

Converting Colors

YUV(158.4290, -67.7525,
31.1958)

Have a look what the booklet for
YUV(158.4290, -67.7525, 31.1958)
contains.

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Color

**YUV(158.4290, -67.7525,
31.1958)**

Conversions

Conversions Part 1

Format	Color
Hex	C2A715
RGB	194, 167, 21
RGB Percent	76%, 65%, 8%
CMY	0.2392, 0.3451, 0.9176
CMYK	0.00, 0.14, 0.89, 0.24
HSL	51°, 80%, 42%
HSV	51°, 89%, 76%
XYZ	36.2022, 39.1609, 6.3602
YIQ	158.4290, 62.9580, -39.6820

Conversions

Conversions Part 2

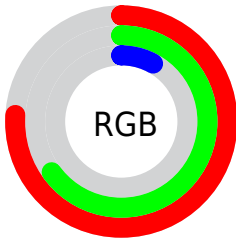
Format	Color
RYB	53, 194, 21
Decimal	12756757
CIELab	68.87, -3.37, 68.72
CIELCh	69, 68.805, 92.807
Yxy	39.1609, 0.4430, 0.4792
Android (android.graphics.Color)	4290946837 (0xFFC2A715)
YUV	158.4290, -67.7525, 31.1958
Hunter-Lab	62.5787, -6.2492, 37.7791

Details

The YUV color **158.4290, -67.7525, 31.1958** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **56.5710, 67.7525, -31.1958**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.9500, -64.5583, 33.3699**, and **108.7560, -53.6167, 23.8930** is the 20% darker color. If you saturate the color by 10%, you get **154.5020, -75.1835, 34.6397**, and if you desaturate by 10%, it is **162.3560, -60.3215, 27.7518**.

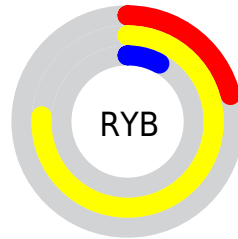
Distribution



Red (76%)

Green (65%)

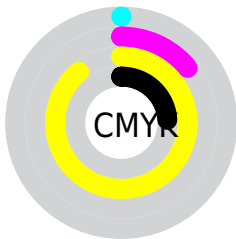
Blue (8%)



Red (21%)

Yellow (76%)

Blue (8%)

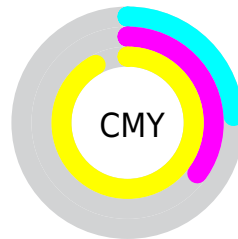


Cyan (0%)

Magenta (14%)

Yellow (89%)

Black (24%)



Cyan (24%)

Magenta (35%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.4290, -67.7525, 31.1958 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 158.4290, -67.7525, 31.1958 by changing the saturation by 10% instead.

■ 158.4290,
-67.7525, 31.1958

■ 158.4290,
-67.7525, 31.1958

■ 255.0000, 0.0000,
0.0000

■ 132.1020,
-65.1263, 28.8515

■ 215.9500,
-64.5583, 33.3699

■ 108.7560,
-53.6167, 23.8930

■ 235.7630,
-61.0152, 16.8708

■ 85.7090, -42.2545,
19.5492

■ 241.8900,
-50.2318, 11.4975

■ 63.8360, -31.4711,
14.1758

■ 245.0820,
-38.0014, 8.6981

■ 43.1480, -21.2720,
9.5172

■ 248.3880,
-25.3343, 5.7987

■ 23.9330, -11.7990,
4.4438

■ 251.6940,

■ 0.0000, 0.0000,

-12.6671, 2.8994

0.0000

■ 158.4290,
-67.7525, 31.1958

■ 158.4290,
-67.7525, 31.1958

■ 154.5020,
-75.1835, 34.6397

■ 162.3560,
-60.3215, 27.7518

■ 154.2740,
-76.0571, 34.8397

■ 166.3970,
-52.4537, 24.2078

■ 170.3240,
-45.0227, 20.7639

■ 174.3650,
-37.1549, 17.2199

■ 178.2920,
-29.7240, 13.7759

■ 182.2190,
-22.2930, 10.3319

■ 186.2600,
-14.4252, 6.7880

■ 190.1870, -6.9942,
3.3440

■ 194.2280, 0.8736,
-0.2000

Harmonies

Analogous

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



162.9390, -54.1999, 71.0905



158.4290, -67.7525, 31.1958



152.8060, -49.6974, -20.0009

Triad

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



158.4290, -67.7525, 31.1958



141.7280, 45.4901, -124.2955



170.9430, 27.1431, 67.5790

Complementary

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



158.4290, -67.7525, 31.1958



56.5710, 67.7525, -31.1958

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.



169.1570, 42.3206, 6.0013



158.4290, -67.7525, 31.1958



140.0130, 56.6886, -122.7914

Square

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



158.4290, -67.7525, 31.1958



135.2470, 18.1192, -118.6116



130.6210, 61.3188, -114.5546



157.8640, 3.5180, 85.1883

Rectangle

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



158.4290, -67.7525, 31.1958



143.0790, -27.1539, -64.0903



130.6210, 61.3188, -114.5546



172.5970, 35.2017, 49.4654

Sweetspot

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



158.4290, -67.7525, 31.1958



238.3780, -26.8084, 11.9465



76.0330, -12.8343, 103.4571



119.2170, -15.8830, 7.7027



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.



158.4290, -67.7525, 31.1958



200.3790, -98.7868, 45.2716



156.9360, -67.0164, -18.3609



94.6860, -3.7892, 2.0294



127.9710, -63.0897, 28.9664



26.3030, -12.9674, 5.8733

Inverse Universe

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



56.5710, 67.7525, -31.1958



51.6210, 98.7868, -45.2716



58.0640, 67.0164, 18.3609



89.3140, 3.7892, -2.0294



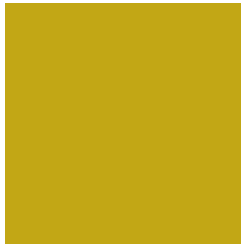
33.0290, 63.0897, -28.9664



6.6970, 12.9674, -5.8733

Previews

White Background



This preview shows how the YUV color 158.4290, -67.7525, 31.1958 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 158.4290, -67.7525, 31.1958 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 158.4290, -67.7525, 31.1958 Background



This preview shows how black text looks on a background with the YUV color 158.4290, -67.7525, 31.1958.

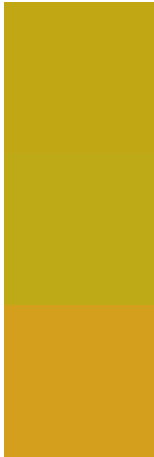


This preview shows how white text looks on a background with the YUV color 158.4290, -67.7525, 31.1958.

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

158.4290, -67.7525, 31.1958

Protanopia

158.5210, -67.3049, 27.6071

Deuteranopia

159.9130, -65.0331, 45.6803



Tritanopia

170.7200, -1.8340, 28.3096

Trichromacy



Original Color

158.4290, -67.7525, 31.1958

Protanomaly

158.2330, -67.1629, 28.7367

Deuteranomaly

159.2390, -66.1798, 40.1324

Tritanomaly

166.1290, -25.6996, 29.7049

Monochromacy



Original Color

158.4290, -67.7525, 31.1958

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

157.9480, -24.6244, 11.4466

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.4290, -67.7525, 31.1958 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(194, 167, 21)` looks like.

```
.text, #text, p{  
    color:rgb(194, 167, 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(194, 167, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 167, 21) }
```

Border

The CSS property to change the border of an element to YUV 158.4290, -67.7525, 31.1958 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(194, 167, 21) }
```


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

```
.border{ border-color:rgb(194, 167, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 167, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 167, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 167, 21);  
box-shadow:4px 4px 4px 4px rgb(194, 167,  
21) }
```

Background

The CSS property to change the background color of an element to YUV 158.4290, -67.7525, 31.1958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 167, 21) }
```

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

```
.background{ background-color: rgb(194,  
167, 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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