

Converting Colors

YUV(176.8380, -67.9541,
49.2541)

Have a look what the booklet for
YUV(176.8380, -67.9541, 49.2541)
contains.

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Color

**YUV(176.8380, -67.9541,
49.2541)**

Conversions

Conversions Part 1

Format	Color
Hex	E9AF27
RGB	233, 175, 39
RGB Percent	91%, 69%, 15%
CMY	0.0863, 0.3137, 0.8471
CMYK	0.00, 0.25, 0.83, 0.09
HSL	42°, 82%, 53%
HSV	42°, 83%, 91%
XYZ	49.3005, 48.1301, 8.6111
YIQ	176.8380, 78.2240, -30.0000

Conversions

Conversions Part 2

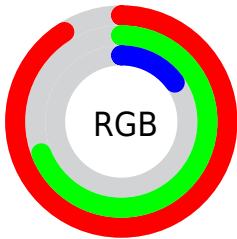
Format	Color
R_{YB}	122, 233, 39
Decimal	15314727
CIE _{Lab}	74.91, 9.90, 70.89
CIE _{LCh}	75, 71.576, 82.053
Yxy	48.1301, 0.4649, 0.4539
Android (android.graphics.Color)	4293504807 (0xFFE9AF27)
YUV	176.8380, -67.9541, 49.2541
Hunter-Lab	69.3758, 5.4395, 41.2039

Details

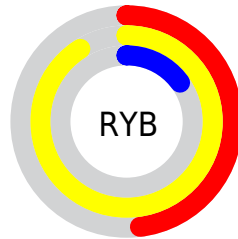
The YUV color **176.8380, -67.9541, 49.2541** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **95.1620, 67.9541, -49.2541**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.4270, -61.3425, 28.5665**, and **123.6290, -60.9491, 42.4214** is the 20% darker color. If you saturate the color by 10%, you get **170.1070, -75.9748, 55.1572**, and if you desaturate by 10%, it is **183.5690, -59.9335, 43.3510**.

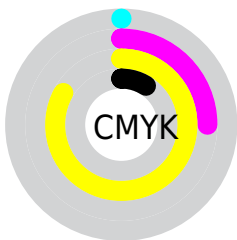
Distribution



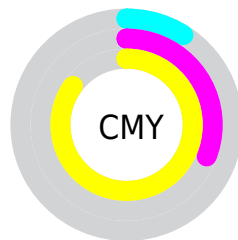
- Red (91%)
- Green (69%)
- Blue (15%)



- Red (48%)
- Yellow (91%)
- Blue (15%)



- Cyan (0%)
- Magenta (25%)
- Yellow (83%)
- Black (9%)



- Cyan (9%)
- Magenta (31%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.8380, -67.9541, 49.2541 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 176.8380, -67.9541, 49.2541 by changing the saturation by 10% instead.

