

Converting Colors

YIQ(163.9540, 58.3670, -6.0250)

Have a look what the booklet for
YIQ(163.9540, 58.3670, -6.0250)
contains.

YIQ(163.9540, 58.3670, -6.0250)	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(163.9540, 58.3670,
-6.0250)**

Conversions

Conversions Part 1

Format	Color
Hex	D89859
RGB	216, 152, 89
RGB Percent	85%, 60%, 35%
CMY	0.1528, 0.4040, 0.6507
CMYK	0.00, 0.30, 0.59, 0.15
HSL	30°, 62%, 60%
HSV	30°, 59%, 85%
XYZ	41.3574, 37.7735, 14.5782
YIQ	163.9540, 58.3670, -6.0250

Conversions

Conversions Part 2

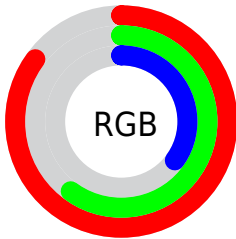
Format	Color
R _Y B	216, 214, 89
Decimal	14194777
CIE Lab	67.85, 17.45, 42.26
CIE LCh	68, 45.719, 67.564
Yxy	37.7735, 0.4413, 0.4031
Android (android.graphics.Color)	4292384857 (0xFFD89859)
YUV	163.9540, -36.9523, 45.6443
Hunter-Lab	61.4601, 12.5601, 28.9587

Details

The YIQ color **163.9540, 58.3670, -6.0250** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **141.0460, -58.3670, 6.0250**, and the grayscale version is **164.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **213.1270, 50.3900, -10.1380**, and **111.0890, 53.5530, -6.8870** is the 20% darker color. If you saturate the color by 10%, you get **154.9890, 68.4540, -7.1140**, and if you desaturate by 10%, it is **172.9190, 48.2800, -4.9360**.

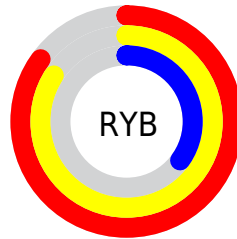
Distribution



Red (85%)

Green (60%)

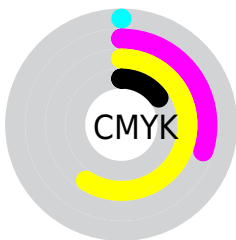
Blue (35%)



Red (85%)

Yellow (84%)

Blue (35%)

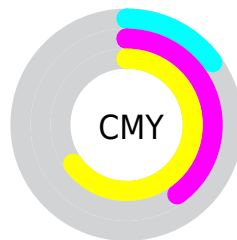


Cyan (0%)

Magenta (30%)

Yellow (59%)

Black (15%)



Cyan (15%)


Magenta (40%)


Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 163.9540, 58.3670, -6.0250 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 163.9540, 58.3670, -6.0250 by changing the saturation by 10% instead.


