

Converting Colors

YUV(165.5720, -67.8230,
53.8724)

Have a look what the booklet for
YUV(165.5720, -67.8230, 53.8724)
contains.

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Color

**YUV(165.5720, -67.8230,
53.8724)**

Conversions

Conversions Part 1

Format	Color
Hex	E3A11C
RGB	227, 161, 28
RGB Percent	89%, 63%, 11%
CMY	0.1098, 0.3686, 0.8902
CMYK	0.00, 0.29, 0.88, 0.11
HSL	40°, 78%, 50%
HSV	40°, 88%, 89%
XYZ	44.6330, 41.9045, 6.8346
YIQ	165.5720, 82.0290, -27.3710

Conversions

Conversions Part 2

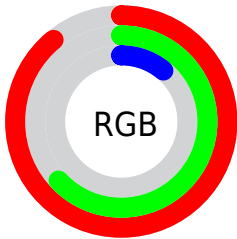
Format	Color
R _Y B	127, 227, 28
Decimal	14917916
CIE Lab	70.81, 14.48, 70.18
CIE LCh	71, 71.657, 78.345
Yxy	41.9045, 0.4780, 0.4488
Android (android.graphics.Color)	4293107996 (0xFFE3A11C)
YUV	165.5720, -67.8230, 53.8724
Hunter-Lab	64.7337, 9.7895, 39.0537

Details

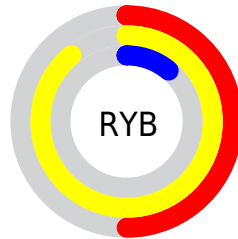
The YUV color **165.5720, -67.8230, 53.8724** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **89.4280, 67.8230, -53.8724**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.1830, -61.2222, 36.6735**, and **114.2040, -56.3026, 45.4251** is the 20% darker color. If you saturate the color by 10%, you get **158.2540, -75.5542, 60.2902**, and if you desaturate by 10%, it is **172.8900, -60.0918, 47.4545**.

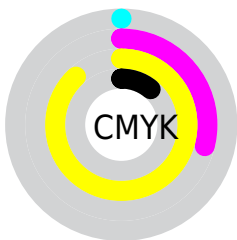
Distribution



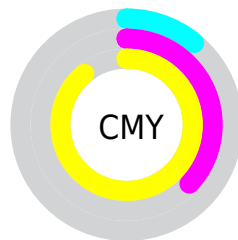
- Red (89%)
- Green (63%)
- Blue (11%)



- Red (50%)
- Yellow (89%)
- Blue (11%)



- Cyan (0%)
- Magenta (29%)
- Yellow (88%)
- Black (11%)



- Cyan (11%)
- Magenta (37%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.5720, -67.8230, 53.8724 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 165.5720, -67.8230, 53.8724 by changing the saturation by 10% instead.

165.5720,
-67.8230, 53.8724

165.5720,
-67.8230, 53.8724

255.0000, 0.0000,
0.0000

137.8490,
-67.9596, 50.9984

213.1830,
-61.2222, 36.6735

114.2040,
-56.3026, 45.4251

232.6970,
-57.5316, 19.5597

90.8580, -44.7930,
40.4665

242.3460,
-48.4846, 11.0976

68.3870, -33.7148,
33.8636

245.5380,
-36.2542, 8.2982

47.1010, -23.2208,
27.9754

248.8440,
-23.5871, 5.3988

27.5870, -13.6004,
22.2872

252.1500,

8.9700, -4.4222,

-10.9200, 2.4994

18.4433

■ 0.0000, 0.0000,
0.0000

■ 165.5720,
-67.8230, 53.8724

■ 165.5720,
-67.8230, 53.8724

■ 158.2540,
-75.5542, 60.2902

■ 172.8900,
-60.0918, 47.4545

■ 157.0970,
-77.4488, 61.3049

■ 179.5070,
-52.5080, 41.6514

■ 186.8250,
-44.7767, 35.2335

■ 193.5560,
-36.7561, 29.3304

■ 200.8740,
-29.0249, 22.9125

■ 207.4910,
-21.4411, 17.1094

■ 214.8090,
-13.7098, 10.6915

■ 221.5400, -5.6892,
4.7884

■ 228.7440, 1.6052,
-1.5295

Harmonies

Analogous

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



163.6810, -42.7337, 80.0868



165.5720, -67.8230, 53.8724



160.1440, -65.6400, 6.8897

Triad

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



165.5720, -67.8230, 53.8724



143.9160, 33.5654, -126.2143



177.6500, 38.1336, 42.4030

Complementary

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



165.5720, -67.8230, 53.8724



89.4280, 67.8230, -53.8724

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.



163.5770, 45.0715, -36.4630



165.5720, -67.8230, 53.8724



146.4700, 53.5053, -128.4542

Square

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



165.5720, -67.8230, 53.8724



135.1040, 4.8787, -118.4862



139.4260, 56.9780, -122.2766



165.6040, 17.9432, 78.4003

Rectangle

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



165.5720, -67.8230, 53.8724



155.2390, -46.4598, -31.7816



139.4260, 56.9780, -122.2766



175.4470, 39.2196, 20.6560

Sweetspot

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



165.5720, -67.8230, 53.8724



234.5620, -22.4621, 17.9241



95.0250, -0.5053, 115.7421



115.2220, -13.4204, 11.2063



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.



165.5720, -67.8230, 53.8724



176.0350, -86.7853, 69.2523



194.4470, -82.0584, -0.3920



111.2840, -4.0840, 3.2589



123.3740, -60.8234, 48.7840



35.2070, -17.3571, 13.8505

Inverse Universe

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



89.4280, 67.8230, -53.8724



78.9650, 86.7853, -69.2523



60.5530, 82.0584, 0.3920



106.7160, 4.0840, -3.2589



55.0390, 61.1128, -48.2692



15.7930, 17.3571, -13.8505

Previews

White Background



This preview shows how the YUV color 165.5720, -67.8230, 53.8724 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 165.5720, -67.8230, 53.8724 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 165.5720, -67.8230, 53.8724

Background



This preview shows how black text looks on a background with the YUV color 165.5720, -67.8230, 53.8724.



This preview shows how white text looks on a background with the YUV color 165.5720, -67.8230, 53.8724.

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

165.5720, -67.8230, 53.8724

Protanopia

164.0910, -65.1209, 27.1072

Deuteranopia

165.1860, -69.1117, 47.1949



Tritanopia

176.3700, -7.5774, 50.5415

Trichromacy



Original Color

165.5720, -67.8230, 53.8724

Protanomaly

164.6300, -65.8796, 37.1585

Deuteranomaly

165.6100, -68.8277, 49.4540

Tritanomaly

172.3490, -29.2591, 51.4369

Monochromacy



Original Color

165.5720, -67.8230, 53.8724

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

165.7040, -24.5041, 19.5536

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.5720, -67.8230, 53.8724 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(227, 161, 28)` looks like.

```
.text, #text, p{  
    color:rgb(227, 161, 28)  
}
```

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(227, 161, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 161, 28) }
```

Border

The CSS property to change the border of an element to YUV 165.5720, -67.8230, 53.8724 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(227, 161, 28) }
```


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

```
.border{ border-color:rgb(227, 161, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 161, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 161, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 161, 28);  
box-shadow:4px 4px 4px 4px rgb(227, 161,  
28) }
```

Background

The CSS property to change the background color of an element to YUV 165.5720, -67.8230, 53.8724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 161, 28) }
```

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

```
.background{ background-color: rgb(227,  
161, 28) }
```

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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