

Converting Colors

YUV(158.0510, -67.5661,
64.8533)

Have a look what the booklet for
YUV(158.0510, -67.5661, 64.8533)
contains.

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Color

**YUV(158.0510, -67.5661,
64.8533)**

Conversions

Conversions Part 1

Format	Color
Hex	E89315
RGB	232, 147, 21
RGB Percent	91%, 58%, 8%
CMY	0.0902, 0.4235, 0.9176
CMYK	0.00, 0.37, 0.91, 0.09
HSL	36°, 83%, 50%
HSV	36°, 91%, 91%
XYZ	43.8478, 38.0774, 5.7481
YIQ	158.0510, 91.1060, -21.1660

Conversions

Conversions Part 2

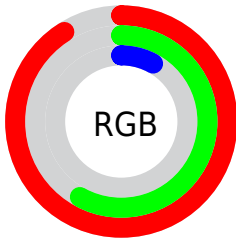
Format	Color
RYB	163, 232, 21
Decimal	15242005
CIELab	68.08, 23.94, 69.93
CIELCh	68, 73.918, 71.103
Yxy	38.0774, 0.5001, 0.4343
Android (android.graphics.Color)	4293432085 (0xFFE89315)
YUV	158.0510, -67.5661, 64.8533
Hunter-Lab	61.7069, 18.8518, 37.6718

Details

The YUV color **158.0510, -67.5661, 64.8533** 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 **94.9490, 67.5661, -64.8533**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.6940, -59.5021, 44.9954**, and **107.1820, -52.8407, 55.0914** is the 20% darker color. If you saturate the color by 10%, you get **150.9610, -74.4238, 71.0712**, and if you desaturate by 10%, it is **165.9560, -60.1243, 57.9206**.

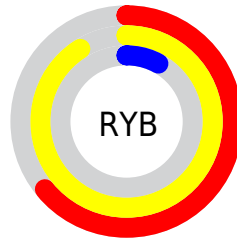
Distribution



Red (91%)

Green (58%)

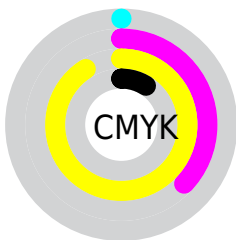
Blue (8%)



Red (64%)

Yellow (91%)

Blue (8%)

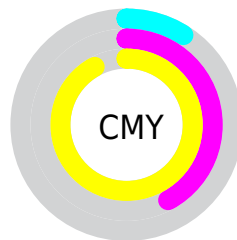


Cyan (0%)

Magenta (37%)

Yellow (91%)

Black (9%)



Cyan (9%)

Magenta (42%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.0510, -67.5661, 64.8533 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 158.0510, -67.5661, 64.8533 by changing the saturation by 10% instead.

