

Converting Colors

YIQ(248.5890, 5.4110, -4.4530)

Have a look what the booklet for
YIQ(248.5890, 5.4110, -4.4530)
contains.

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Color

**YIQ(248.5890, 5.4110,
-4.4530)**

Conversions

Conversions Part 1

Format	Color
Hex	FBFAEB
RGB	251, 250, 235
RGB Percent	98%, 98%, 92%
CMY	0.0157, 0.0196, 0.0784
CMYK	0.00, 0.00, 0.06, 0.02
HSL	56°, 67%, 95%
HSV	56°, 6%, 98%
XYZ	88.9651, 94.8785, 92.2281
YIQ	248.5890, 5.4110, -4.4530

Conversions

Conversions Part 2

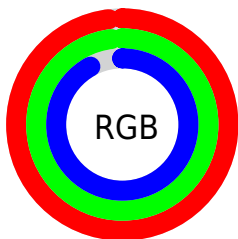
Format	Color
R_{YB}	236, 251, 235
Decimal	16513771
CIE Lab	97.98, -2.21, 7.29
CIE LCh	98, 7.621, 106.894
Yxy	94.8785, 0.3223, 0.3437
Android (android.graphics.Color)	4294703851 (0xFFFBFAEB)
YUV	248.5890, -6.6994, 2.1144
Hunter-Lab	97.4056, -7.4273, 12.0454

Details

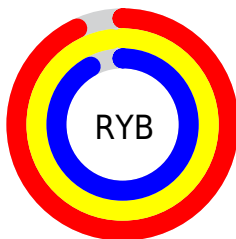
The YIQ color $248.5890, 5.4110, -4.4530$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $237.4110, -5.4110, 4.4530$, and the grayscale version is $249.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $192.2900, 4.8150, -4.6650$ is the 20% darker color. If you saturate the color by 10%, you get $244.5650, 13.9860, -11.1820$, and if you desaturate by 10%, it is $252.0430, -1.5590, 0.7210$.

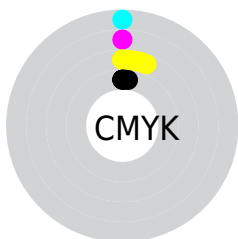
Distribution



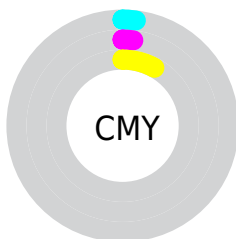
- Red (98%)
- Green (98%)
- Blue (92%)



- Red (93%)
- Yellow (98%)
- Blue (92%)



- Cyan (0%)
- Magenta (0%)
- Yellow (6%)
- Black (2%)



- Cyan (2%)
- Magenta (2%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 248.5890, 5.4110, -4.4530 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 248.5890, 5.4110, -4.4530 by changing the saturation by 10% instead.


 248.5890, 5.4110,
-4.4530


 248.5890, 5.4110,
-4.4530


255.0000, -0.0000,
-0.0000


 219.7030, 5.0900,
-4.1420

 192.2900, 4.8150,
-4.6650

 164.8170, 4.7690,
-3.8310

 138.8170, 4.7690,
-3.8310

 113.5180, 4.1730,
-4.0430

 88.9310, 4.4480,
-3.5200

 65.6320, 3.8520,

-3.7320

■ 43.6320, 3.8520,
-3.7320

■ 22.8170, 4.7690,
-3.8310

■ 248.5890, 5.4110,
-4.4530

■ 248.5890, 5.4110,
-4.4530

■ 244.5650, 13.9860,
-11.1820

■ 252.0430, -1.5590,
0.7210

■ 241.1280, 22.2860,
-18.4340

■ 252.6300, -1.8340,
0.1980

■ 237.1040, 30.8610,
-25.1630

■ 253.8040, -2.3840,
-0.8480

■ 233.6670, 39.1610,
-32.4150

■ 229.6430, 47.7360,
-39.1440

■ 226.0920, 56.3570,
-46.7070

■ 222.0680, 64.9320,
-53.4360

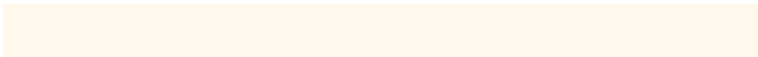
■ 218.6310, 73.2320,
-60.6880

■ 214.6070, 81.8070,
-67.4170

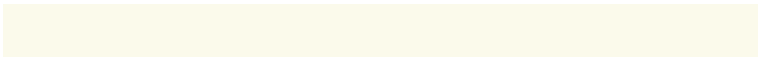
Harmonies

Analogous

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



248.6110, 8.3450, -2.5590



248.5890, 5.4110, -4.4530



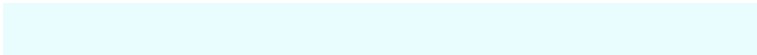
247.5280, -1.7870, -6.1630

Triad

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



248.5890, 5.4110, -4.4530



247.2480, -12.5620, -3.6180



248.9020, 3.3920, 4.6080

Complementary

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



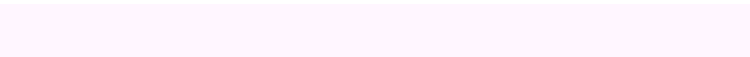
248.5890, 5.4110, -4.4530



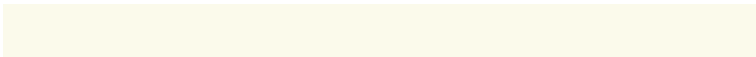
237.4110, -5.4110, 4.4530

Split Complementary

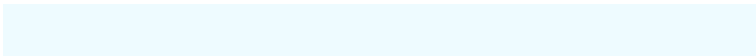
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



