

Converting Colors

YUV(158.2890, -58.3165,
84.8155)

Have a look what the booklet for
YUV(158.2890, -58.3165, 84.8155)
contains.

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Color

**YUV(158.2890, -58.3165,
84.8155)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8428
RGB	255, 132, 40
RGB Percent	100%, 52%, 16%
CMY	0.0000, 0.4824, 0.8431
CMYK	0.00, 0.48, 0.84, 0.00
HSL	26°, 100%, 58%
HSV	26°, 84%, 100%
XYZ	49.8743, 37.9157, 6.6973
YIQ	158.2890, 102.8400, -2.5360

Conversions

Conversions Part 2

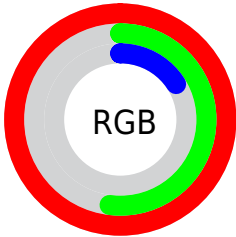
Format	Color
R _Y B	255, 201, 40
Decimal	16745512
CIE Lab	67.96, 41.40, 65.81
CIE LCh	68, 77.746, 57.827
Yxy	37.9157, 0.5278, 0.4013
Android (android.graphics.Color)	4294935592 (0xFFFF8428)
YUV	158.2890, -58.3165, 84.8155
Hunter-Lab	61.5757, 36.8214, 36.6543

Details

The YUV color **158.2890, -58.3165, 84.8155** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **136.7110, 58.3165, -84.8155**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.7300, -50.6459, 51.1028**, and **104.0690, -51.3060, 76.2385** is the 20% darker color. If you saturate the color by 10%, you get **146.6340, -64.8956, 95.0370**, and if you desaturate by 10%, it is **170.0580, -51.3006, 74.4941**.

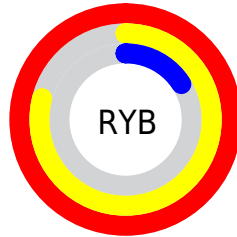
Distribution



Red (100%)

Green (52%)

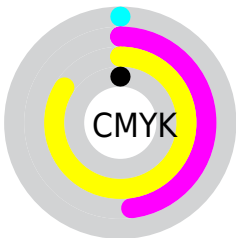
Blue (16%)



Red (100%)

Yellow (79%)

Blue (16%)

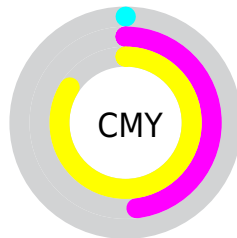


Cyan (0%)

Magenta (48%)

Yellow (84%)

Black (0%)



Cyan (0%)

Magenta (48%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.2890, -58.3165, 84.8155 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 158.2890, -58.3165, 84.8155 by changing the saturation by 10% instead.

158.2890,
-58.3165, 84.8155

158.2890,
-58.3165, 84.8155

255.0000, 0.0000,
0.0000

129.1270,
-62.6736, 82.3266

196.7300,
-50.6459, 51.1028

104.0690,
-51.3060, 76.2385

216.2440,
-46.9553, 33.9890

79.5380, -39.2122,
70.5652

236.3450,
-43.5541, 16.3604

55.0070, -27.1185,
64.8919

245.9940,
-34.5070, 7.8983

29.6010, -14.5933,
60.8629

249.1860,
-22.2767, 5.0989

20.9300, -10.3185,
43.0344

252.4920, -9.6096,

13.5690, -6.1965,

2.1995

27.5650

0.0000, 0.0000,
0.0000

158.2890,
-58.3165, 84.8155

158.2890,
-58.3165, 84.8155

146.6340,
-64.8956, 95.0370

170.0580,
-51.3006, 74.4941

140.2280,
-69.1324, 100.6550

181.1260,
-44.4321, 64.7875

192.8950,
-37.4162, 54.4661

203.9630,
-30.5478, 44.7594

215.7320,
-23.5319, 34.4380

227.3870,
-16.9528, 24.2166

238.5690, -9.6475,
14.4100

250.2240, -3.0684,
4.1886

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



147.5020, -20.9535, 94.2757



158.2890, -58.3165, 84.8155



154.9050, -76.3682, 41.3023

Triad

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



158.2890, -58.3165, 84.8155



133.6510, 12.0041, -117.2119



161.9810, 45.8584, -8.7533

Complementary

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



158.2890, -58.3165, 84.8155



136.7110, 58.3165, -84.8155

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.



132.3820, 60.4507, -116.0990



158.2890, -58.3165, 84.8155



141.7450, 43.0167, -124.3104

Square

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



158.2890, -58.3165, 84.8155



122.5080, -17.9984, -107.4395



141.1870, 56.1098, -123.8210



168.0490, 36.4578, 66.6090

Rectangle

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



158.2890, -58.3165, 84.8155



150.2660, -74.0811, 7.6597



141.1870, 56.1098, -123.8210



151.4060, 51.0718, -47.7141

Sweetspot

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



158.2890, -58.3165, 84.8155



226.5720, -17.5370, 24.9314



118.5350, 22.9072, 119.6798



110.6400, -10.6685, 15.2247



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.



158.2890, -58.3165, 84.8155



140.2280, -69.1324, 100.6550



219.9240, -88.7025, 30.7617



121.8220, -3.3632, 5.4181



105.2430, -51.8848, 75.2089



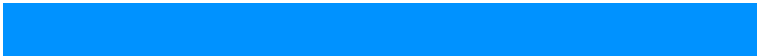
34.9850, -17.2476, 25.4462

Inverse Universe

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



136.7110, 58.3165, -84.8155



114.7720, 69.1324, -100.6550



75.0760, 88.7025, -30.7617



120.5910, 3.6526, -4.9033



85.7570, 51.8848, -75.2089



28.4280, 17.5370, -24.9314

Previews

White Background



This preview shows how the YUV color 158.2890, -58.3165, 84.8155 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 158.2890, -58.3165, 84.8155 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 158.2890, -58.3165, 84.8155

Background



This preview shows how black text looks on a background with the YUV color 158.2890, -58.3165, 84.8155.



This preview shows how white text looks on a background with the YUV color 158.2890, -58.3165, 84.8155.

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

158.2890, -58.3165, 84.8155

Protanopia

158.6420, -54.0535, 23.9930

Deuteranopia

158.0270, -64.5963, 45.5803



Tritanopia

165.4830, -15.5211, 78.5064

Trichromacy



Original Color

158.2890, -58.3165, 84.8155

Protanomaly

158.7310, -55.5764, 45.8399

Deuteranomaly

158.0980, -62.1663, 59.5501

Tritanomaly

162.7810, -30.9510, 80.8761

Monochromacy



Original Color

158.2890, -58.3165, 84.8155

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

158.2800, -21.3370, 30.4494

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.2890, -58.3165, 84.8155 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, 132, 40)` looks like.

```
.text, #text, p{  
    color:rgb(255, 132, 40)  
}
```

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, 132, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 132, 40) }
```

Border

The CSS property to change the border of an element to YUV 158.2890, -58.3165, 84.8155 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, 132, 40) }
```


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

```
.border{ border-color:rgb(255, 132, 40) }
```

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

Here you see how a box with a 4 pixel rgb(255, 132, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 132, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 132, 40);  
box-shadow:4px 4px 4px 4px rgb(255, 132,  
40) }
```

Background

The CSS property to change the background color of an element to YUV 158.2890, -58.3165, 84.8155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 132, 40) }
```

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

```
.background{ background-color: rgb(255,  
132, 40) }
```

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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