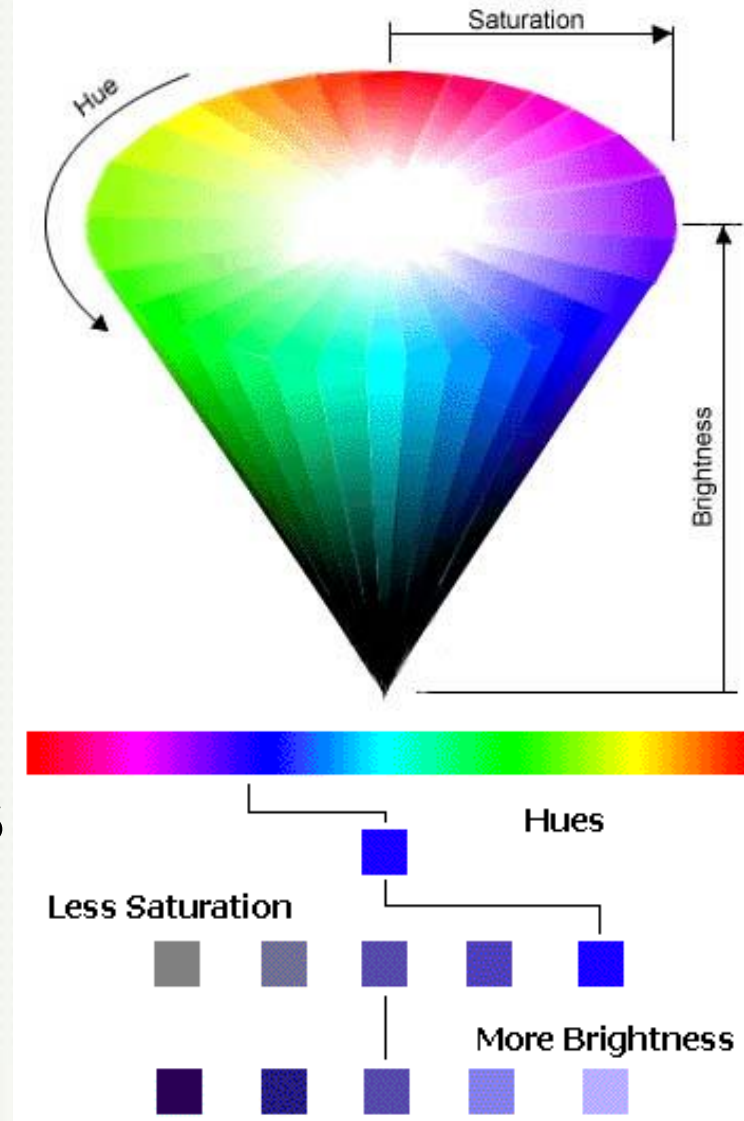
Digital Color Models

- A color model is an abstract mathematical model describing the way colors can be represented as tuples of numbers, typically as three or four values or color components.
- RGB Red, Green, Blue
- CMYK Cyan, Magenta, Yellow, Black



Color Models

- HSB
- Hue is the actual color.
- Saturation is the purity of the color.
- Brightness is the relative lightness or darkness of a particular color. Brightness is also called Lightness in some contexts.



Color Field



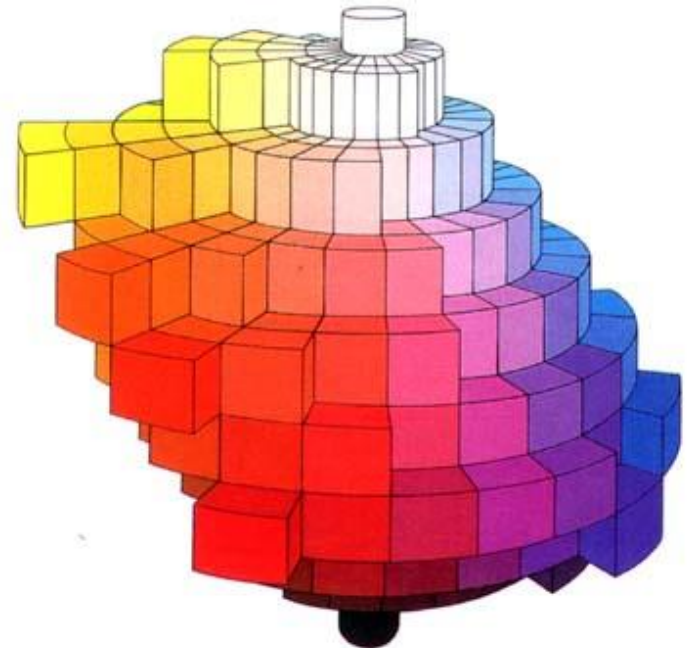
Color Wheels

- Color wheels are a way to arrange colors, making it easier to select a palette that works.

奥斯特华德色系 Der Farbatlas



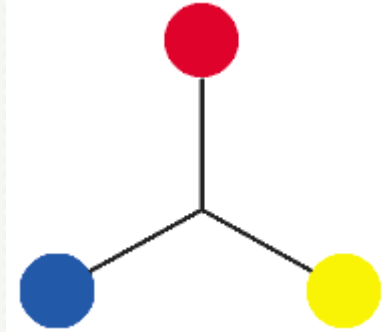
Munsell Color System



12 Hue Wheel

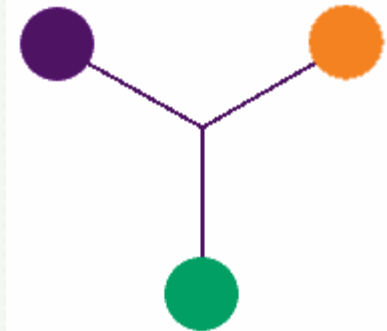
primary hues:

colors are the defining colors of the wheel.