176.8380,
-67.9541, 49.2541

176.8380,
-67.9541, 49.2541

255.0000, 0.0000,
0.0000

147.8610,
-72.8955, 47.4799

222.4270,
-61.3425, 28.5665

123.6290,
-60.9491, 42.4214

240.2940,
-56.3469, 12.8972

100.2830,
-49.4395, 37.4628

243.3720,
-44.5534, 10.1978

78.1110, -38.5087,
31.4747

246.6780,
-31.8863, 7.2984

55.9390, -27.5779,
25.4865

249.9840,
-19.2191, 4.3990

35.8380, -17.6681,
20.3131

253.2900, -6.5520,

15.4490, -7.6164,

1.4997

16.2692

■ 0.0000, 0.0000,
0.0000

■ 176.8380,
-67.9541, 49.2541

■ 176.8380,
-67.9541, 49.2541

■ 170.1070,
-75.9748, 55.1572

■ 183.5690,
-59.9335, 43.3510

■ 165.3480,
-81.5166, 59.3308

■ 190.4140,
-51.4761, 37.3479

■ 197.1450,
-43.4555, 31.4448

■ 203.8760,
-35.4349, 25.5417

■ 210.7210,
-26.9775, 19.5387

■ 217.4520,
-18.9568, 13.6356

■ 224.1830,
-10.9362, 7.7325

■ 230.9140, -2.9156,
1.8294

■ 237.7590, 5.5418,
-4.1736

Harmonies

Analogous

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



172.9420, -45.3274, 71.9649



176.8380, -67.9541, 49.2541



170.9520, -61.1083, 0.0421

Triad

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



176.8380, -67.9541, 49.2541



153.2400, 38.8287, -134.3915



188.0380, 33.0123, 51.7097

Complementary

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



176.8380, -67.9541, 49.2541



95.1620, 67.9541, -49.2541

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.



176.6560, 38.6236, -21.6233



176.8380, -67.9541, 49.2541



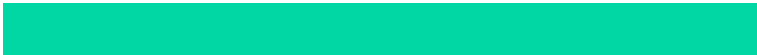
152.3400, 50.6114, -133.6022

Square

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



176.8380, -67.9541, 49.2541



144.9010, 9.4158, -127.0782



144.7090, 54.3735, -126.9098



171.8160, 16.3597, 72.9524

Rectangle

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



176.8380, -67.9541, 49.2541



165.2210, -42.5070, -39.6588



144.7090, 54.3735, -126.9098



186.4330, 33.8035, 31.1923

Sweetspot

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



176.8380, -67.9541, 49.2541



236.5510, -22.4566, 16.1798



103.6180, -3.2627, 113.4680



116.5100, -13.5624, 10.0767



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.



176.8380, -67.9541, 49.2541



181.3180, -89.3898, 64.6191



199.2230, -78.9899, -4.5806



113.9850, -3.9366, 2.6442



128.6680, -63.4333, 45.8952



38.4520, -18.9568, 13.6356

Inverse Universe

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



95.1620, 67.9541, -49.2541



73.6820, 89.3898, -64.6191



72.7770, 78.9899, 4.5806



109.0150, 3.9366, -2.6442



52.3320, 63.4333, -45.8952



15.5480, 18.9568, -13.6356

Previews

White Background



This preview shows how the YUV color 176.8380, -67.9541, 49.2541 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 176.8380, -67.9541, 49.2541 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 176.8380, -67.9541, 49.2541 Background



This preview shows how black text looks on a background with the YUV color 176.8380, -67.9541, 49.2541.



This preview shows how white text looks on a background with the YUV color 176.8380, -67.9541,

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

176.8380, -67.9541, 49.2541

Protanopia

175.5750, -65.8525, 28.4367

Deuteranopia

176.8380, -67.9541, 49.2541



Tritanopia

187.6900, -6.2562, 46.7529

Trichromacy



Original Color

176.8380, -67.9541, 49.2541

Protanomaly

175.8040, -66.4584, 36.1289

Deuteranomaly

176.8380, -67.9541, 49.2541

Tritanomaly

183.5550, -28.3746, 47.7483

Monochromacy



Original Color

176.8380, -67.9541, 49.2541

Achromatopsia

177.0000, 0.0000, 0.0000

Achromatomaly

176.6930, -24.4986, 17.8092

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.8380, -67.9541, 49.2541 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(233, 175, 39)` looks like.

```
.text, #text, p{  
    color:rgb(233, 175, 39)  
}
```

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(233, 175, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 175, 39) }
```

Border

The CSS property to change the border of an element to YUV 176.8380, -67.9541, 49.2541 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(233, 175, 39) }
```


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

```
.border{ border-color:rgb(233, 175, 39) }
```

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

Here you see how a box with a 4 pixel rgb(233, 175, 39) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 175, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 175, 39);  
box-shadow:4px 4px 4px 4px rgb(233, 175,  
39) }
```

Background

The CSS property to change the background color of an element to YUV 176.8380, -67.9541, 49.2541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 175, 39) }
```

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

```
.background{ background-color: rgb(233,  
175, 39) }
```

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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