

Converting Colors

YIQ(189.1750, 50.4350, -5.4450)

Have a look what the booklet for
YIQ(189.1750, 50.4350, -5.4450)
contains.

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Color

**YIQ(189.1750, 50.4350,
-5.4450)**

Conversions

Conversions Part 1

Format	Color
Hex	EAB37C
RGB	234, 179, 124
RGB Percent	92%, 70%, 49%
CMY	0.0823, 0.2981, 0.5135
CMYK	0.00, 0.24, 0.47, 0.08
HSL	30°, 72%, 70%
HSV	30°, 47%, 92%
XYZ	53.6972, 51.1843, 26.1387
YIQ	189.1750, 50.4350, -5.4450

Conversions

Conversions Part 2

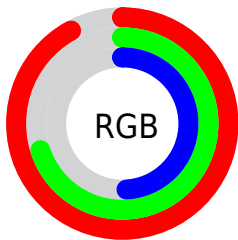
Format	Color
R_{YB}	234, 234, 124
Decimal	15381372
CIE _{Lab}	76.79, 13.38, 35.68
CIE _{LCh}	77, 38.110, 69.444
Yxy	51.1843, 0.4098, 0.3907
Android (android.graphics.Color)	4293571452 (0xFFEAB37C)
YUV	189.1750, -32.1313, 39.3115
Hunter-Lab	71.5432, 8.7738, 28.4183

Details

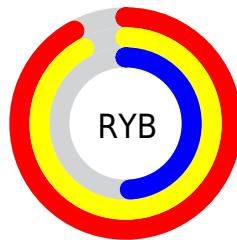
The YIQ color **189.1750, 50.4350, -5.4450** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **168.8250, -50.4350, 5.4450**, and the grayscale version is **189.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **234.3680, 30.5380, -13.7980**, and **135.0220, 46.4920, -5.5720** is the 20% darker color. If you saturate the color by 10%, you get **179.5090, 61.1180, -6.3220**, and if you desaturate by 10%, it is **198.8410, 39.7520, -4.5680**.

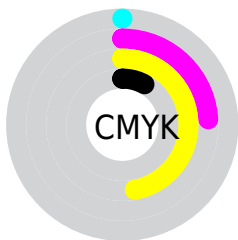
Distribution



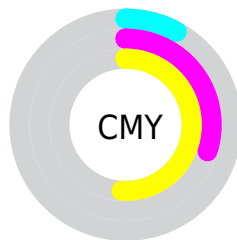
- Red (92%)
- Green (70%)
- Blue (49%)



- Red (92%)
- Yellow (92%)
- Blue (49%)



- Cyan (0%)
- Magenta (24%)
- Yellow (47%)
- Black (8%)





- Cyan (8%)
- Magenta (30%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 189.1750, 50.4350, -5.4450 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 189.1750, 50.4350, -5.4450 by changing the saturation by 10% instead.


 189.1750, 50.4350,
-5.4450


 189.1750, 50.4350,
-5.4450


255.0000, -0.0000,
-0.0000


 161.8050, 48.6010,
-5.2470


 234.3680, 30.5380,
-13.7980


 135.0220, 46.4920,
-5.5720


 249.3000, 16.0500,
-15.5500

 109.2390, 44.3830,
-5.8970

 252.4920, 7.0620,
-6.8420

 84.1570, 41.6780,
-6.4340

 59.8470, 39.6150,
-7.5930

 39.4040, 30.8570,
-3.0550

 20.1890, 21.4570,

2.1050

■ 0.0000, 0.0000,
0.0000

■ 189.1750, 50.4350,
-5.4450

■ 189.1750, 50.4350,
-5.4450

■ 179.5090, 61.1180,
-6.3220

■ 198.8410, 39.7520,
-4.5680

■ 170.3160, 71.8470,
-8.0330

■ 208.0340, 29.0230,
-2.8570

■ 160.6500, 82.5300,
-8.9100

■ 217.7000, 18.3400,
-1.9800

■ 150.8700, 93.5340,
-10.0980

■ 227.4800, 7.3360,
-0.7920

■ 141.2040,
104.2170, -10.9750

■ 237.1460, -3.3470,
0.0850

138.6450,
107.2890, -11.5830

245.1990,
-10.8660, -1.3140

248.7210,
-12.5160, -4.4520

Harmonies

Analogous

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



191.2060, 58.3180, 11.3900



189.1750, 50.4350, -5.4450



186.0810, 29.6680, -20.0600

Triad

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



189.1750, 50.4350, -5.4450



168.5060, -75.7830, -30.7830



193.3200, -2.7560, 27.9320

Complementary

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



189.1750, 50.4350, -5.4450



168.8250, -50.4350, 5.4450

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.