158.0510,
-67.5661, 64.8533

158.0510,
-67.5661, 64.8533

255.0000, 0.0000,
0.0000

131.1260,
-64.6451, 61.2795

203.6940,
-59.5021, 44.9954

107.1820,
-52.8407, 55.0914

223.2080,
-55.8115, 27.8816

84.1240, -41.4731,
49.0033

241.6620,
-51.1054, 11.6974

61.6530, -30.3949,
42.4003

244.8540,
-38.8750, 8.8980

40.3670, -19.9009,
36.5121

248.0460,
-26.6447, 6.0987

19.3800, -9.5543,
31.2387

251.3520,

8.7850, -3.8380,

-13.9775, 3.1993

17.7286

254.6580, -1.3104,
0.2999

■ 0.0000, 0.0000,
0.0000

■ 158.0510,
-67.5661, 64.8533

■ 158.0510,
-67.5661, 64.8533

■ 150.9610,
-74.4238, 71.0712

■ 165.9560,
-60.1243, 57.9206

■ 174.4480,
-52.9719, 50.4731

■ 182.4670,
-45.0932, 43.4404

■ 190.3720,
-37.6514, 36.5078

■ 198.8640,
-30.4990, 29.0603

■ 206.7690,
-23.0571, 22.1276

■ 214.6740,
-15.6153, 15.1949

■ 223.2800, -8.0260,
7.6474

■ 231.1850, -0.5842,
0.7148

Harmonies

Analogous

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



154.7450, -36.3563, 87.9236



158.0510, -67.5661, 64.8533



152.7020, -75.2821, 19.5553

Triad

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



158.0510, -67.5661, 64.8533



137.2990, 25.9816, -120.4112



169.2890, 42.2555, 26.9335

Complementary

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



158.0510, -67.5661, 64.8533



94.9490, 67.5661, -64.8533

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.



141.1740, 56.1162, -79.0826



158.0510, -67.5661, 64.8533



143.1930, 53.6419, -125.5803

Square

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



158.0510, -67.5661, 64.8533



127.5580, -3.7261, -111.8684



137.6650, 57.8462, -120.7322



163.1080, 23.6108, 80.5893

Rectangle

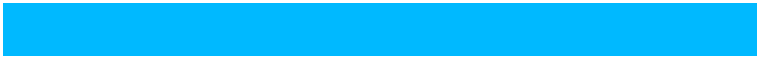
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



158.0510, -67.5661, 64.8533



148.8680, -57.1229, -18.3012



137.6650, 57.8462, -120.7322



165.2920, 44.2260, 1.4979

Sweetspot

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



158.0510, -67.5661, 64.8533



230.6980, -22.0361, 21.3129



94.1210, 7.3353, 120.9199



113.3470, -12.9891, 12.8507



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.



158.0510, -67.5661, 64.8533



165.4690, -81.5762, 78.5187



202.5640, -89.5111, 10.0294



110.6970, -3.7946, 3.7737



116.3300, -57.3507, 54.9616



32.8590, -16.1995, 15.9097

Inverse Universe

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



94.9490, 67.5661, -64.8533



89.5310, 81.5762, -78.5187



50.4360, 89.5111, -10.0294



107.3030, 3.7946, -3.7737



62.6700, 57.3507, -54.9616



18.1410, 16.1995, -15.9097

Previews

White Background



This preview shows how the YUV color 158.0510, -67.5661, 64.8533 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 158.0510, -67.5661, 64.8533 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 158.0510, -67.5661, 64.8533

Background



This preview shows how black text looks on a background with the YUV color 158.0510, -67.5661, 64.8533.



This preview shows how white text looks on a background with the YUV color 158.0510, -67.5661,

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

158.0510, -67.5661, 64.8533

Protanopia

157.0200, -64.0999, 26.2925

Deuteranopia

155.5360, -76.6792, 47.7649



Tritanopia

168.3390, -10.5201, 61.0927

Trichromacy



Original Color

158.0510, -67.5661, 64.8533

Protanomaly

157.4670, -65.3062, 39.9324

Deuteranomaly

156.4920, -73.2066, 53.9425

Tritanomaly

164.8450, -31.4756, 62.4029

Monochromacy



Original Color

158.0510, -67.5661, 64.8533

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

158.0250, -24.6623, 23.6571

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.0510, -67.5661, 64.8533 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(232, 147, 21)` looks like.

```
.text, #text, p{  
    color:rgb(232, 147, 21)  
}
```

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(232, 147, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 147, 21) }
```

Border

The CSS property to change the border of an element to YUV 158.0510, -67.5661, 64.8533 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(232, 147, 21) }
```


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

```
.border{ border-color:rgb(232, 147, 21) }
```

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

Here you see how a box with a 4 pixel rgb(232, 147, 21) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 147, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 147, 21);  
box-shadow:4px 4px 4px 4px rgb(232, 147,  
21) }
```

Background

The CSS property to change the background color of an element to YUV 158.0510, -67.5661, 64.8533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 147, 21) }
```

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

```
.background{ background-color: rgb(232,  
147, 21) }
```

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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