

Converting Colors

YIQ(184.5890, 58.1370, -1.8550)

Have a look what the booklet for
YIQ(184.5890, 58.1370, -1.8550)
contains.

YIQ(184.5890, 58.1370, -1.8550)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(184.5890, 58.1370,
-1.8550)**

Conversions

Conversions Part 1

Format	Color
Hex	EFAA75
RGB	239, 170, 117
RGB Percent	94%, 67%, 46%
CMY	0.0626, 0.3334, 0.5409
CMYK	0.00, 0.29, 0.51, 0.06
HSL	26°, 79%, 70%
HSV	26°, 51%, 94%
XYZ	53.1921, 48.3811, 23.3859
YIQ	184.5890, 58.1370, -1.8550

Conversions

Conversions Part 2

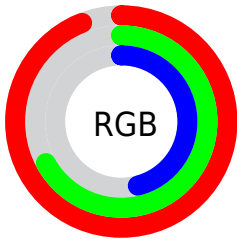
Format	Color
R _Y B	239, 211, 117
Decimal	15706741
CIE Lab	75.06, 19.52, 37.23
CIE LCh	75, 42.041, 62.334
Yxy	48.3811, 0.4257, 0.3872
Android (android.graphics.Color)	4293896821 (0xFFEFAA75)
YUV	184.5890, -33.3214, 47.7184
Hunter-Lab	69.5565, 14.7809, 28.7553

Details

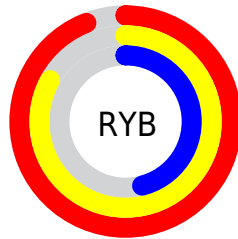
The YIQ color **184.5890, 58.1370, -1.8550** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **171.4110, -58.1370, 1.8550**, and the grayscale version is **185.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **227.7000, 35.5350, -10.7450**, and **130.7240, 53.3230, -2.7170** is the 20% darker color. If you saturate the color by 10%, you get **173.6350, 69.6910, -1.9970**, and if you desaturate by 10%, it is **195.5430, 46.5830, -1.7130**.

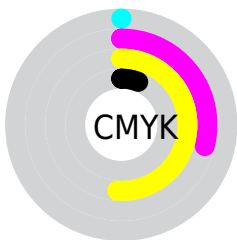
Distribution



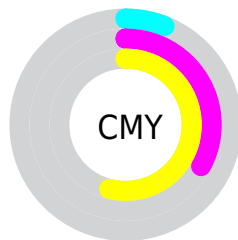
- Red (94%)
- Green (67%)
- Blue (46%)



- Red (94%)
- Yellow (83%)
- Blue (46%)



- Cyan (0%)
- Magenta (29%)
- Yellow (51%)
- Black (6%)



- Cyan (6%)
- Magenta (33%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 184.5890, 58.1370, -1.8550 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 184.5890, 58.1370, -1.8550 by changing the saturation by 10% instead.

