

Converting Colors

YIQ(250.4520, 4.5390, 0.3390)

Have a look what the booklet for
YIQ(250.4520, 4.5390, 0.3390)
contains.

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Color

**YIQ(250.4520, 4.5390,
0.3390)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF9F6
RGB	255, 249, 246
RGB Percent	100%, 98%, 96%
CMY	0.0000, 0.0235, 0.0353
CMYK	0.00, 0.02, 0.04, 0.00
HSL	20°, 100%, 98%
HSV	20°, 4%, 100%
XYZ	91.7502, 95.6639, 100.8222
YIQ	250.4520, 4.5390, 0.3390

Conversions

Conversions Part 2

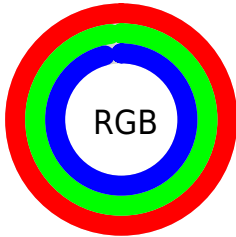
Format	Color
R _Y B	255, 251, 246
Decimal	16775670
CIE Lab	98.30, 1.48, 2.13
CIE LCh	98, 2.596, 55.109
Yxy	95.6639, 0.3183, 0.3319
Android (android.graphics.Color)	4294965750 (0xFFFFF9F6)
YUV	250.4520, -2.1948, 3.9886
Hunter-Lab	97.8079, -3.7192, 7.3484

Details

The YIQ color 250.4520, 4.5390, 0.3390 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 250.5480, -4.5390, -0.3390, 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 194.1530, 3.9430, 0.1270 is the 20% darker color. If you saturate the color by 10%, you get 237.6230, 17.2390, 1.4550, and if you desaturate by 10%, it is 255.0000, -0.0000, -0.0000.

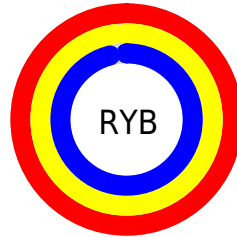
Distribution



Red (100%)

Green (98%)

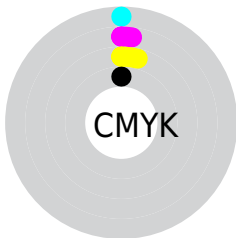
Blue (96%)



Red (100%)

Yellow (98%)

Blue (96%)

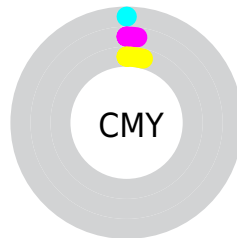


Cyan (0%)

Magenta (2%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (2%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 250.4520, 4.5390, 0.3390 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 250.4520, 4.5390, 0.3390 by changing the saturation by 10% instead.

 250.4520, 4.5390,
0.3390


 250.4520, 4.5390,
0.3390


255.0000, -0.0000,
-0.0000


 221.5660, 4.2180,
0.6500

 194.1530, 3.9430,
0.1270

 166.5660, 4.2180,
0.6500

 140.4520, 4.5390,
0.3390

 115.1530, 3.9430,
0.1270

 90.2670, 3.6220,
0.4380

 67.2670, 3.6220,

0.4380

■ 44.9680, 3.0260,
0.2260

■ 23.9680, 3.0260,
0.2260

■ 250.4520, 4.5390,
0.3390

■ 250.4520, 4.5390,
0.3390

■ 237.6230, 17.2390,
1.4550

255.0000, -0.0000,
-0.0000

■ 224.6800, 30.2600,
2.2600

■ 211.8510, 42.9600,
3.3760

■ 198.9080, 55.9810,
4.1810

■ 186.0790, 68.6810,
5.2970

■ 173.1360, 81.7020,
6.1020

■ 160.3070, 94.4020,
7.2180

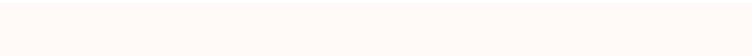
■ 147.3640,
107.4230, 8.0230

■ 134.5350,
120.1230, 9.1390

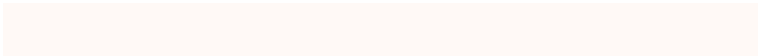
Harmonies

Analogous

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



250.6800, 3.8970, 0.9610



250.4520, 4.5390, 0.3390



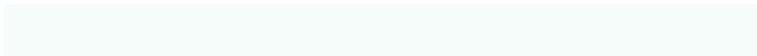
250.3270, 3.3930, -0.9190

Triad

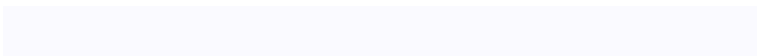
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



250.4520, 4.5390, 0.3390



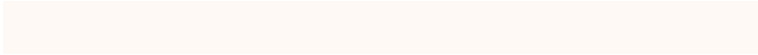
249.6790, -3.5300, -2.1060



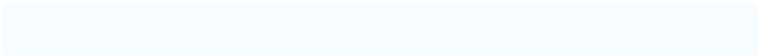
250.5700, -1.6050, 1.5550

Complementary

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



250.4520, 4.5390, 0.3390



250.5480, -4.5390, -0.3390

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.



