

Converting Colors

YUV(158.9820, -49.2911,
83.3308)

Have a look what the booklet for
YUV(158.9820, -49.2911, 83.3308)
contains.

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Color

**YUV(158.9820, -49.2911,
83.3308)**

Conversions

Conversions Part 1

Format	Color
Hex	FE823B
RGB	254, 130, 59
RGB Percent	100%, 51%, 23%
CMY	0.0039, 0.4902, 0.7686
CMYK	0.00, 0.49, 0.77, 0.00
HSL	22°, 99%, 61%
HSV	22°, 77%, 100%
XYZ	49.6451, 37.3519, 8.7307
YIQ	158.9820, 96.6950, 4.2070

Conversions

Conversions Part 2

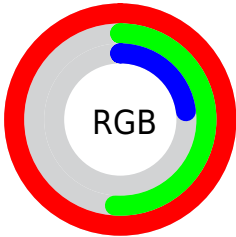
Format	Color
R_{YB}	254, 171, 59
Decimal	16679483
CIE _{Lab}	67.54, 42.58, 57.79
CIE _{LCh}	68, 71.785, 53.616
Yxy	37.3519, 0.5186, 0.3902
Android (android.graphics.Color)	4294869563 (0xFFFE823B)
YUV	158.9820, -49.2911, 83.3308
Hunter-Lab	61.1162, 38.0435, 34.3115

Details

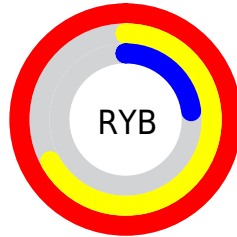
The YUV color **158.9820, -49.2911, 83.3308** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **154.0180, 49.2911, -83.3308**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.4940, -42.6415, 50.4328**, and **102.8950, -50.7272, 77.2681** is the 20% darker color. If you saturate the color by 10%, you get **146.7400, -55.5808, 94.0670**, and if you desaturate by 10%, it is **171.2240, -43.0014, 72.5946**.

Distribution



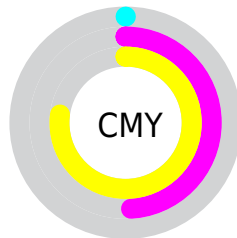
- Red (100%)
- Green (51%)
- Blue (23%)



- Red (100%)
- Yellow (67%)
- Blue (23%)



- Cyan (0%)
- Magenta (49%)
- Yellow (77%)
- Black (0%)



- Cyan (0%)
- Magenta (49%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.9820, -49.2911, 83.3308 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 158.9820, -49.2911, 83.3308 by changing the saturation by 10% instead.

158.9820,
-49.2911, 83.3308

158.9820,
-49.2911, 83.3308

255.0000, 0.0000,
0.0000

131.1880,
-48.4067, 79.6421

197.4940,
-42.6415, 50.4328

102.8950,
-50.7272, 77.2681

216.8940,
-39.3877, 33.4190

78.3640, -38.6335,
71.5948

236.9950,
-35.9865, 15.7904

52.6590, -25.9609,
66.9511

247.8180,
-27.5183, 6.2986

29.6010, -14.5933,
60.8629

251.0100,
-15.2879, 3.4992

20.9300, -10.3185,
43.0344

254.3160, -2.6208,

13.2700, -6.0491,

0.5999

26.9502

■ 0.0000, 0.0000,
0.0000

■ 158.9820,
-49.2911, 83.3308

■ 158.9820,
-49.2911, 83.3308

■ 146.7400,
-55.5808, 94.0670

■ 171.2240,
-43.0014, 72.5946

■ 134.3840,
-62.3073, 104.9032

■ 183.5800,
-36.2749, 61.7583

■ 129.9500,
-64.0653, 108.7919

■ 195.8220,
-29.9852, 51.0221

■ 208.7650,
-23.5481, 39.6711

■ 221.0070,
-17.2585, 28.9349

■ 233.2490,
-10.9688, 18.1986

■ 245.6050, -4.2423,
7.3624

254.7010, 0.1474,
-0.6148

Harmonies

Analogous

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



151.2180, -16.8695, 91.0168



158.9820, -49.2911, 83.3308



154.4650, -75.6582, 46.9502

Triad

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



158.9820, -49.2911, 83.3308



130.7500, 8.5043, -114.6677



159.5450, 47.0593, -20.6490

Complementary

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



158.9820, -49.2911, 83.3308



154.0180, 49.2911, -83.3308

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



158.9820, -49.2911, 83.3308



138.3880, 37.7697, -121.3663

Square

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



158.9820, -49.2911, 83.3308



135.6650, -25.9638, -72.4972



140.0130, 56.6886, -122.7914



168.2600, 36.3538, 53.2690

Rectangle

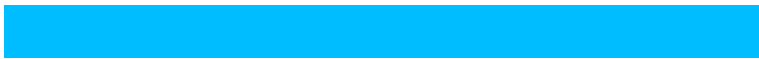
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



158.9820, -49.2911, 83.3308



150.6090, -74.2502, 15.2519



140.0130, 56.6886, -122.7914



148.3830, 52.5622, -59.0949

Sweetspot

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



158.9820, -49.2911, 83.3308



226.5550, -15.0636, 24.9463



131.7830, 26.7290, 107.1843



110.3950, -9.0687, 15.4396



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.



158.9820, -49.2911, 83.3308



140.7470, -59.5283, 100.1999



214.7470, -76.7833, 34.4249



121.2350, -3.0739, 5.9329



98.1990, -48.4121, 81.3865



32.6370, -16.0900, 27.5054

Inverse Universe

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



154.0180, 49.2911, -83.3308



134.8400, 59.2389, -100.7147



98.2530, 76.7833, -34.4249



121.1780, 3.3632, -5.4181



93.3880, 48.1227, -81.9013



31.3630, 16.0900, -27.5054

Previews

White Background



This preview shows how the YUV color 158.9820, -49.2911, 83.3308 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 158.9820, -49.2911, 83.3308 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 158.9820, -49.2911, 83.3308

Background



This preview shows how black text looks on a background with the YUV color 158.9820, -49.2911, 83.3308.



This preview shows how white text looks on a background with the YUV color 158.9820, -49.2911, 83.3308.

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

158.9820, -49.2911, 83.3308

Protanopia

159.7370, -44.7333, 21.2787

Deuteranopia

159.8660, -53.6709, 41.3365



Tritanopia

164.0810, -15.8159, 79.7360

Trichromacy



Original Color

158.9820, -49.2911, 83.3308

Protanomaly

159.1250, -46.4036, 43.7404

Deuteranomaly

159.4210, -51.9726, 56.6358

Tritanomaly

162.1770, -28.1883, 81.4058

Monochromacy



Original Color

158.9820, -49.2911, 83.3308

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

158.9040, -17.7007, 30.7792

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.9820, -49.2911, 83.3308 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(254, 130, 59)` looks like.

```
.text, #text, p{  
    color:rgb(254, 130, 59)  
}
```

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(254, 130, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 130, 59) }
```

Border

The CSS property to change the border of an element to YUV 158.9820, -49.2911, 83.3308 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(254, 130, 59) }
```


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

```
.border{ border-color:rgb(254, 130, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 130, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 130, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 130, 59);  
box-shadow:4px 4px 4px 4px rgb(254, 130,  
59) }
```

Background

The CSS property to change the background color of an element to YUV 158.9820, -49.2911, 83.3308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 130, 59) }
```

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

```
.background{ background-color: rgb(254,  
130, 59) }
```

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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