

Converting Colors

YIQ(250.0540, -0.0920, 1.6680)

Have a look what the booklet for
YIQ(250.0540, -0.0920, 1.6680)
contains.

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Color

**YIQ(250.0540, -0.0920,
1.6680)**

Conversions

Conversions Part 1

Format	Color
Hex	FBF9FD
RGB	251, 249, 253
RGB Percent	98%, 98%, 99%
CMY	0.0157, 0.0235, 0.0078
CMYK	0.01, 0.02, 0.00, 0.01
HSL	270°, 50%, 98%
HSV	270°, 2%, 99%
XYZ	91.3892, 95.3522, 106.5159
YIQ	250.0540, -0.0920, 1.6680

Conversions

Conversions Part 2

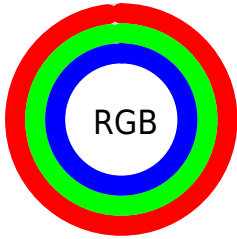
Format	Color
R _Y B	251, 249, 253
Decimal	16513533
CIE Lab	98.17, 1.37, -1.69
CIE LCh	98, 2.175, 309.096
Yxy	95.3522, 0.3116, 0.3251
Android (android.graphics.Color)	4294703613 (0xFFFBF9FD)
YUV	250.0540, 1.4524, 0.8296
Hunter-Lab	97.6485, -3.8266, 3.6798

Details

The YIQ color 250.0540, -0.0920, 1.6680 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 251.9460, 0.0920, -1.6680, and the grayscale version is 250.0000, 0.0000, 0.0000.

A 20% lighter version of the original color is 255.0000, -0.0000, -0.0000, and 193.9400, 0.2290, 1.3570 is the 20% darker color. If you saturate the color by 10%, you get 231.4920, -0.9650, 11.9870, and if you desaturate by 10%, it is 254.7720, 0.6420, -0.6220.

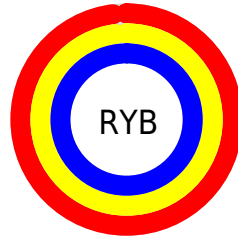
Distribution



Red (98%)

Green (98%)

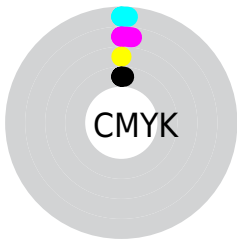
Blue (99%)



Red (98%)

Yellow (98%)

Blue (99%)

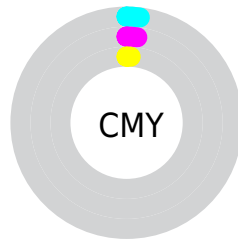


Cyan (1%)

Magenta (2%)

Yellow (0%)

Black (1%)



Cyan (2%)

Magenta (2%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 250.0540, -0.0920, 1.6680 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 250.0540, -0.0920, 1.6680 by changing the saturation by 10% instead.


 250.0540, -0.0920,
1.6680

 250.0540, -0.0920,
1.6680


255.0000, -0.0000,
-0.0000


 221.0540, -0.0920,
1.6680

 193.9400, 0.2290,
1.3570

 166.0540, -0.0920,
1.6680

 140.0540, -0.0920,
1.6680

 114.6410, -0.3670,
1.1450

 90.0540, -0.0920,
1.6680

 66.6410, -0.3670,

1.1450

■ 44.6410, -0.3670,
1.1450

■ 23.9400, 0.2290,
1.3570

■ 250.0540, -0.0920,
1.6680

■ 250.0540, -0.0920,
1.6680

■ 231.4920, -0.9650,
11.9870

254.7720, 0.6420,
-0.6220

■ 212.6420, -0.9670,
23.0410

■ 194.0800, -1.8400,
33.3600

■ 175.5180, -2.7130,
43.6790

■ 157.2550, -2.9900,
54.2100

■ 138.1060, -3.5880,
65.0520

■ 119.5440, -4.4610,
75.3710

■ 101.2810, -4.7380,
85.9020

■ 82.1320, -5.3360,
96.7440

Harmonies

Analogous

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



249.8580, -2.4760, 0.8200



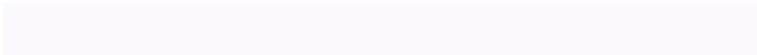
250.0540, -0.0920, 1.6680



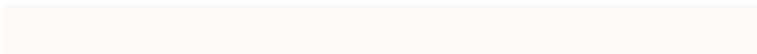
250.4240, 1.7420, 1.4700

Triad

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



250.0540, -0.0920, 1.6680



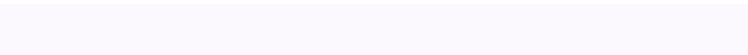
249.8540, 3.3470, -0.0850



249.0920, -3.2550, -1.5830

Complementary

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



250.0540, -0.0920, 1.6680



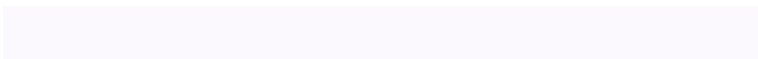
251.9460, 0.0920, -1.6680

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.