249.7170, 2.4750, 4.7070



248.5890, 5.4110, -4.4530



247.5690, -9.0320, -1.5120

Square

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



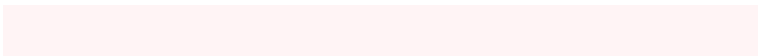
248.5890, 5.4110, -4.4530



247.0090, -13.3870, -5.1870



248.4990, -2.8430, 1.9650



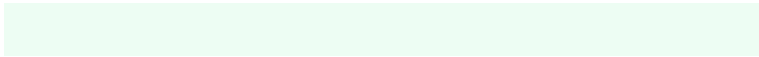
247.4030, 6.2350, 2.6430

Rectangle

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



248.5890, 5.4110, -4.4530



247.0760, -6.3260, -6.5020



248.4990, -2.8430, 1.9650



249.1300, 2.7500, 5.2300

Sweetspot

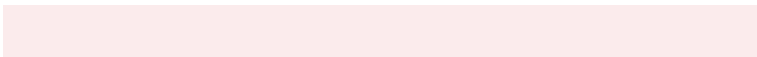
The Sweet Spot groups the original color and five complimentary colors.



248.5890, 5.4110, -4.4530



254.4300, 1.6050, -1.5550



239.8980, 9.2150, 3.7030



127.0710, 1.2380, -0.4100



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.



248.5890, 5.4110, -4.4530



252.1330, 6.6950, -5.6970



247.0830, 0.9640, -6.4600



122.9310, 4.4480, -3.5200



160.4100, 63.9690, -52.5030



51.6980, 20.6810, -16.8790

Inverse Universe

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



237.4110, -5.4110, 4.4530



237.8670, -6.6950, 5.6970



238.9170, -0.9640, 6.4600



114.0690, -4.4480, 3.5200



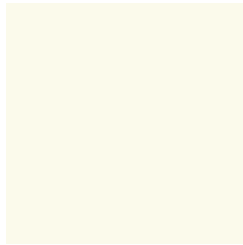
28.5900, -63.9690, 52.5030



9.3020, -20.6810, 16.8790

Previews

White Background



This preview shows how the YIQ color 248.5890, 5.4110, -4.4530 looks on a white background.

Color Contrast Check

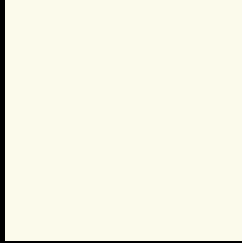
Large Text (above 18pt) WCAG AA × Fail

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 248.5890, 5.4110, -4.4530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

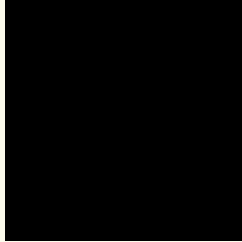
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 248.5890, 5.4110, -4.4530

Background



This preview shows how black text looks on a background with the YIQ color 248.5890, 5.4110, -4.4530.



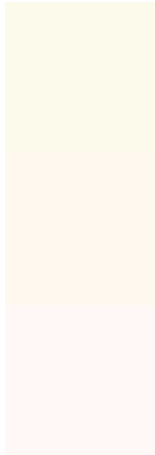
This preview shows how white text looks on a background with the YIQ color 248.5890, 5.4110, -4.4530.

-4.430.

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

248.5890, 5.4110, -4.4530

Protanopia

248.9530, 7.3820, -1.6260

Deuteranopia

249.9790, 4.4930, 1.1730

Tritanopia

249.6950, -0.4590, 2.8130

Trichromacy

A vertical color bar on the left side of the Trichromacy section, transitioning from yellow at the top to light gray at the bottom.

Original Color

248.5890, 5.4110, -4.4530

Protanomaly

249.1270, 6.8320, -2.6720

Deuteranomaly

249.8110, 4.9060, -0.8060

Tritanomaly

249.4840, 1.5130, 0.1130

Monochromacy

A vertical color bar on the left side of the Monochromacy section, transitioning from yellow at the top to light gray at the bottom.

Original Color

248.5890, 5.4110, -4.4530

Achromatopsia

249.0000, -0.0000, -0.0000

Achromatomaly

248.7290, 2.2010, -1.3430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 248.5890, 5.4110, -4.4530 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, 250, 235)` looks like.

```
.text, #text, p{  
    color:rgb(251, 250, 235)  
}
```

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, 250, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 250, 235) }
```

Border

The CSS property to change the border of an element to YIQ 248.5890, 5.4110, -4.4530 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, 250, 235) }
```


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

```
.border{ border-color:rgb(251, 250, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 250, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 250, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 250, 235);  
box-shadow:4px 4px 4px 4px rgb(251, 250,  
235) }
```

Background

The CSS property to change the background color of an element to YIQ 248.5890, 5.4110, -4.4530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 250, 235) }
```

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

```
.background{ background-color: rgb(251,  
250, 235) }
```

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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double the colors in the color bucket, and more
awesome pro features!

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