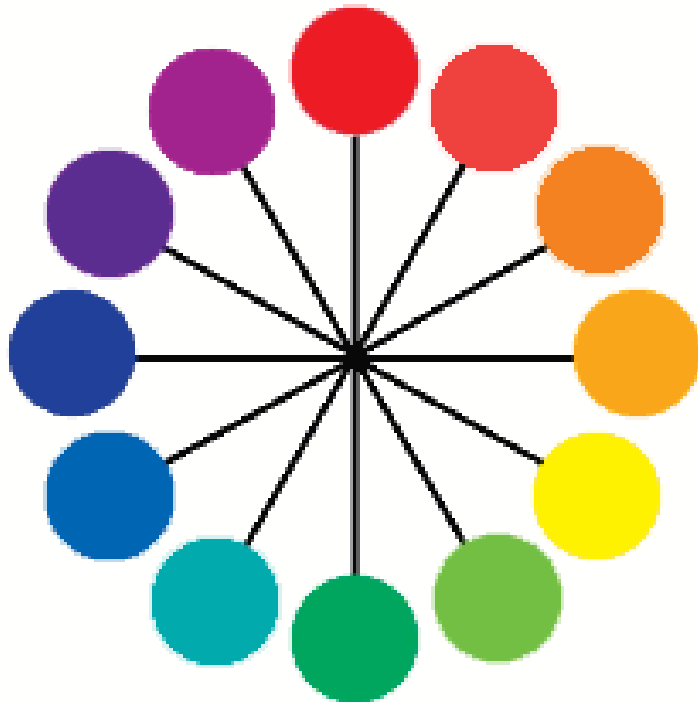
secondary hues

colors are the three colors that are equal distant from the primary colors.



tertiary hues

colors are the colors between each primary and secondary color.



10 Hue Wheel

Red
 Yellow Red
 Yellow
 Green Yellow
 Green
 Blue Green
 Blue
 Purple Blue
 Purple
 Red Purple

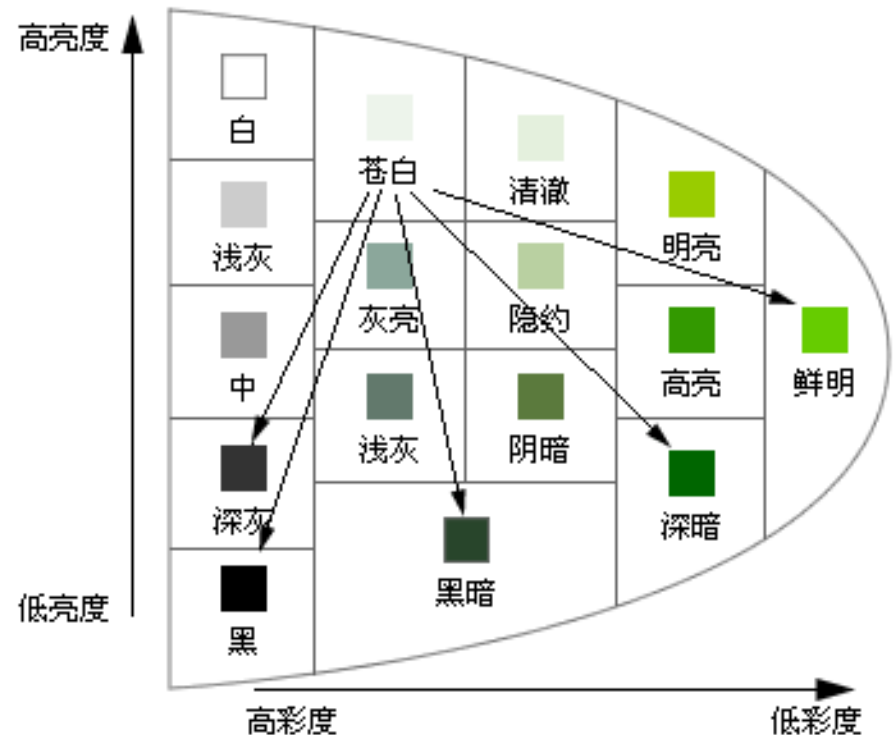
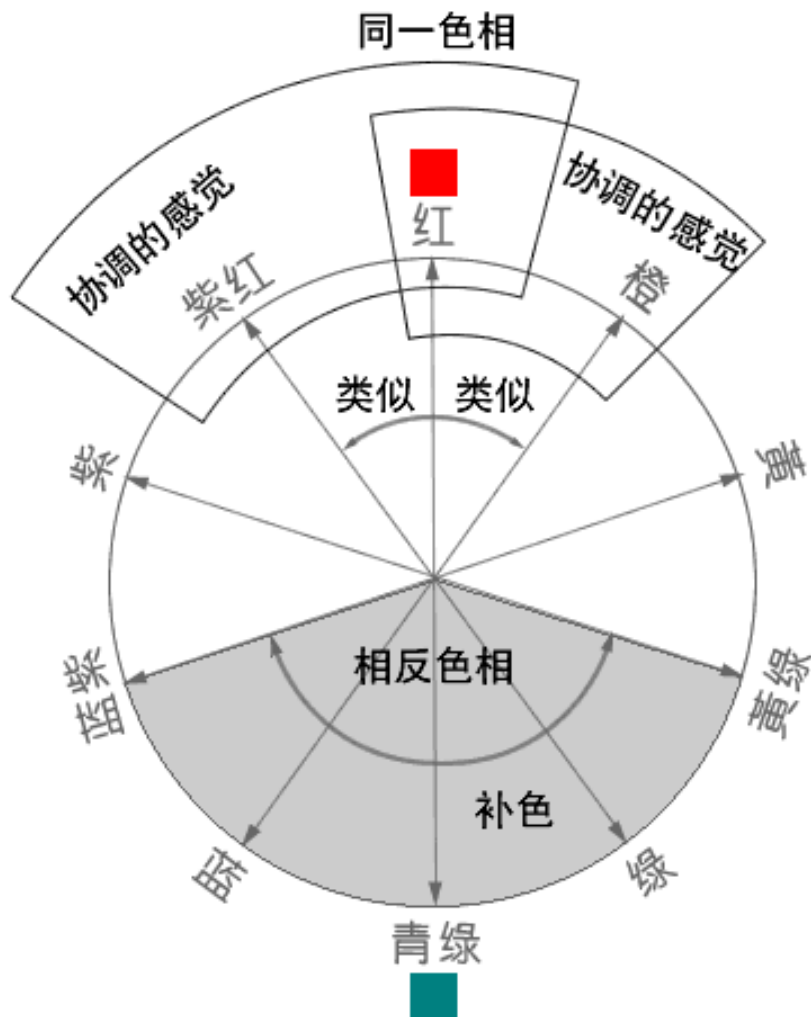