249.6730, -3.3930, 0.9190



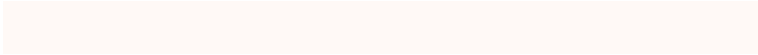
250.4520, 4.5390, 0.3390



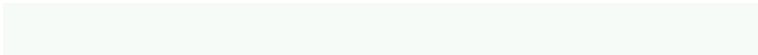
249.6080, -4.7680, -1.6960

Square

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



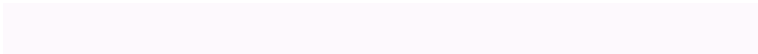
250.4520, 4.5390, 0.3390



249.3480, -1.1000, -2.0920



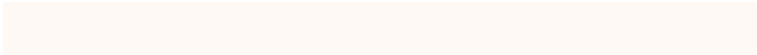
249.5480, -4.5390, -0.3390



250.6520, 1.1000, 2.0920

Rectangle

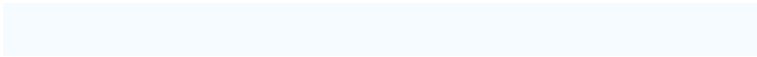
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



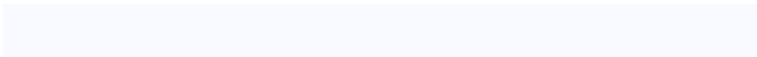
250.4520, 4.5390, 0.3390



249.7290, 2.2010, -1.3430



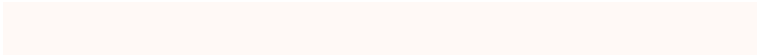
249.5480, -4.5390, -0.3390



250.2710, -2.2010, 1.3430

Sweetspot

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



250.4520, 4.5390, 0.3390



253.4840, 1.5130, 0.1130



249.3750, 3.4380, 3.7740



127.1850, 0.9170, -0.0990



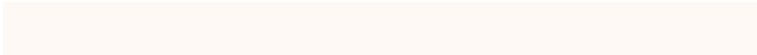
0.0000, 0.0000, 0.0000



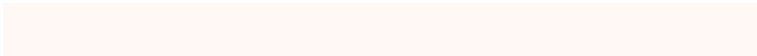
128.0000, -0.0000, -0.0000

Same Dimension

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



250.4520, 4.5390, 0.3390



249.7510, 5.1350, 0.5510



252.8000, 3.4390, -1.7530



124.2670, 3.6220, 0.4380



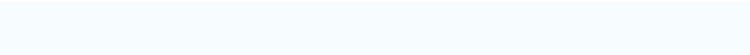
94.6770, 96.2360, 7.0200



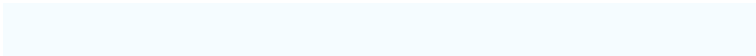
31.4630, 32.3690, 2.5850

Inverse Universe

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



250.5480, -4.5390, -0.3390



250.2490, -5.1350, -0.5510



248.2000, -3.4390, 1.7530



124.1460, -3.3470, 0.0850



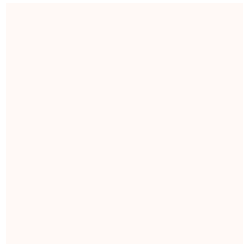
96.9100, -96.5110, -7.5430



32.5370, -32.3690, -2.5850

Previews

White Background



This preview shows how the YIQ color 250.4520, 4.5390, 0.3390 looks on a white background.

Color Contrast Check

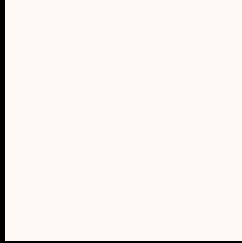
Large Text (above 18pt) WCAG AA × Fail

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 250.4520, 4.5390, 0.3390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

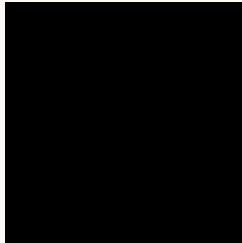
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 250.4520, 4.5390, 0.3390

Background



This preview shows how black text looks on a background with the YIQ color 250.4520, 4.5390, 0.3390.



This preview shows how white text looks on a background with the YIQ color 250.4520, 4.5390,

0.3390.

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**

250.4520, 4.5390, 0.3390

Protanopia

250.4520, 4.5390, 0.3390

Deuteranopia

250.9080, 3.2550, 1.5830

Tritanopia

250.8800, 0.4580, 2.7140

Trichromacy



Original Color

250.4520, 4.5390, 0.3390

Protanomaly

250.4520, 4.5390, 0.3390

Deuteranomaly

250.7940, 3.5760, 1.2720

Tritanomaly

250.8370, 2.0170, 1.9930

Monochromacy



Original Color

250.4520, 4.5390, 0.3390

Achromatopsia

250.0000, 0.0000, 0.0000

Achromatomaly

250.4840, 1.5130, 0.1130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 250.4520, 4.5390, 0.3390 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(255, 249, 246)` looks like.

```
.text, #text, p{  
    color:rgb(255, 249, 246)  
}
```

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(255, 249, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 249, 246) }
```

Border

The CSS property to change the border of an element to YIQ 250.4520, 4.5390, 0.3390 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(255, 249, 246) }
```


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

```
.border{ border-color:rgb(255, 249, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 249, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 249, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 249, 246);  
box-shadow:4px 4px 4px 4px rgb(255, 249,  
246) }
```

Background

The CSS property to change the background color of an element to YIQ 250.4520, 4.5390, 0.3390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 249, 246) }
```

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

```
.background{ background-color: rgb(255,  
249, 246) }
```

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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