

# Converting Colors

YIQ(190.8320, 61.1660,  
-18.2100)

Have a look what the booklet for  
YIQ(190.8320, 61.1660, -18.2100)  
contains.

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# Color

**YIQ(190.8320, 61.1660,  
-18.2100)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EEBA5C
RGB	238, 186, 92
RGB Percent	93%, 73%, 36%
CMY	0.0666, 0.2707, 0.6389
CMYK	0.00, 0.22, 0.61, 0.07
HSL	39°, 81%, 65%
HSV	39°, 61%, 93%
XYZ	54.7550, 54.0626, 17.6929
YIQ	190.8320, 61.1660, -18.2100

# Conversions

## Conversions Part 2

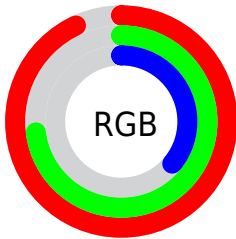
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">173, 238, 92</a>
Decimal	<a href="#">15645276</a>
CIELab	<a href="#">78.50, 8.72, 53.79</a>
CIELCh	<a href="#">78, 54.492, 80.795</a>
Yxy	<a href="#">54.0626, 0.4328, 0.4273</a>
Android (android.graphics.Color)	<a href="#">4293835356 (0xFFEEBA5C)</a>
YUV	<a href="#">190.8320, -48.7242, 41.3663</a>
Hunter-Lab	<a href="#">73.5273, 4.2543, 37.2021</a>

# Details

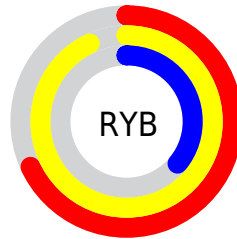
The YIQ color **190.8320, 61.1660, -18.2100** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **139.1680, -61.1660, 18.2100**, and the grayscale version is **191.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **234.8290, 38.8850, -27.4110**, and **136.1520, 57.2690, -19.1710** is the 20% darker color. If you saturate the color by 10%, you get **182.8130, 71.3450, -20.9670**, and if you desaturate by 10%, it is **198.2640, 51.2620, -14.9300**.

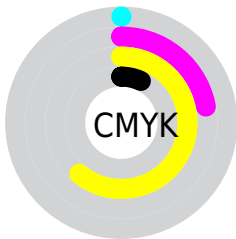
# Distribution



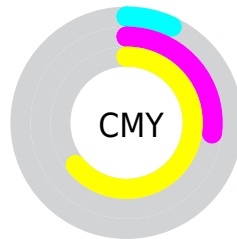
- Red (93%)
- Green (73%)
- Blue (36%)



- Red (68%)
- Yellow (93%)
- Blue (36%)



- Cyan (0%)
- Magenta (22%)
- Yellow (61%)
- Black (7%)



- Cyan (7%)
- Magenta (27%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 190.8320, 61.1660, -18.2100 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 190.8320, 61.1660, -18.2100 by changing the saturation by 10% instead.



190.8320, 61.1660,  
-18.2100

190.8320, 61.1660,  
-18.2100

255.0000, -0.0000,  
-0.0000

163.0490, 59.0570,  
-18.5350

234.8290, 38.8850,  
-27.4110

136.1520, 57.2690,  
-19.1710

245.6520, 26.3220,  
-25.5020

109.0440, 57.4530,  
-22.5070

248.8440, 17.3340,  
-16.7940

85.4870, 49.0160,  
-18.2800

252.0360, 8.3460,  
-8.0860

63.9130, 39.2490,  
-11.9750

42.9260, 29.2070,  
-6.1930

23.4120, 19.2110,

-1.2450

■ 1.7940, 3.5760,  
1.2720

■ 0.0000, 0.0000,  
0.0000

■ 190.8320, 61.1660,  
-18.2100

■ 190.8320, 61.1660,  
-18.2100

■ 182.8130, 71.3450,  
-20.9670

■ 198.2640, 51.2620,  
-14.9300

■ 175.3810, 81.2490,  
-24.2470

■ 206.2830, 41.0830,  
-12.1730

■ 168.0630, 90.8320,  
-27.2160

■ 213.6010, 31.5000,  
-9.2040

■ 160.9730, 99.7730,  
-29.5630

■ 221.6200, 21.3210,  
-6.4470

■ 229.0520, 11.4170,  
-3.1670

■ 237.0710, 1.2380,  
-0.4100

■ 244.0470, -7.3820,  
1.6260

■ 249.3300, -9.8570,  
-3.0810

■ 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.