Basic Match Colors

- 无色设计(achromatic)
- 类比设计(analogous)
- 冲突设计(clash)
- 互补设计(complement)
- 单色设计(monochromatic)
- 中性设计(neutral)
- 分裂补色设计(split complement)
- 原色设计(primary)
- 二次色设计(secondary)
- 三次色三色设计(tertiary)



Based on Hue or Tone

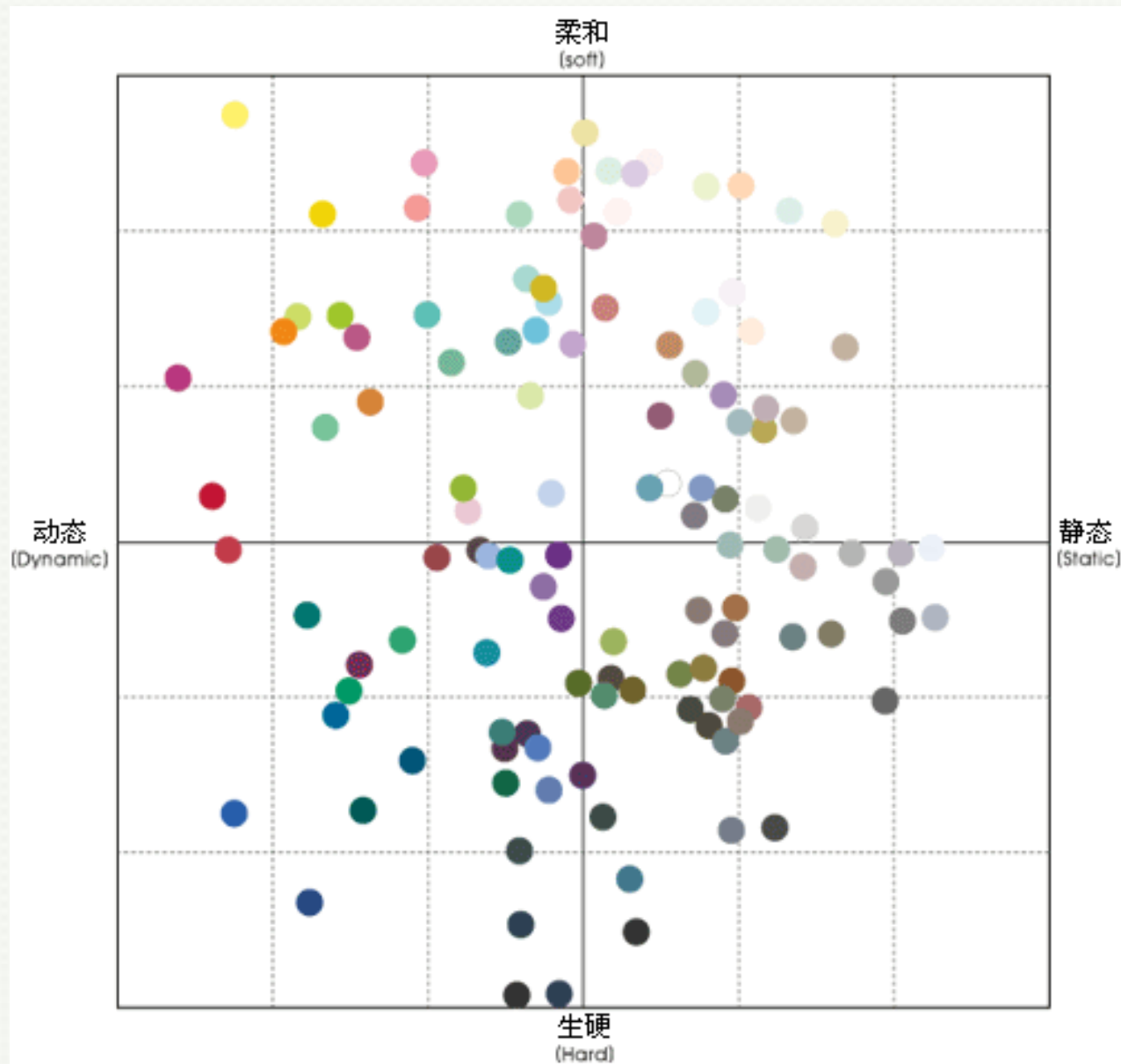


Hue & Tone 116

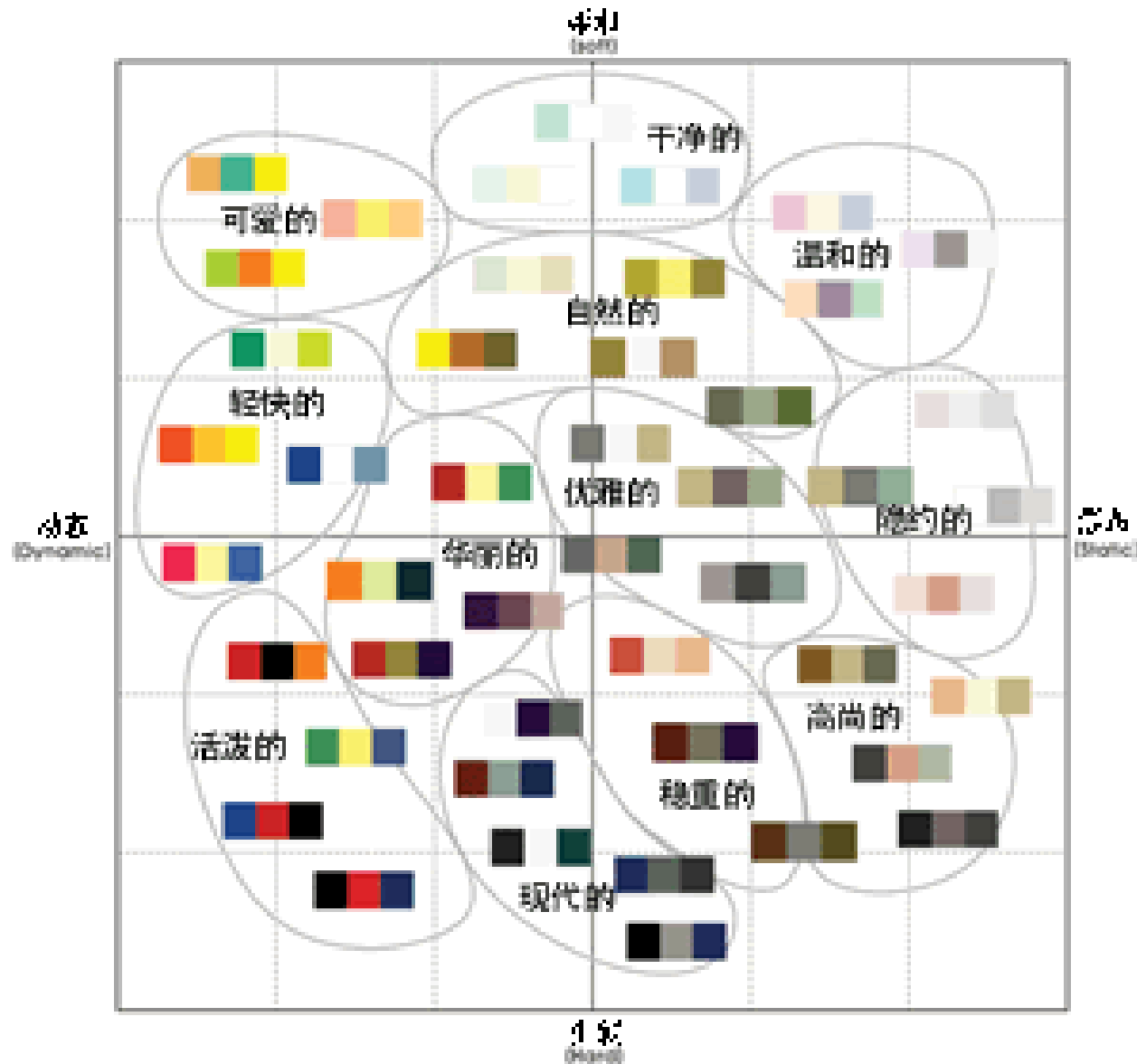
	R	YR	Y	GY	G	BG	B	PB	P	RP
V										
	#FF0033	#FF9900	#FFFF00	#99FF33	#00FFCC	#00FFFF	#0099FF	#3366FF	#CC33FF	#FF33CC
S										
	#CC3333	#FF6600	#CCCC00	#99CC00	#00CC99	#33CCCC	#0099CC	#3333FF	#9900CC	#CC3399
B										
	#FF6666	#FF9933	#FFFF66	#CCFF00	#33FFCC	#66FFFF	#3399FF	#0066FF	#CC66FF	#FF66CC
P										
	#FF9999	#FF9966	#FFFF99	#CCFF66	#66FFCC	#99FFFF	#33CCFF	#6666FF	#CC99FF	#FF99CC
VP										
	#FFCCCC	#FFCC99	#FFFFCC	#CCFF99	#CCFFCC	#CCFFFF	#99CCFF	#9999FF	#CCCCFF	#FFCCFF
LGr										
	#CC9999	#CC9966	#CCCC99	#99CC99	#99FFCC	#99CCCC	#66CCFF	#6699FF	#9999CC	#CC99CC
L										
	#CC6666	#CC9933	#CCCC66	#99CC66	#66CC99	#66CCCC	#3399CC	#0066CC	#9966CC	#CC6699
Gr										
	#996666	#996600	#999966	#669966	#339966	#669999	#6699CC	#6666CC	#666699	#996699
DI										
	#990033	#CC6600	#999933	#669933	#009966	#339999	#336699	#3366CC	#9933CC	#993399
Dp										
	#993333	#996633	#666600	#669900	#006633	#009999	#006699	#0033CC	#660099	#990066
Dk										
	#660033	#663300	#333300	#336600	#003300	#336666	#003366	#003399	#330066	#663366

N9.5	N9	N8	N7	N6	N5	N4	N3	N2	N1
#FFFFFF		#CCCCCC		#999999		#666666		#333333	#000000

Impression Space of Match Colors



Impression Space of Match Colors



How to define web color?