184.5890, 58.1370,
-1.8550

184.5890, 58.1370,
-1.8550

255.0000, -0.0000,
-0.0000

156.9200, 55.7070,
-1.8690

227.7000, 35.5350,
-10.7450

130.8380, 53.0020,
-2.4060

247.8010, 18.8930,
-17.5150

104.7560, 50.2970,
-2.9430

251.6940, 9.3090,
-9.0190

79.6740, 47.5920,
-3.4800

254.8860, 0.3210,
-0.3110

55.7060, 44.5660,
-3.7060

34.7190, 34.5240,
2.0760

14.0310, 25.0780,

8.0700

■ 0.0000, 0.0000,
0.0000

■ 184.5890, 58.1370,
-1.8550

■ 184.5890, 58.1370,
-1.8550

■ 173.6350, 69.6910,
-1.9970

■ 195.5430, 46.5830,
-1.7130

■ 163.2680, 80.9700,
-2.6620

■ 205.9100, 35.3040,
-1.0480

■ 152.3140, 92.5240,
-2.8040

■ 216.8640, 23.7500,
-0.9060

■ 141.9470,
103.8030, -3.4690

■ 227.2310, 12.4710,
-0.2410

■ 132.5090,
113.8440, -3.7240

■ 238.1850, 0.9170,
-0.0990

■ 247.8680, -8.4360,
-1.3000

■ 250.2160, -9.5360,
-3.3920

Harmonies

Analogous

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



185.5210, 61.9850, 16.5210



184.5890, 58.1370, -1.8550



181.3980, 39.0210, -18.8590

Triad

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



184.5890, 58.1370, -1.8550



159.8920, -80.0460, -36.1260



188.3450, -13.0720, 27.6640

Complementary

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



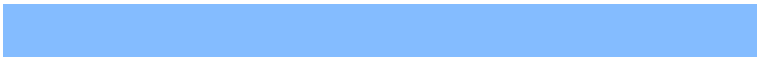
184.5890, 58.1370, -1.8550



171.4110, -58.1370, 1.8550

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.



178.8940, -54.8830, 8.9650



184.5890, 58.1370, -1.8550



145.3980, -128.3250, -36.7170

Square

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



184.5890, 58.1370, -1.8550



171.0270, -32.1340, -34.3900



161.3990, -102.5620, -13.5220



189.6780, 25.7150, 35.0830

Rectangle

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



184.5890, 58.1370, -1.8550



179.0040, 19.3990, -26.6890



161.3990, -102.5620, -13.5220



185.5820, -27.1010, 23.0990

Sweetspot

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



184.5890, 58.1370, -1.8550



237.7540, 18.2480, -0.3120



161.3440, 50.5630, 47.3230



117.7470, 10.9580, -0.3540



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.



184.5890, 58.1370, -1.8550



185.5600, 74.2760, -2.4920



220.3960, 41.3620, -33.7580



114.5230, 5.7770, -0.0710



101.9760, 87.6640, -2.8320



30.8320, 26.7760, -0.6800

Inverse Universe

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



171.4110, -58.1370, 1.8550



169.0270, -74.5510, 1.9690



135.6040, -41.3620, 33.7580



113.4770, -5.7770, 0.0710



82.0240, -87.6640, 2.8320



25.1680, -26.7760, 0.6800

Previews

White Background



This preview shows how the YIQ color 184.5890, 58.1370, -1.8550 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 184.5890, 58.1370, -1.8550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

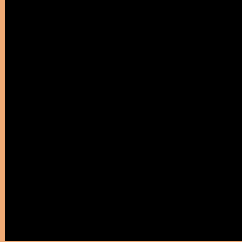
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 184.5890, 58.1370, -1.8550

Background



This preview shows how black text looks on a background with the YIQ color 184.5890, 58.1370, -1.8550.



This preview shows how white text looks on a background with the YIQ color 184.5890, 58.1370, -1.8550.

-1.8550.

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

184.5890, 58.1370, -1.8550

Protanopia

182.7160, 29.4380, -15.8900

Deuteranopia

184.0990, 47.5930, -9.0070



Tritanopia

188.5870, 44.4240, 20.9040

Trichromacy



Original Color

184.5890, 58.1370, -1.8550

Protanomaly

183.7390, 39.7990, -10.9290

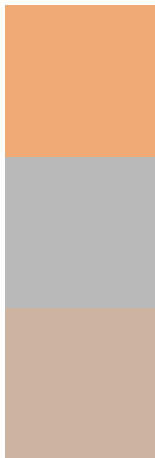
Deuteranomaly

183.8330, 51.3980, -6.3780

Tritanomaly

187.3560, 49.1480, 12.3800

Monochromacy



Original Color

184.5890, 58.1370, -1.8550

Achromatopsia

185.0000, -0.0000, -0.0000

Achromatomaly

185.1950, 21.3200, -0.9200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 184.5890, 58.1370, -1.8550 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(239, 170, 117)` looks like.

```
.text, #text, p{  
    color:rgb(239, 170, 117)  
}
```

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(239, 170, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 170, 117) }
```

Border

The CSS property to change the border of an element to YIQ 184.5890, 58.1370, -1.8550 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(239, 170, 117) }
```


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

```
.border{ border-color:rgb(239, 170, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 170, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 170, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 170, 117);  
box-shadow:4px 4px 4px 4px rgb(239, 170,  
117) }
```

Background

The CSS property to change the background color of an element to YIQ 184.5890, 58.1370, -1.8550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 170, 117) }
```

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

```
.background{ background-color: rgb(239,  
170, 117) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor