

# Converting Colors

YUV(159.6990, -50.1376,  
74.8090)

Have a look what the booklet for  
YUV(159.6990, -50.1376, 74.8090)  
contains.

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# Color

**YUV(159.6990, -50.1376,  
74.8090)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F5883A
RGB	245, 136, 58
RGB Percent	96%, 53%, 23%
CMY	0.0392, 0.4667, 0.7725
CMYK	0.00, 0.44, 0.76, 0.04
HSL	25°, 90%, 59%
HSV	25°, 76%, 96%
XYZ	47.2241, 37.3263, 8.7187
YIQ	159.6990, 90.0020, -1.1500

# Conversions

## Conversions Part 2

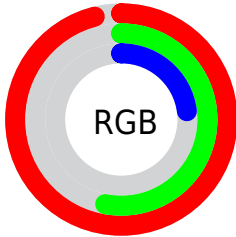
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	245, 192, 58
Decimal	16091194
CIE <sub>Lab</sub>	67.52, 36.01, 57.80
CIE <sub>LCh</sub>	68, 68.098, 58.076
Yxy	37.3263, 0.5063, 0.4002
Android (android.graphics.Color)	4294281274 (0xFFFF5883A)
YUV	159.6990, -50.1376, 74.8090
Hunter-Lab	61.0952, 31.0564, 34.3056

# Details

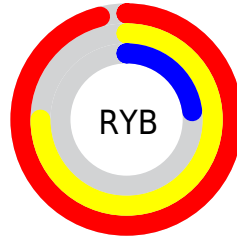
The YUV color **159.6990, -50.1376, 74.8090** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **143.3010, 50.1376, -74.8090**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.3150, -44.5253, 47.9587**, and **104.0250, -51.2843, 69.2611** is the 20% darker color. If you saturate the color by 10%, you get **148.6310, -57.0061, 84.5156**, and if you desaturate by 10%, it is **170.6530, -43.7059, 65.2023**.

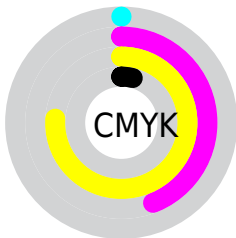
# Distribution



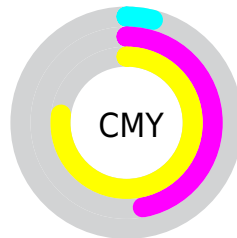
- Red (96%)
- Green (53%)
- Blue (23%)



- Red (96%)
- Yellow (75%)
- Blue (23%)



- Cyan (0%)
- Magenta (44%)
- Yellow (76%)
- Black (4%)



- Cyan (4%)
- Magenta (47%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 159.6990, -50.1376, 74.8090 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 159.6990, -50.1376, 74.8090 by changing the saturation by 10% instead.



159.6990,  
-50.1376, 74.8090

159.6990,  
-50.1376, 74.8090

255.0000, 0.0000,  
0.0000

132.0900,  
-49.8374, 71.8351

200.3150,  
-44.5253, 47.9587

104.0250,  
-51.2843, 69.2611

220.3020,  
-41.5609, 30.4301

80.6680, -39.7693,  
62.5582

239.9300,  
-37.4335, 13.2164

57.0230, -28.1123,  
56.9848

247.7040,  
-27.9551, 6.3986

31.0300, -15.2978,  
53.4707

251.0100,  
-15.2879, 3.4992

19.1360, -9.4340,  
39.3457

254.3160, -2.6208,

11.7750, -5.3121,

0.5999

23.8763

0.0000, 0.0000,  
0.0000

159.6990,  
-50.1376, 74.8090

159.6990,  
-50.1376, 74.8090

148.6310,  
-57.0061, 84.5156

170.6530,  
-43.7059, 65.2023

137.0900,  
-63.1484, 94.6371

182.3080,  
-37.1268, 54.9809

133.1290,  
-65.6326, 98.1109

193.3760,  
-30.2584, 45.2742

204.3300,  
-23.8267, 35.6676

215.2840,  
-17.3950, 26.0609

■ 226.9390,  
-10.8159, 15.8395

■ 237.8930, -4.3842,  
6.2328

■ 248.9610, 2.4842,  
-3.4738

■ 252.0100, 1.4741,  
-6.1478

# Harmonies

## Analogous

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



154.5290, -21.9528, 88.1131



159.6990, -50.1376, 74.8090



155.7010, -66.9006, 37.9732

# Triad

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



159.6990, -50.1376, 74.8090



131.3030, 13.1616, -115.1527



163.7640, 44.9793, -6.8090

# Complementary

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



159.6990, -50.1376, 74.8090



143.3010, 50.1376, -74.8090

# 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.



130.6210, 61.3188, -114.5546



159.6990, -50.1376, 74.8090



138.4850, 40.6799, -121.4513

# Square

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



159.6990, -50.1376, 74.8090



133.2600, -18.3692, -81.7890



138.8390, 57.2674, -121.7618



168.0990, 30.5172, 58.6722



# Rectangle

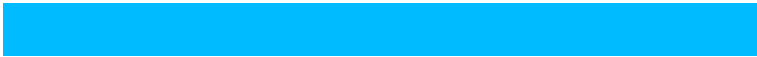
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



159.6990, -50.1376, 74.8090



152.6970, -60.9826, 6.4047



138.8390, 57.2674, -121.7618



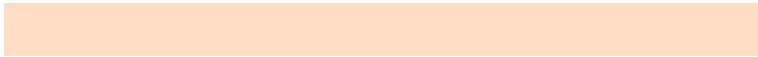
156.5000, 48.5605, -35.5185

# Sweetspot

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



159.6990, -50.1376, 74.8090



228.3160, -15.9318, 23.4019



126.3390, 20.0459, 104.0657



111.5690, -9.6475, 14.4100



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.



159.6990, -50.1376, 74.8090



147.7910, -63.0010, 94.0223



214.2900, -77.0510, 26.9327



116.5230, -3.2158, 4.8033



101.4000, -49.9902, 74.1942



31.7290, -15.6424, 23.9167

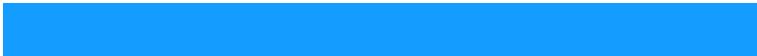


# Inverse Universe

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



143.3010, 50.1376, -74.8090



127.2090, 63.0010, -94.0223



88.7100, 77.0510, -26.9327



115.4770, 3.2158, -4.8033



85.1870, 49.7008, -74.7090



26.6840, 15.9318, -23.4019



# Previews

## White Background



This preview shows how the YUV color 159.6990, -50.1376, 74.8090 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 159.6990, -50.1376, 74.8090 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 159.6990, -50.1376, 74.8090

## Background



This preview shows how black text looks on a background with the YUV color 159.6990, -50.1376, 74.8090.



This preview shows how white text looks on a background with the YUV color 159.6990, -50.1376,



# 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

159.6990, -50.1376, 74.8090

### Protanopia

159.3950, -46.0437, 21.5786

### Deuteranopia

159.9800, -53.2341, 41.2365



## Tritanopia

165.2050, -13.9051, 73.4882

# Trichromacy



**Original Color**

159.6990, -50.1376, 74.8090

**Protanomaly**

159.1740, -47.4138, 41.0664

**Deuteranomaly**

159.6980, -52.1091, 53.7619

**Tritanomaly**

163.3610, -27.2930, 74.2284

# Monochromacy



**Original Color**

159.6990, -50.1376, 74.8090

**Achromatopsia**

160.0000, 0.0000, 0.0000

**Achromatomaly**

159.7680, -18.1266, 27.3905

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 159.6990, -50.1376, 74.8090 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(245, 136, 58)` looks like.

```
.text, #text, p{  
    color:rgb(245, 136, 58)  
}
```

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(245, 136, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 136, 58) }
```

## Border

The CSS property to change the border of an element to YUV 159.6990, -50.1376, 74.8090 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(245, 136, 58) }
```



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

```
.border{ border-color:rgb(245, 136, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 136, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 136, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 136, 58);  
box-shadow:4px 4px 4px 4px rgb(245, 136,  
58) }
```

# Background

The CSS property to change the background color of an element to YUV 159.6990, -50.1376, 74.8090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 136, 58) }
```

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

```
.background{ background-color: rgb(245,  
136, 58) }
```

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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