

Converting Colors

YIQ(181.6680, 64.9240, -9.2200)

Have a look what the booklet for
YIQ(181.6680, 64.9240, -9.2200)
contains.

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Color

**YIQ(181.6680, 64.9240,
-9.2200)**

Conversions

Conversions Part 1

Format	Color
Hex	EEAA5E
RGB	238, 170, 94
RGB Percent	93%, 67%, 37%
CMY	0.0666, 0.3334, 0.6310
CMYK	0.00, 0.29, 0.60, 0.07
HSL	32°, 81%, 65%
HSV	32°, 60%, 93%
XYZ	51.6630, 47.7305, 17.0986
YIQ	181.6680, 64.9240, -9.2200

Conversions

Conversions Part 2

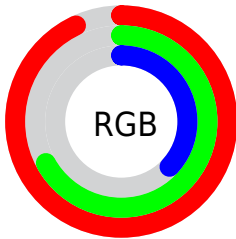
Format	Color
R _Y B	223, 238, 94
Decimal	15641182
CIE Lab	74.65, 17.30, 48.40
CIE LCh	75, 51.398, 70.330
Yxy	47.7305, 0.4435, 0.4097
Android (android.graphics.Color)	4293831262 (0xFFEEAA5E)
YUV	181.6680, -43.2203, 49.4032
Hunter-Lab	69.0872, 12.5786, 33.6872

Details

The YIQ color **181.6680, 64.9240, -9.2200** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **150.3320, -64.9240, 9.2200**, and the grayscale version is **182.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **224.9640, 43.2390, -18.2090**, and **127.5040, 59.5140, -10.2940** is the 20% darker color. If you saturate the color by 10%, you get **172.4750, 75.6530, -10.9310**, and if you desaturate by 10%, it is **190.8610, 54.1950, -7.5090**.

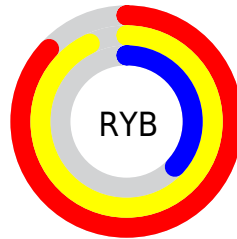
Distribution



Red (93%)

Green (67%)

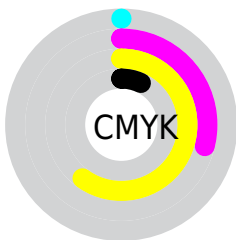
Blue (37%)



Red (87%)

Yellow (93%)

Blue (37%)

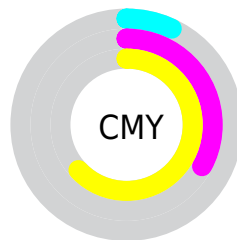


Cyan (0%)

Magenta (29%)

Yellow (60%)

Black (7%)



Cyan (7%)


Magenta (33%)


Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 181.6680, 64.9240, -9.2200 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 181.6680, 64.9240, -9.2200 by changing the saturation by 10% instead.