 163.9540, 58.3670,
-6.0250


 163.9540, 58.3670,
-6.0250


255.0000, -0.0000,
-0.0000


 137.1710, 56.2580,
-6.3500


 213.2410, 50.0690,
-9.8270


 111.0890, 53.5530,
-6.8870


 233.2280, 33.7480,
-16.9080

 85.4800, 50.8940,
-8.2580


 248.1600, 19.2600,
-18.6600

 62.1960, 45.9420,
-6.6180

 251.3520, 10.2720,
-9.9520

 40.9100, 35.3040,
-1.0480

254.6580, 0.9630,
-0.9330

 20.8090, 25.5830,
4.4230

 5.6810, 11.3240,

4.0280

■ 0.0000, 0.0000,
0.0000

■ 163.9540, 58.3670,
-6.0250

■ 163.9540, 58.3670,
-6.0250

■ 154.9890, 68.4540,
-7.1140

■ 172.9190, 48.2800,
-4.9360

■ 146.1380, 78.2200,
-7.8920

■ 181.7700, 38.5140,
-4.1580

■ 137.1730, 88.3070,
-8.9810

■ 190.7350, 28.4270,
-3.0690

■ 128.3220, 98.0730,
-9.7590

■ 199.5860, 18.6610,
-2.2910

■ 127.3930, 99.3110,
-10.1690

■ 207.9640, 8.8490,
-0.6790

■ 216.9290, -1.2380,
0.4100

■ 225.7800,
-11.0040, 1.1880

■ 233.9470,
-18.8440, 0.1000

■ 240.4040,
-21.8690, -5.6530

Harmonies

Analogous

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



165.8050, 66.9370, 14.8810



163.9540, 58.3670, -6.0250



160.7950, 36.2250, -23.2550

Triad

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



163.9540, 58.3670, -6.0250



129.7190, -107.6000, -43.3760



169.6880, -6.6080, 31.6640

Complementary

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



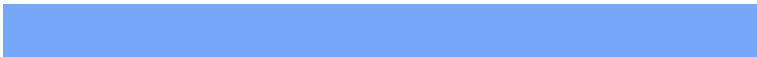
163.9540, 58.3670, -6.0250



141.0460, -58.3670, 6.0250

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.



160.5830, -55.2050, 14.8030



163.9540, 58.3670, -6.0250



132.9910, -119.5690, -30.2010

Square

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



163.9540, 58.3670, -6.0250



146.9760, -45.2920, -38.2200



131.9600, -126.3110, -18.1430



169.6790, 33.1420, 38.1500

Rectangle

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



163.9540, 58.3670, -6.0250



157.8460, 13.8520, -30.7880



131.9600, -126.3110, -18.1430



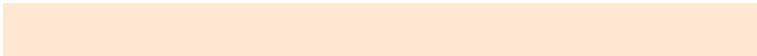
167.8540, -21.8750, 27.5090

Sweetspot

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



163.9540, 58.3670, -6.0250



236.2550, 21.0910, -2.2770



134.4970, 54.5060, 47.4500



115.8890, 13.4340, -1.1740



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.



163.9540, 58.3670, -6.0250



180.9490, 83.1260, -8.6980



200.3480, 41.3170, -38.4510



102.8110, 4.9060, -0.8060



101.0240, 78.5410, -8.2030



25.1840, 19.8530, -1.8670

Inverse Universe

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



141.0460, -58.3670, 6.0250



148.0510, -83.1260, 8.6980



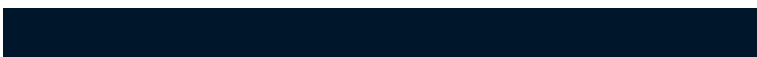
104.6520, -41.3170, 38.4510



100.7760, -5.1810, 0.2830



69.9760, -78.5410, 8.2030



17.8160, -19.8530, 1.8670

Previews

White Background



This preview shows how the YIQ color 163.9540, 58.3670, -6.0250 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 163.9540, 58.3670, -6.0250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

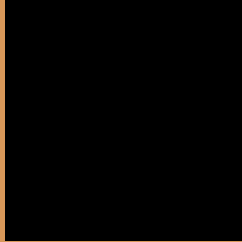
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 163.9540, 58.3670, -6.0250

Background



This preview shows how black text looks on a background with the YIQ color 163.9540, 58.3670, -6.0250.



This preview shows how white text looks on a background with the YIQ color 163.9540, 58.3670, -6.0250.

-6.0250.

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

163.9540, 58.3670, -6.0250

Protanopia

162.5760, 32.6480, -19.0000

Deuteranopia

163.4750, 49.2900, -12.2300



Tritanopia

168.2770, 42.3610, 19.7450

Trichromacy



Original Color

163.9540, 58.3670, -6.0250

Protanomaly

163.0010, 41.8170, -14.4630

Deuteranomaly

163.7960, 52.8200, -10.1240

Tritanomaly

166.7040, 48.0480, 10.2880

Monochromacy



Original Color

163.9540, 58.3670, -6.0250

Achromatopsia

164.0000, 0.0000, -0.0000

Achromatomaly

164.2550, 21.0910, -2.2770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 163.9540, 58.3670, -6.0250 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(216, 152, 89)` looks like.

```
.text, #text, p{  
    color:rgb(216, 152, 89)  
}
```

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(216, 152, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 152, 89) }
```

Border

The CSS property to change the border of an element to YIQ 163.9540, 58.3670, -6.0250 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(216, 152, 89) }
```


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

```
.border{ border-color:rgb(216, 152, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 152, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 152, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 152, 89);  
box-shadow:4px 4px 4px 4px rgb(216, 152,  
89) }
```

Background

The CSS property to change the background color of an element to YIQ 163.9540, 58.3670, -6.0250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 152, 89) }
```

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

```
.background{ background-color: rgb(216,  
152, 89) }
```

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