Color Name: aqua, black, blue, fuchsia, gray, green, lime, maroon, navy, olive, purple, red, silver, teal, white, and yellow

#RRGGBB

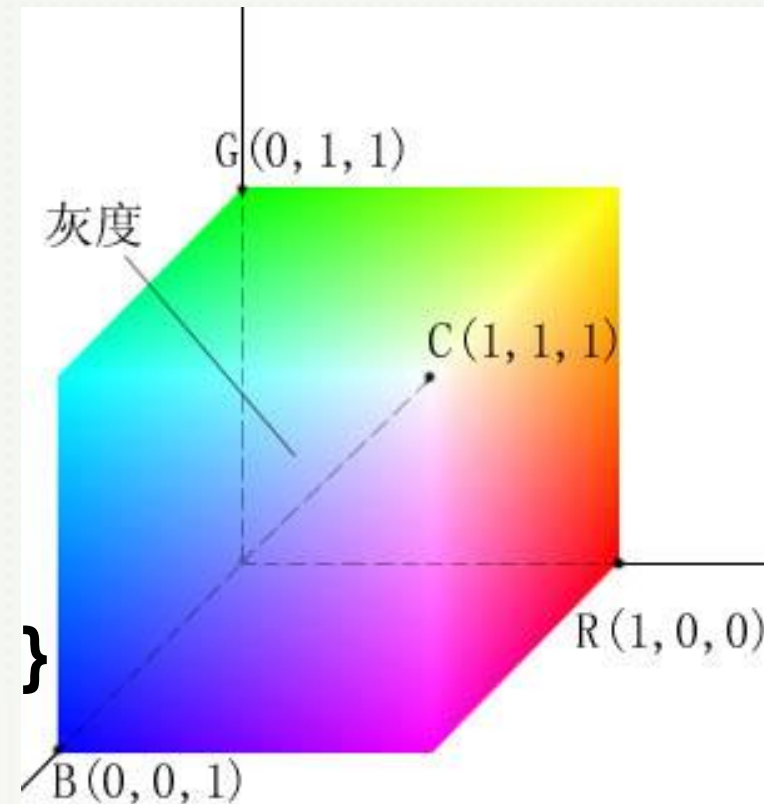
RGB (*R,G,B*)

```
p { color:red }
```

```
p { color:#ff0000 }
```

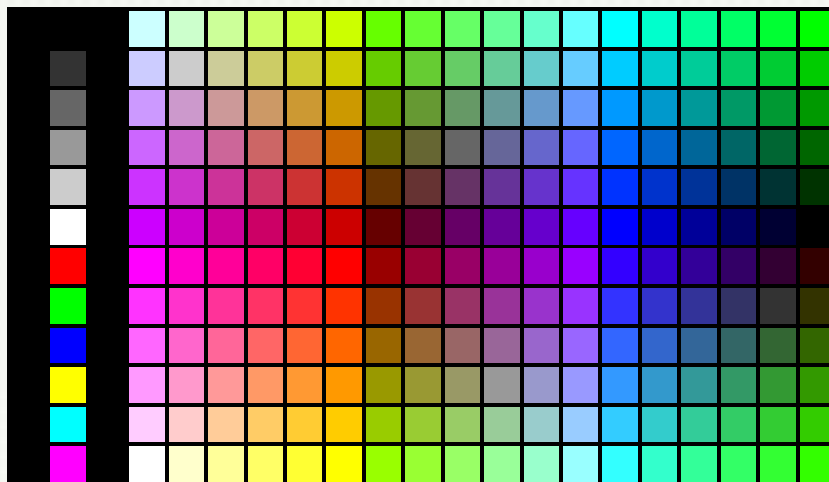
```
p { color:rgb(255,0,0) }
```

```
p { color:rgb(100%, 0%, 0%) }
```



Safety color palette

- The safety color palette is a set of 216 different colors that should be used in images designed for the World Wide Web. By using this set of colors, you minimize the risk of unwanted dithering in your images.



彩色系(Chromatic Colors) 210

非彩色系(Achromatic Colors) 6

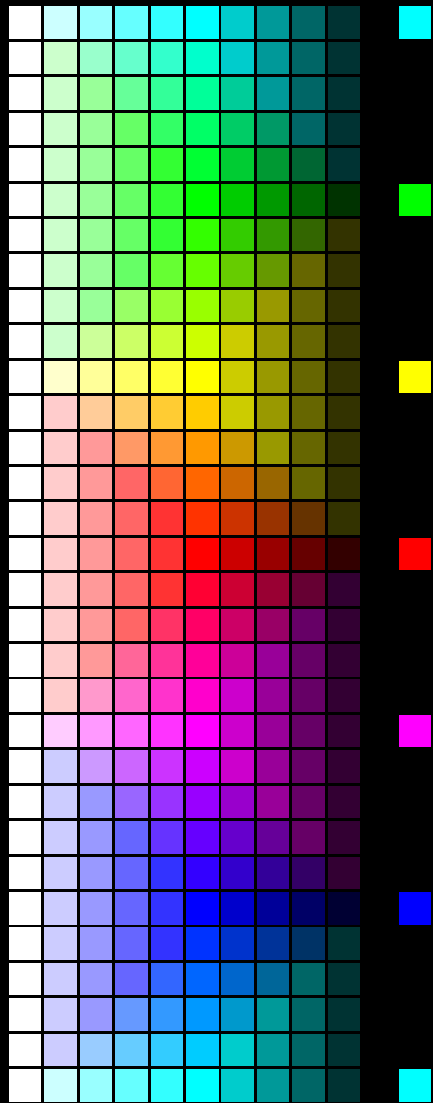
00 33 66 99 CC FF
0 51 102 153 204 255

#0033FF #3300FF

#00FF33 #33FF00

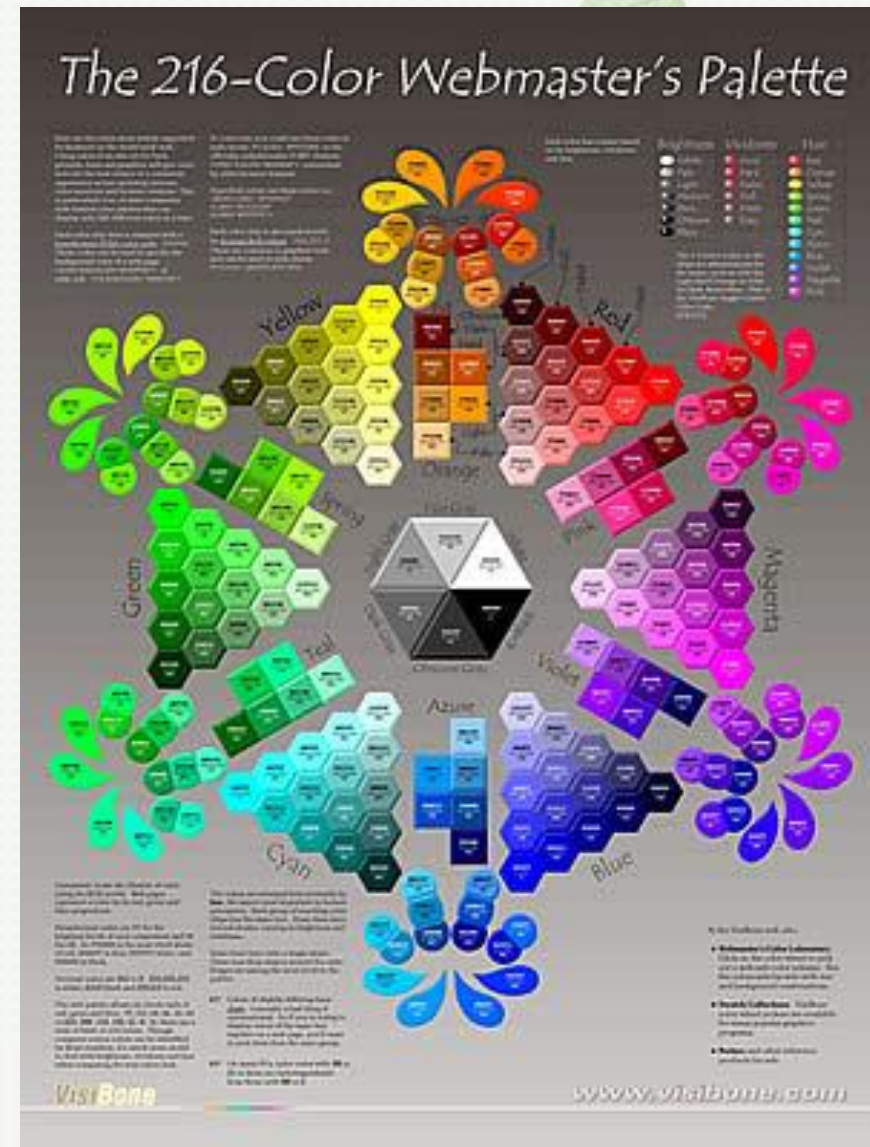
Safety color palette

- Browser-Safe Color Palette
- The Browser-Safe Palette, as I so named it, is the actual palette that Mosaic, Netscape, and Internet Explorer use within their browsers. The palettes used by these browsers are slightly different on Macs and PCs. This palette is based on math, not beauty.



Safety color palette

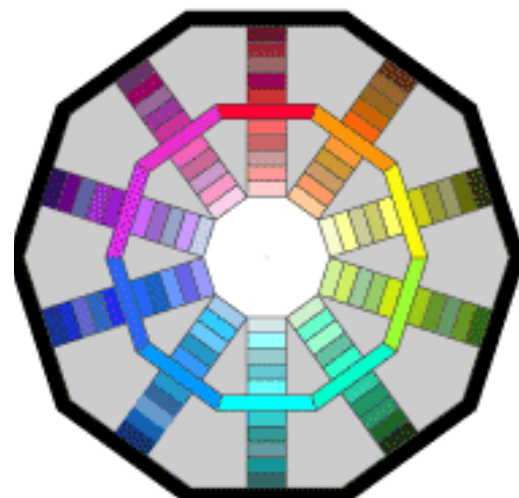
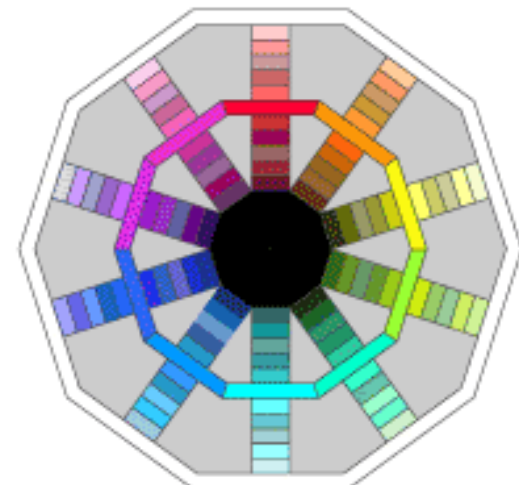
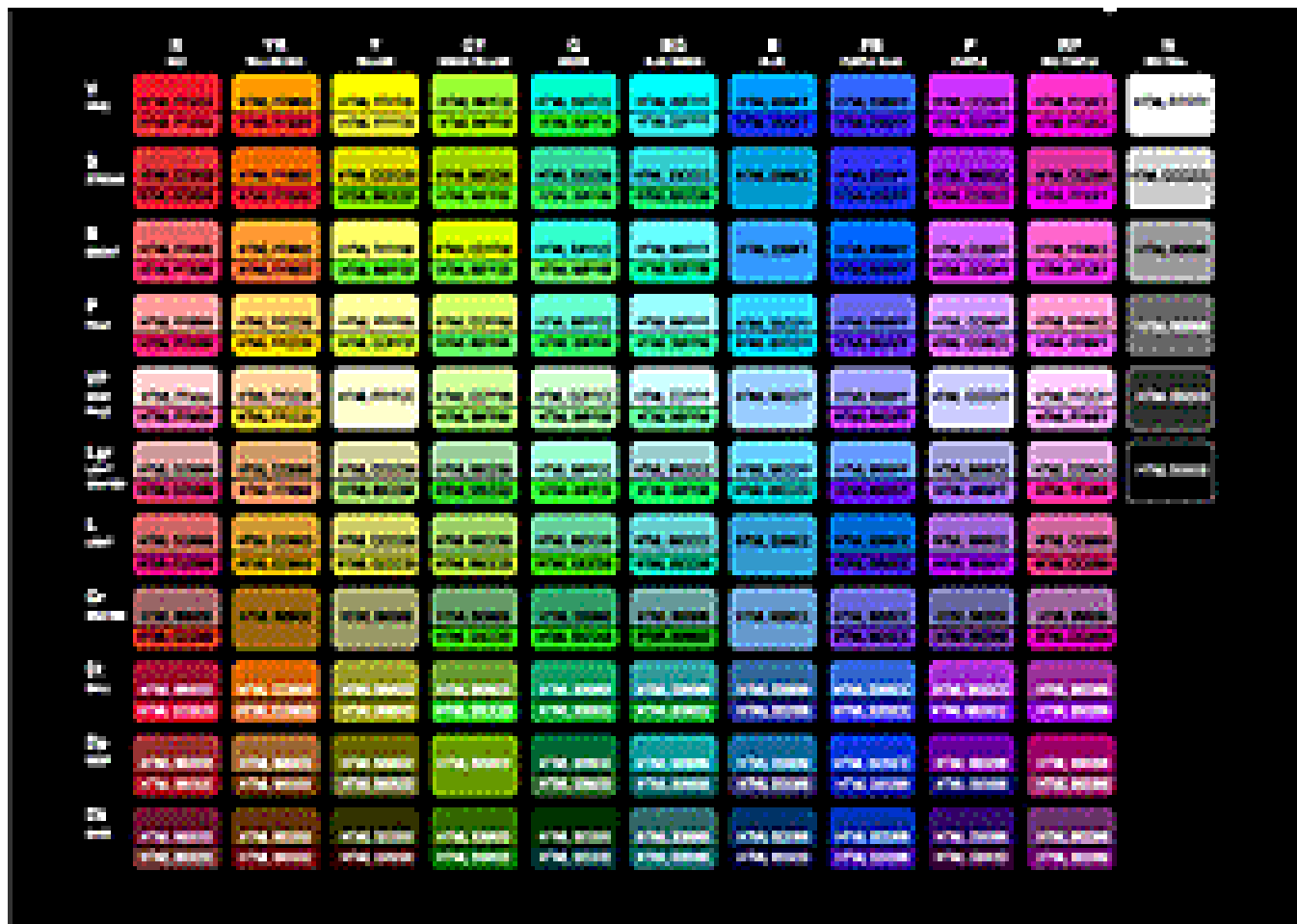
- 216-Color Webmaster's Palette
- All 216 universal browser-safe colors are arranged symmetrically by hue in a color wheel. Includes the original open airy collection and a new, ruthlessly compact collection.



