

Converting Colors

YIQ(243.3580, 2.1080, 5.8520)

Have a look what the booklet for
YIQ(243.3580, 2.1080, 5.8520)
contains.

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Color

**YIQ(243.3580, 2.1080,
5.8520)**

Conversions

Conversions Part 1

Format	Color
Hex	F9EFFB
RGB	249, 239, 251
RGB Percent	98%, 94%, 98%
CMY	0.0235, 0.0627, 0.0157
CMYK	0.01, 0.05, 0.00, 0.02
HSL	290°, 60%, 96%
HSV	290°, 5%, 98%
XYZ	87.3476, 88.8368, 103.8101
YIQ	243.3580, 2.1080, 5.8520

Conversions

Conversions Part 2

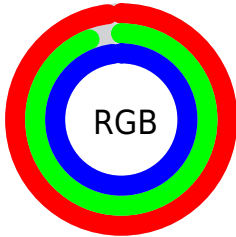
Format	Color
R _Y B	249, 239, 251
Decimal	16379899
CIE Lab	95.51, 5.46, -4.58
CIE LCh	96, 7.129, 320.002
Yxy	88.8368, 0.3120, 0.3173
Android (android.graphics.Color)	4294569979 (0xFF9EFFB)
YUV	243.3580, 3.7675, 4.9480
Hunter-Lab	94.2533, 0.4786, 0.6756

Details

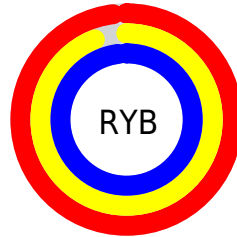
The YIQ color $243.3580, 2.1080, 5.8520$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $246.6420, -2.1080, -5.8520$, and the grayscale version is $243.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $187.3580, 2.1080, 5.8520$ is the 20% darker color. If you saturate the color by 10%, you get $227.4870, 6.5990, 18.0790$, and if you desaturate by 10%, it is $253.9460, 0.0920, -1.6680$.

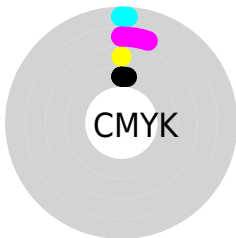
Distribution



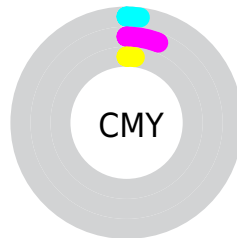
- Red (98%)
- Green (94%)
- Blue (98%)



- Red (98%)
- Yellow (94%)
- Blue (98%)



- Cyan (1%)
- Magenta (5%)
- Yellow (0%)
- Black (2%)



- Cyan (2%)
- Magenta (6%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 243.3580, 2.1080, 5.8520 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 243.3580, 2.1080, 5.8520 by changing the saturation by 10% instead.

243.3580, 2.1080,
5.8520

243.3580, 2.1080,
5.8520

255.0000, -0.0000,
-0.0000

214.9450, 1.8330,
5.3290

187.3580, 2.1080,
5.8520

159.9450, 1.8330,
5.3290

133.9450, 1.8330,
5.3290

108.8310, 2.1540,
5.0180

84.5320, 1.5580,
4.8060

61.4180, 1.8790,

4.4950

■ 39.4180, 1.8790,
4.4950

■ 18.5320, 1.5580,
4.8060

■ 243.3580, 2.1080,
5.8520

■ 243.3580, 2.1080,
5.8520

■ 227.4870, 6.5990,
18.0790

■ 253.9460, 0.0920,
-1.6680

■ 211.6160, 11.0900,
30.3060

■ 254.5440, 1.2840,
-1.2440

■ 195.7450, 15.5810,
42.5330

■ 179.5750, 19.4760,
54.5480

■ 163.7040, 23.9670,
66.7750

■ 147.2460, 28.7330,
79.5250

■ 131.3750, 33.2240,
91.7520

■ 115.5040, 37.7150,
103.9790

■ 99.6330, 42.2060,
116.2060

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



242.5960, -4.4940, 4.3540



243.3580, 2.1080, 5.8520



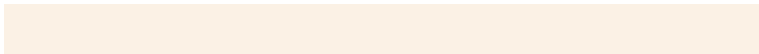
243.8810, 7.8850, 5.7810

Triad

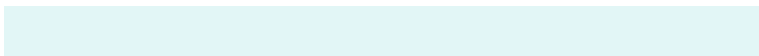
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