249.1630, -2.0170, -1.9930



250.0540, -0.0920, 1.6680



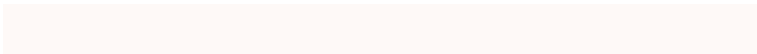
249.8430, 1.8800, -1.0320

Square

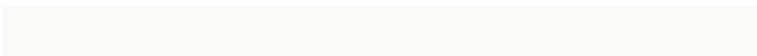
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



250.0540, -0.0920, 1.6680



250.2670, 3.6220, 0.4380



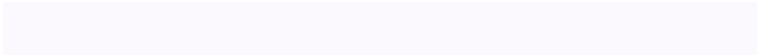
248.9460, 0.0920, -1.6680



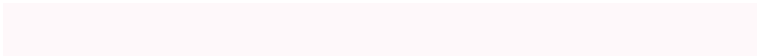
249.3200, -3.8970, -0.9610

Rectangle

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



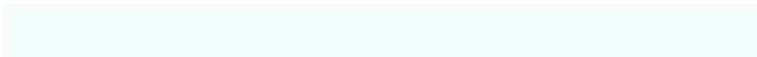
250.0540, -0.0920, 1.6680



250.0220, 2.9340, 1.8940



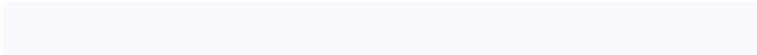
248.9460, 0.0920, -1.6680



249.0920, -3.2550, -1.5830

Sweetspot

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



250.0540, -0.0920, 1.6680

255.0000, -0.0000, -0.0000



250.6300, -1.8340, 0.1980



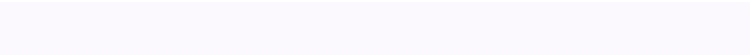
128.0000, -0.0000, -0.0000



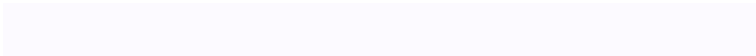
0.0000, 0.0000, 0.0000

Same Dimension

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



250.0540, -0.0920, 1.6680



251.1680, -0.4130, 1.9790



250.6520, 1.1000, 2.0920



125.6410, -0.3670, 1.1450



50.4780, -4.0950, 79.7530



16.8640, -1.4720, 26.6880

Inverse Universe

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



250.4240, 1.7420, 1.4700



251.7230, 2.3380, 1.6820



251.3480, -1.1000, -2.0920



126.0110, 1.4670, 0.9470



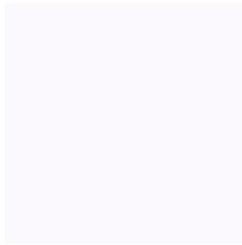
68.0530, 83.0200, 70.3480



22.7840, 27.8720, 23.5200

Previews

White Background



This preview shows how the YIQ color 250.0540, -0.0920, 1.6680 looks on a white background.

Color Contrast Check

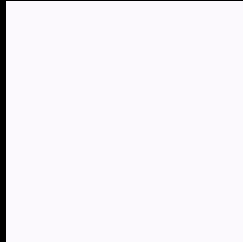
Large Text (above 18pt) WCAG AA × Fail

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 250.0540, -0.0920, 1.6680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

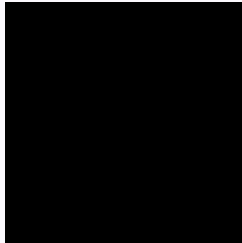
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

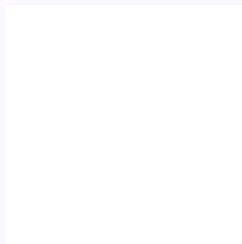
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 250.0540, -0.0920, 1.6680

Background



This preview shows how black text looks on a background with the YIQ color 250.0540, -0.0920, 1.6680.



This preview shows how white text looks on a background with the YIQ color 250.0540, -0.0920, 1.6680.

1.6680.

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

250.0540, -0.0920, 1.6680

Protanopia

250.0650, 1.3750, 2.6150

Deuteranopia

250.4350, 3.2090, 2.4170

Tritanopia

250.2820, -0.7340, 2.2900

Trichromacy

Original Color

250.0540, -0.0920, 1.6680

Protanomaly

249.7660, 0.7790, 2.4030

Deuteranomaly

250.2500, 2.2920, 2.5160

Tritanomaly

250.1680, -0.4130, 1.9790

Monochromacy

Original Color

250.0540, -0.0920, 1.6680

Achromatopsia

250.0000, 0.0000, 0.0000

Achromatomaly

250.1140, -0.3210, 0.3110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 250.0540, -0.0920, 1.6680 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(251, 249, 253)` looks like.

```
.text, #text, p{  
    color:rgb(251, 249, 253)  
}
```

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(251, 249, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 249, 253) }
```

Border

The CSS property to change the border of an element to YIQ 250.0540, -0.0920, 1.6680 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(251, 249, 253) }
```

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

```
.border{ border-color:rgb(251, 249, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 249, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 249, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 249, 253);  
box-shadow:4px 4px 4px 4px rgb(251, 249,  
253) }
```


Background

The CSS property to change the background color of an element to YIQ 250.0540, -0.0920, 1.6680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 249, 253) }
```

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

```
.background{ background-color: rgb(251,  
249, 253) }
```

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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