187.6120, 68.4980, 3.1060



190.8320, 61.1660, -18.2100



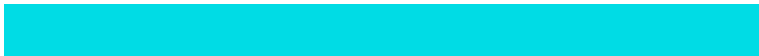
186.3280, 26.8740, -35.5100

# Triad

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



190.8320, 61.1660, -18.2100



155.2460, -134.0090, -43.8410



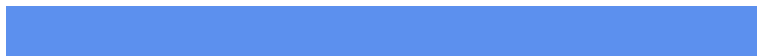
199.4570, 16.4520, 43.2680

# Complementary

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



190.8320, 61.1660, -18.2100



139.1680, -61.1660, 18.2100

# 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.



190.5660, -30.1720, 18.1800



190.8320, 61.1660, -18.2100



155.2750, -140.9800, -33.1400

# Square

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



190.8320, 61.1660, -18.2100



155.4940, -103.0130, -54.9250



165.2630, -105.1750, -15.7270



190.2240, 41.8530, 39.9730



# Rectangle

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



190.8320, 61.1660, -18.2100



181.8280, -4.0730, -41.8410



165.2630, -105.1750, -15.7270



197.5860, 2.6070, 35.3670

# Sweetspot

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



190.8320, 61.1660, -18.2100



240.3640, 19.1660, -5.9380



141.8100, 69.6820, 47.7460



118.2370, 12.3340, -3.2660



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.



190.8320, 61.1660, -18.2100



194.1250, 79.0940, -23.7380



215.6750, 35.5420, -49.4340



116.2840, 4.9520, -1.6400



124.2820, 77.2140, -22.7060



37.8760, 23.4760, -6.9560



# Inverse Universe

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



139.1680, -61.1660, 18.2100



127.4620, -79.3690, 23.2150



114.6240, -34.9460, 49.6460



111.7160, -4.9520, 1.6400



59.1310, -76.9390, 23.2290



18.1240, -23.4760, 6.9560



# Previews

## White Background



This preview shows how the YIQ color 190.8320, 61.1660, -18.2100 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 190.8320, 61.1660, -18.2100 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 190.8320, 61.1660, -18.2100

## Background



This preview shows how black text looks on a background with the YIQ color 190.8320, 61.1660, -18.2100.



This preview shows how white text looks on a background with the YIQ color 190.8320, 61.1660, -18.2100.

-18.2100.

# 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

190.8320, 61.1660, -18.2100

### Protanopia

189.5800, 44.0200, -26.8600

### Deuteranopia

190.8430, 62.6330, -17.2630



## Tritanopia

197.8250, 37.8220, 19.4060

# Trichromacy



## Original Color

190.8320, 61.1660, -18.2100

## Protanomaly

190.0970, 49.9340, -23.9060

## Deuteranomaly

190.5440, 62.0370, -17.4750

## Tritanomaly

195.2860, 46.1690, 5.7930

# Monochromacy



## Original Color

190.8320, 61.1660, -18.2100

## Achromatopsia

191.0000, -0.0000, -0.0000

## Achromatomaly

190.8050, 22.2380, -6.5460

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 190.8320, 61.1660, -18.2100 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, 186, 92)` looks like.

```
.text, #text, p{  
    color:rgb(238, 186, 92)  
}
```

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, 186, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 186, 92) }
```

## Border

The CSS property to change the border of an element to YIQ 190.8320, 61.1660, -18.2100 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, 186, 92) }
```



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

```
.border{ border-color:rgb(238, 186, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 186, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 186, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 186, 92);  
box-shadow:4px 4px 4px 4px rgb(238, 186,  
92) }
```

# Background

The CSS property to change the background color of an element to YIQ 190.8320, 61.1660, -18.2100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 186, 92) }
```

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

```
.background{ background-color: rgb(238,  
186, 92) }
```

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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