Safety color palette

- I.R.I Web Color Sense Palette Series

- Hue & Tone 216 Palette



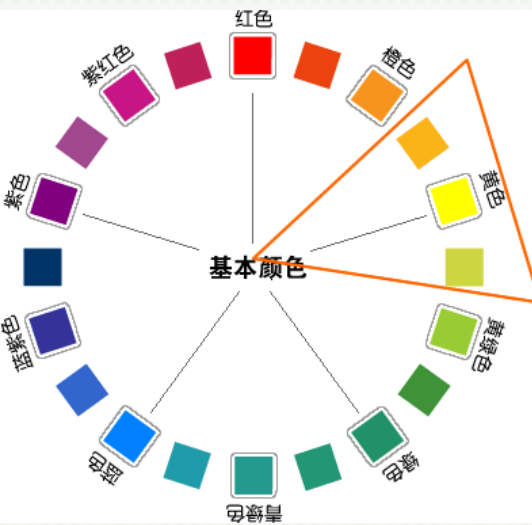
Classified Design by Color

- Yellow Red



Classified Design by Color

- Yellow



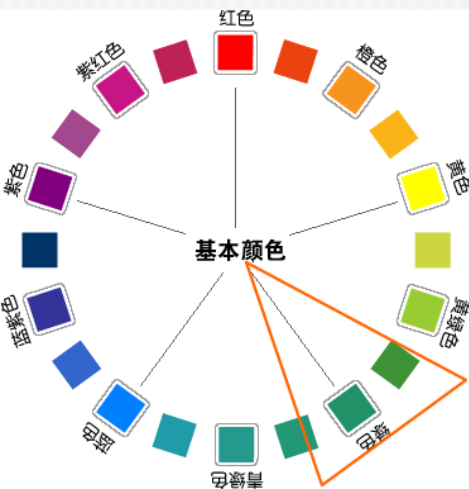
Classified Design by Color

- Yellow Green



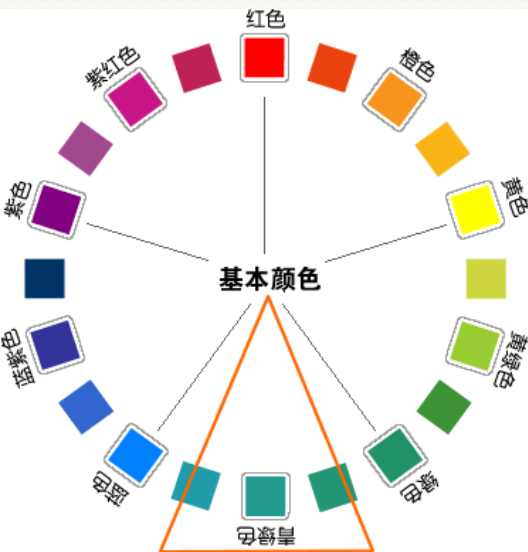
Classified Design by Color

- Green



Classified Design by Color

- Blue Green



免费

重复 ※ 暂停

故事概述 演员阵容 视频欣赏 幕后班底 剧照欣赏

SOUND OFF 静音

12.22 前缘再续

冯小刚贺岁作品

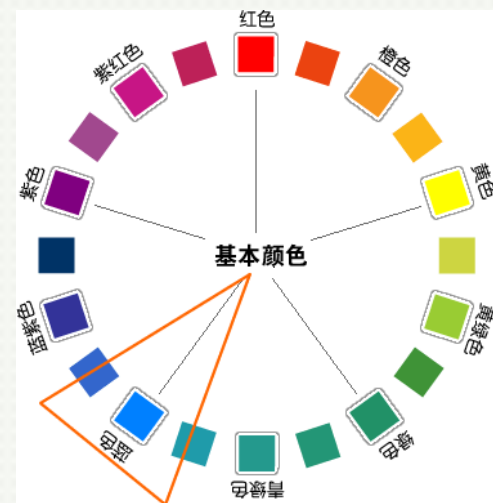
华谊兄弟传媒股份有限公司 出品
北京冯小刚影视文化工作室 英皇影业有限公司 浙江影视(集团)有限公司 华谊兄弟国际有限公司 联合出品
中国电影合作制片公司 监制
冯小刚 作品

领衔主演 葛优 舒淇 主演 孙红雷 姚晨 联合主演 安以轩 邢凡 邵兵 郑晓宁 关晓彤
特别演出 宋文涛 赵宝刚 乐嘉 张黎子 张白 张涵予
监制 吕乐 美术指导 石海鹰 作曲 宋柯 录音指导 吴江 剪辑/电编/调色指导 肖洋
剪辑 杨应恺 程蔚东 监制 张大军 李威 执行制片人 胡晓峰 制片人 王正 胡晓峰
总策划 张慧光 刘晓明 总制片人 陈国富 总制片人 王中军 冯小刚
联合出品人 杨受成 王同元 出品人 王中军
编剧 王朔 冯小刚 导演 冯小刚
©2010 华谊兄弟传媒股份有限公司 版权所有
华谊兄弟传媒股份有限公司 发行
中国电影集团公司 电影发行放映分公司 中影集团数字电影发展有限公司 联合发行
www.hbpictures.com

Gomye

Classified Design by Color

- Blue



网上世博会 精彩世博, 一网打尽.

开幕第 118 天 | 我的护照 | 软件下载 | 展馆列表 | 世博网 | 掌上世博

登录 | 注册 | 帮助 | English | 搜索新闻

首页 INDEX | 未来之旅 AF | 我要留影2030 MY PHOTO | 留影2030 照片集 GALLERY | 活动规则 RULES | 心动世博 | 试用试驾

上海通用汽车邀请您参加
“留影2030”活动

PICTURE YOURSELF TO 2030
留影2030

输入您在上汽集团-通用汽车馆中获得的留影2030卡片正面ID及PW号码, 即可查看您在现场拍摄的照片, 并可以与未来概念车在线合影哦!

请在此输入卡片正面ID及PW号码

ID:

PW:

确定

查看演示 > 开始互动 >

将您在上汽集团-通用汽车馆长期展区获得的卡片有五黑色方框标识对准电脑摄像头, 即可开始2030未来之旅, 零距体验3D未来概念车。

©2010 上汽集团-通用汽车馆 ICP备05015204号

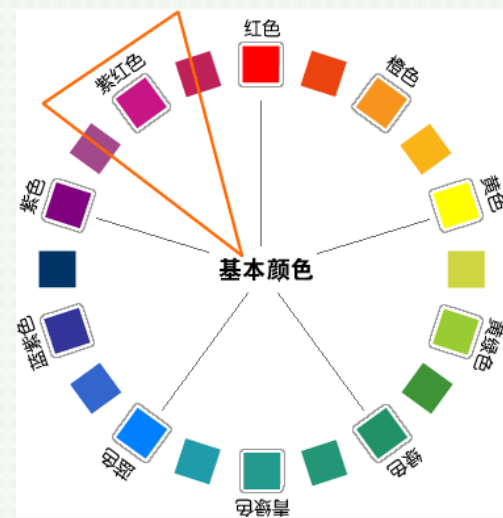
Classified Design by Color

• Purple Blue



Classified Design by Color

- Red Purple



Website Color Match



- Website oneness
- Match colors from Impression Space
- Pick colors from a Web-safe palette.
- Choose three or five colors



The End