187.2550, -39.6620, 13.9540



189.1750, 50.4350, -5.4450



165.4130, -97.1500, -23.5020

Square

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



189.1750, 50.4350, -5.4450



176.3840, -37.4530, -31.6050



176.3700, -77.2550, -4.0950



194.6090, 30.1630, 31.5630

Rectangle

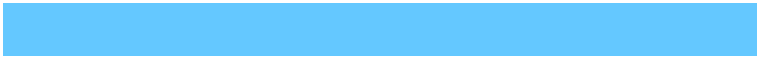
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



189.1750, 50.4350, -5.4450



183.6270, 10.2750, -26.5330



176.3700, -77.2550, -4.0950



192.5680, -15.3180, 24.3140

Sweetspot

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



189.1750, 50.4350, -5.4450



240.3300, 16.5060, -1.7820



163.3880, 47.2630, 41.0470



119.0350, 10.0870, -1.0890



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.



189.1750, 50.4350, -5.4450



197.0210, 65.4280, -7.3400



220.2860, 35.8600, -33.1640



112.2240, 5.1810, -0.2830



106.9490, 83.1260, -8.6980



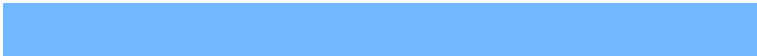
31.9950, 24.7590, -2.6730

Inverse Universe

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



168.8250, -50.4350, 5.4450



170.5660, -65.7030, 6.8170



137.7140, -35.8600, 33.1640



110.1890, -4.9060, 0.8060



74.0510, -83.1260, 8.6980



22.0050, -24.7590, 2.6730

Previews

White Background



This preview shows how the YIQ color 189.1750, 50.4350, -5.4450 looks on a white background.

Color Contrast Check

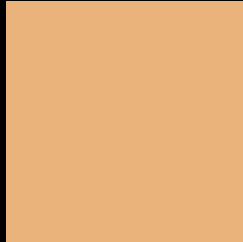
Large Text (above 18pt) WCAG AA × Fail

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 189.1750, 50.4350, -5.4450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

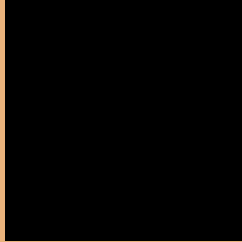
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 189.1750, 50.4350, -5.4450

Background



This preview shows how black text looks on a background with the YIQ color 189.1750, 50.4350, -5.4450.



This preview shows how white text looks on a background with the YIQ color 189.1750, 50.4350,

-5.4450.

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

189.1750, 50.4350, -5.4450

Protanopia

187.7160, 29.4380, -15.8900

Deuteranopia

188.5550, 46.3090, -7.7630



Tritanopia

192.8140, 36.3550, 18.4590

Trichromacy



Original Color

189.1750, 50.4350, -5.4450

Protanomaly

188.2440, 36.8190, -11.9890

Deuteranomaly

188.5660, 47.7760, -6.8160

Tritanomaly

191.4690, 41.4000, 9.6240

Monochromacy



Original Color

189.1750, 50.4350, -5.4450

Achromatopsia

189.0000, -0.0000, -0.0000

Achromatomaly

188.7000, 18.3400, -1.9800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 189.1750, 50.4350, -5.4450 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(234, 179, 124)` looks like.

```
.text, #text, p{  
    color:rgb(234, 179, 124)  
}
```

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(234, 179, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 179, 124) }
```

Border

The CSS property to change the border of an element to YIQ 189.1750, 50.4350, -5.4450 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(234, 179, 124) }
```


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

```
.border{ border-color:rgb(234, 179, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 179, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 179, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 179, 124);  
box-shadow:4px 4px 4px 4px rgb(234, 179,  
124) }
```

Background

The CSS property to change the background color of an element to YIQ 189.1750, 50.4350, -5.4450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 179, 124) }
```

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

```
.background{ background-color: rgb(234,  
179, 124) }
```

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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