243.3580, 2.1080, 5.8520



242.6220, 9.8120, -1.6120



240.0200, -11.9200, -4.2400

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



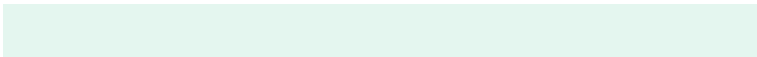
243.3580, 2.1080, 5.8520



246.6420, -2.1080, -5.8520

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



239.8200, -8.4810, -5.9930



243.3580, 2.1080, 5.8520



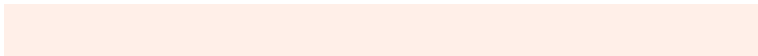
241.4040, 4.4940, -4.3540

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



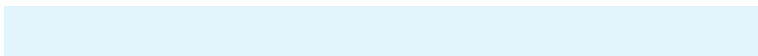
243.3580, 2.1080, 5.8520



242.9860, 11.7830, 1.2150



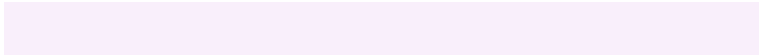
240.6420, -2.1080, -5.8520



240.4160, -12.9750, -1.6390

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



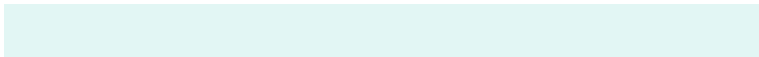
243.3580, 2.1080, 5.8520



243.3110, 9.4900, 4.2260



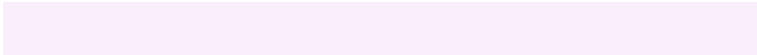
240.6420, -2.1080, -5.8520



239.7920, -11.2780, -4.8620

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



243.3580, 2.1080, 5.8520



253.2390, 0.8250, 1.5690



241.5420, -4.4020, 2.6860



126.5270, -0.0460, 0.8340



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



243.3580, 2.1080, 5.8520



245.2980, 2.3370, 7.2090



243.5000, 4.5840, 5.0320



119.1190, 1.2830, 4.2830



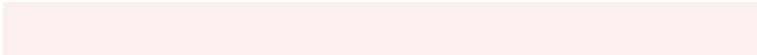
68.4890, 32.9030, 92.0630



22.2030, 10.8150, 29.7830

Inverse Universe

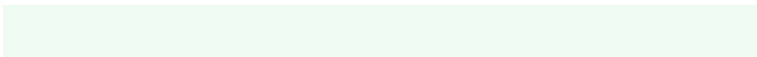
The Inverse Universe completely reimagines the original color for something new.



242.8160, 6.5100, 3.1660



244.7130, 8.2980, 3.8020



246.5000, -4.5840, -5.0320



118.9190, 4.7220, 2.5300



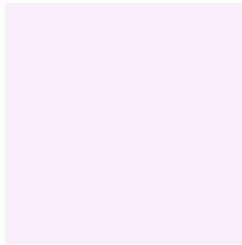
60.0450, 102.6930, 49.7090



19.3790, 33.1460, 16.0420

Previews

White Background



This preview shows how the YIQ color 243.3580, 2.1080, 5.8520 looks on a white background.

Color Contrast Check

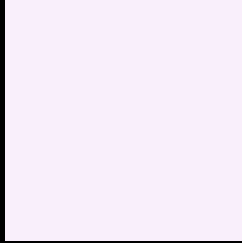
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 243.3580, 2.1080, 5.8520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 243.3580, 2.1080, 5.8520

Background



This preview shows how black text looks on a background with the YIQ color 243.3580, 2.1080, 5.8520.



This preview shows how white text looks on a background with the YIQ color 243.3580, 2.1080,

5.8520.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

243.3580, 2.1080, 5.8520

Protanopia

242.8520, -2.3390, 3.8450

Deuteranopia

243.7500, 6.8760, 7.5480



Tritanopia

243.8140, 0.8240, 7.0960

Trichromacy



Original Color

243.3580, 2.1080, 5.8520

Protanomaly

242.8630, -0.8720, 4.7920

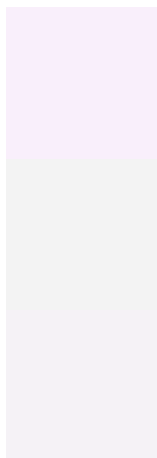
Deuteranomaly

243.8530, 5.0880, 6.9120

Tritanomaly

243.7000, 1.1450, 6.7850

Monochromacy



Original Color

243.3580, 2.1080, 5.8520

Achromatopsia

243.0000, 0.0000, -0.0000

Achromatomaly

243.3530, 0.5040, 1.8800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 243.3580, 2.1080, 5.8520 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(249, 239, 251)` looks like.

```
.text, #text, p{  
    color:rgb(249, 239, 251)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(249, 239, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 239, 251) }
```

Border

The CSS property to change the border of an element to YIQ 243.3580, 2.1080, 5.8520 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(249, 239, 251) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(249, 239, 251) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(249, 239, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 239, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 239, 251);  
box-shadow:4px 4px 4px 4px rgb(249, 239,  
251) }
```

Background

The CSS property to change the background color of an element to YIQ 243.3580, 2.1080, 5.8520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 239, 251) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(249,  
239, 251) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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