 181.6680, 64.9240,
-9.2200


 181.6680, 64.9240,
-9.2200


255.0000, -0.0000,
-0.0000

 153.9990, 62.4940,
-9.2340


 224.9640, 43.2390,
-18.2090


 127.5040, 59.5140,
-10.2940


 245.1790, 26.2760,
-24.6680


 101.0800, 57.7720,
-11.7640

 248.8440, 17.3340,
-16.7940

 76.6820, 53.1410,
-10.4350

 252.1500, 8.0250,
-7.7750

 55.3960, 42.5030,
-4.8650

 34.9960, 32.1860,
0.3940

 14.0200, 23.6110,

7.1230

■ 0.0000, 0.0000,
0.0000

■ 181.6680, 64.9240,
-9.2200

■ 181.6680, 64.9240,
-9.2200

■ 172.4750, 75.6530,
-10.9310

■ 190.8610, 54.1950,
-7.5090

■ 162.6950, 86.6570,
-12.1190

■ 200.0540, 43.4660,
-5.7980

■ 153.6160, 97.0650,
-13.5190

■ 209.7200, 32.7830,
-4.9210

■ 144.5370,
107.4730, -14.9190

■ 218.9130, 22.0540,
-3.2100

■ 228.1060, 11.3250,
-1.4990

■ 237.2990, 0.5960,
0.2120

■ 246.3950, -8.4820,
-0.4660

■ 249.9170,
-10.1320, -3.6040

Harmonies

Analogous

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



180.3060, 69.7800, 12.9160



181.6680, 64.9240, -9.2200



177.7040, 37.7390, -28.6690

Triad

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



181.6680, 64.9240, -9.2200



144.7820, -121.0790, -46.8950



188.4160, -2.6660, 37.3180

Complementary

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



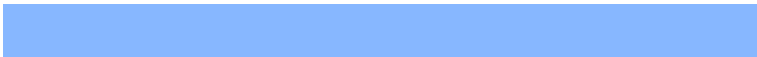
181.6680, 64.9240, -9.2200



150.3320, -64.9240, 9.2200

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.



176.8560, -51.7200, 12.2160



181.6680, 64.9240, -9.2200



148.1510, -134.6990, -31.3310

Square

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



181.6680, 64.9240, -9.2200



160.7460, -59.5040, -44.9760



144.7090, -136.0300, -23.7260



188.4460, 41.3480, 43.6200

Rectangle

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



181.6680, 64.9240, -9.2200



174.4880, 11.7440, -36.6400



144.7090, -136.0300, -23.7260



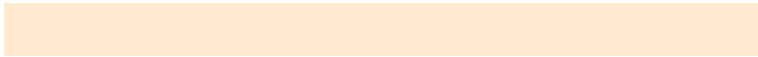
185.6590, -16.8320, 29.7280

Sweetspot

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



181.6680, 64.9240, -9.2200



236.8420, 20.8160, -2.8000



145.0360, 63.3540, 52.2980



116.4760, 13.1590, -1.6970



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.



181.6680, 64.9240, -9.2200



182.1400, 83.9060, -11.8220



220.9860, 45.0320, -45.2080



115.1100, 5.5020, -0.5940



111.9550, 82.9890, -11.7230



34.3540, 25.1260, -3.8180

Inverse Universe

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



150.3320, -64.9240, 9.2200



141.8600, -83.9060, 11.8220



111.0140, -45.0320, 45.2080



112.8900, -5.5020, 0.5940



72.0450, -82.9890, 11.7230



22.2330, -25.4010, 3.2950

Previews

White Background



This preview shows how the YIQ color 181.6680, 64.9240, -9.2200 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 181.6680, 64.9240, -9.2200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

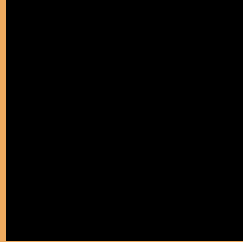
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 181.6680, 64.9240, -9.2200

Background



This preview shows how black text looks on a background with the YIQ color 181.6680, 64.9240, -9.2200.



This preview shows how white text looks on a background with the YIQ color 181.6680, 64.9240,

-9.2200.

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

181.6680, 64.9240, -9.2200

Protanopia

179.9910, 38.6090, -22.4070

Deuteranopia

180.9010, 56.7180, -14.6900



Tritanopia

187.1850, 45.6160, 21.3280

Trichromacy



Original Color

181.6680, 64.9240, -9.2200

Protanomaly

180.7150, 48.3740, -17.6580

Deuteranomaly

180.9230, 59.6520, -12.7960

Tritanomaly

185.0420, 52.9080, 10.3160

Monochromacy



Original Color

181.6680, 64.9240, -9.2200

Achromatopsia

182.0000, -0.0000, -0.0000

Achromatomaly

181.9840, 23.2920, -3.6200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 181.6680, 64.9240, -9.2200 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(238, 170, 94)` looks like.

```
.text, #text, p{  
    color:rgb(238, 170, 94)  
}
```

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(238, 170, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 170, 94) }
```

Border

The CSS property to change the border of an element to YIQ 181.6680, 64.9240, -9.2200 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(238, 170, 94) }
```


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

```
.border{ border-color:rgb(238, 170, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 170, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 170, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 170, 94);  
box-shadow:4px 4px 4px 4px rgb(238, 170,  
94) }
```

Background

The CSS property to change the background color of an element to YIQ 181.6680, 64.9240, -9.2200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 170, 94) }
```

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

```
.background{ background-color: rgb(238,  
170, 94) }
```

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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