

# Converting Colors

YUV(188.8010, -88.6419,  
58.0565)

Have a look what the booklet for  
YUV(188.8010, -88.6419, 58.0565)  
contains.

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# Color

**YUV(188.8010, -88.6419,  
58.0565)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFBE09
RGB	255, 190, 9
RGB Percent	100%, 75%, 4%
CMY	0.0000, 0.2549, 0.9647
CMYK	0.00, 0.25, 0.96, 0.00
HSL	44°, 100%, 52%
HSV	44°, 96%, 100%
XYZ	59.7028, 58.1066, 8.3275
YIQ	188.8010, 96.8410, -42.5110

# Conversions

## Conversions Part 2

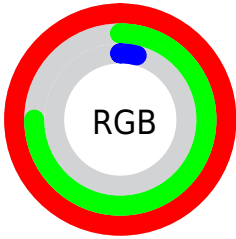
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">97, 255, 9</a>
Decimal	<a href="#">16760329</a>
CIELab	<a href="#">80.80, 10.98, 82.00</a>
CIELCh	<a href="#">81, 82.730, 82.376</a>
Yxy	<a href="#">58.1066, 0.4733, 0.4607</a>
Android (android.graphics.Color)	<a href="#">4294950409</a> ( <a href="#">0xFFFFBE09</a> )
YUV	<a href="#">188.8010, -88.6419, 58.0565</a>
Hunter-Lab	<a href="#">76.2277, 6.4056, 46.8823</a>

# Details

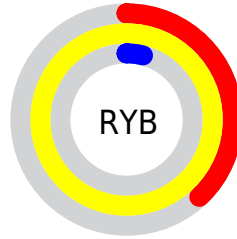
The YUV color **188.8010, -88.6419, 58.0565** is a dark color, and the websafe version is hex **FFCC00**. The color can be described as middle saturated orange. A complement of this color would be **75.1990, 88.6419, -58.0565**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.4510, -71.2143, 21.5295**, and **138.1260, -68.0961, 48.1245** is the 20% darker color. If you saturate the color by 10%, you get **186.6010, -91.9943, 59.9859**, and if you desaturate by 10%, it is **195.7600, -79.7477, 51.9535**.

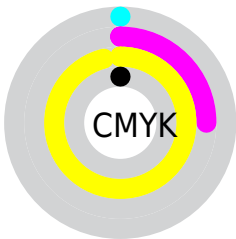
# Distribution



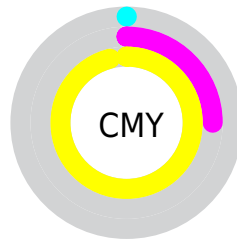
- Red (100%)
- Green (75%)
- Blue (4%)



- Red (38%)
- Yellow (100%)
- Blue (4%)



- Cyan (0%)
- Magenta (25%)
- Yellow (96%)
- Black (0%)



- Cyan (0%)
- Magenta (25%)
- Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 188.8010, -88.6419, 58.0565 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 YUV color 188.8010, -88.6419, 58.0565 by changing the saturation by 10% instead.



188.8010,  
-88.6419, 58.0565

188.8010,  
-88.6419, 58.0565

255.0000, 0.0000,  
0.0000

162.6570,  
-80.1899, 53.7978

230.4510,  
-71.2143, 21.5295

138.1260,  
-68.0961, 48.1245

239.1540,  
-60.7149, 13.8969

114.1820,  
-56.2917, 41.9364

242.4600,  
-48.0478, 10.9976

91.1240, -44.9241,  
35.8483

245.6520,  
-35.8174, 8.1982

68.9520, -33.9933,  
29.8601

249.0720,  
-22.7135, 5.1989

47.6660, -23.4993,  
23.9719

252.3780,

27.5650, -13.5895,

-10.0464, 2.2995

18.7985

■ 7.7740, -3.8326,  
15.9842

■ 0.0000, 0.0000,  
0.0000

■ 188.8010,  
-88.6419, 58.0565

■ 188.8010,  
-88.6419, 58.0565

■ 186.6010,  
-91.9943, 59.9859

■ 195.7600,  
-79.7477, 51.9535

■ 202.2460,  
-70.1273, 46.2653

■ 209.3190,  
-60.7963, 40.0622

■ 216.2780,  
-51.9021, 33.9592

■ 223.3510,  
-42.5710, 27.7562

■ 229.7230,  
-33.3874, 22.1679

■ 236.7960,  
-24.0564, 15.9649

■ 243.7550,  
-15.1622, 9.8619

■ 250.8280, -5.8312,  
3.6588

# Harmonies

## Analogous

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



177.7690, -49.6791, 67.7316



188.8010, -88.6419, 58.0565



183.6410, -76.2380, -0.5622

# Triad

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



188.8010, -88.6419, 58.0565



167.6020, 43.0872, -146.9870



195.1260, 29.5179, 52.5095

# Complementary

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



188.8010, -88.6419, 58.0565



75.1990, 88.6419, -58.0565

# 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.



187.5650, 33.2455, -23.2975



188.8010, -88.6419, 58.0565



164.6670, 44.5342, -144.4130

# Square

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



188.8010, -88.6419, 58.0565



158.2370, 9.7432, -138.7738



155.2750, 49.1644, -136.1762



175.1560, 24.0801, 70.0232



# Rectangle

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



188.8010, -88.6419, 58.0565



176.3310, -49.4632, -48.5253



155.2750, 49.1644, -136.1762



199.1800, 27.5193, 40.1841

# Sweetspot

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



188.8010, -88.6419, 58.0565



234.8240, -26.5352, 17.6944



90.0780, -7.4335, 144.6366



115.8260, -16.1832, 10.6766



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.



188.8010, -88.6419, 58.0565



186.6010, -91.9943, 59.9859



209.9130, -99.0501, -10.4477



124.1700, -4.5208, 3.3589



139.8760, -68.9589, 44.8357



46.7250, -23.0354, 15.1502



# Inverse Universe

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



75.1990, 88.6419, -58.0565



68.3990, 91.9943, -59.9859



54.0870, 99.0501, 10.4477



118.2430, 4.8102, -2.8441



51.7110, 68.6695, -45.3505



17.2750, 23.0354, -15.1502



# Previews

## White Background



This preview shows how the YUV color 188.8010, -88.6419, 58.0565 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 YUV color 188.8010, -88.6419, 58.0565 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](#).

# YUV 188.8010, -88.6419, 58.0565

## Background



This preview shows how black text looks on a background with the YUV color 188.8010, -88.6419, 58.0565.



This preview shows how white text looks on a background with the YUV color 188.8010, -88.6419, 58.0565.



# 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

188.8010, -88.6419, 58.0565

### Protanopia

187.6840, -84.6402, 34.4801

### Deuteranopia

188.2740, -89.3681, 57.6417



## Tritanopia

204.3800, -6.1033, 44.3937

# Trichromacy



## Original Color

188.8010, -88.6419, 58.0565

## Protanomaly

187.9840, -86.2671, 42.9870

## Deuteranomaly

188.3880, -88.9313, 57.5417

## Tritanomaly

198.5030, -36.2370, 49.5479

# Monochromacy



## Original Color

188.8010, -88.6419, 58.0565

## Achromatopsia

189.0000, 0.0000, 0.0000

## Achromatomaly

188.7660, -31.9296, 21.2532

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 188.8010, -88.6419, 58.0565 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(255, 190, 9)` looks like.

```
.text, #text, p{  
    color:rgb(255, 190, 9)  
}
```

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(255, 190, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 190, 9) }
```

## Border

The CSS property to change the border of an element to YUV 188.8010, -88.6419, 58.0565 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(255, 190, 9) }
```



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

```
.border{ border-color:rgb(255, 190, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 190, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 190, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 190, 9);  
box-shadow:4px 4px 4px 4px rgb(255, 190,  
9) }
```

# Background

The CSS property to change the background color of an element to YUV 188.8010, -88.6419, 58.0565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 190, 9) }
```

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

```
.background{ background-color: rgb(255,  
190, 9) }
```

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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