

Converting Colors

YUV(176.0770, -67.0860,
50.7985)

Have a look what the booklet for
YUV(176.0770, -67.0860, 50.7985)
contains.

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Color

**YUV(176.0770, -67.0860,
50.7985)**

Conversions

Conversions Part 1

Format	Color
Hex	EAAD28
RGB	234, 173, 40
RGB Percent	92%, 68%, 16%
CMY	0.0824, 0.3216, 0.8431
CMYK	0.00, 0.26, 0.83, 0.08
HSL	41°, 82%, 54%
HSV	41°, 83%, 92%
XYZ	49.2583, 47.5328, 8.5860
YIQ	176.0770, 79.0490, -28.4310

Conversions

Conversions Part 2

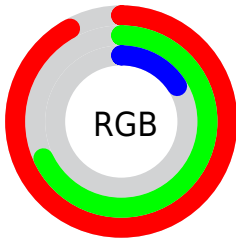
Format	Color
RYB	129, 234, 40
Decimal	15379752
CIELab	74.53, 11.41, 70.32
CIElCh	75, 71.240, 80.784
Yxy	47.5328, 0.4674, 0.4511
Android (android.graphics.Color)	4293569832 (0xFFEAD28)
YUV	176.0770, -67.0860, 50.7985
Hunter-Lab	68.9440, 6.8804, 40.8770

Details

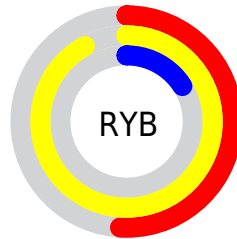
The YUV color **176.0770, -67.0860, 50.7985** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **97.9230, 67.0860, -50.7985**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.2530, -60.7637, 29.5961**, and **122.7540, -60.5177, 44.0657** is the 20% darker color. If you saturate the color by 10%, you get **169.3460, -75.1066, 56.7016**, and if you desaturate by 10%, it is **182.8080, -59.0653, 44.8954**.

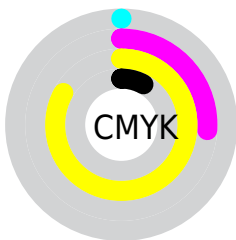
Distribution



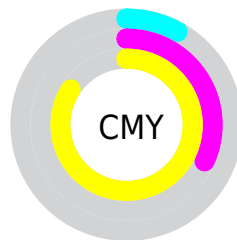
- Red (92%)
- Green (68%)
- Blue (16%)



- Red (51%)
- Yellow (92%)
- Blue (16%)



- Cyan (0%)
- Magenta (26%)
- Yellow (83%)
- Black (8%)



- Cyan (8%)
- Magenta (32%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.0770, -67.0860, 50.7985 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 176.0770, -67.0860, 50.7985 by changing the saturation by 10% instead.

176.0770,
-67.0860, 50.7985

176.0770,
-67.0860, 50.7985

255.0000, 0.0000,
0.0000

146.9860,
-72.4641, 49.1243

221.2530,
-60.7637, 29.5961

122.7540,
-60.5177, 44.0657

240.2940,
-56.3469, 12.8972

99.4080, -49.0081,
39.1072

243.4860,
-44.1166, 10.0978

76.9370, -37.9299,
32.5043

246.6780,
-31.8863, 7.2984

55.6510, -27.4359,
26.6161

249.9840,
-19.2191, 4.3990

35.2510, -17.3787,
20.8279

253.2900, -6.5520,

14.5740, -7.1850,

1.4997

17.9136

■ 0.0000, 0.0000,
0.0000

■ 176.0770,
-67.0860, 50.7985

■ 176.0770,
-67.0860, 50.7985

■ 169.3460,
-75.1066, 56.7016

■ 182.8080,
-59.0653, 44.8954

■ 163.8860,
-80.7958, 61.4900

■ 190.2400,
-50.8973, 38.3775

■ 196.9710,
-42.8767, 32.4744

■ 203.8160,
-34.4193, 26.4714

■ 211.1340,
-26.6881, 20.0535

■ 217.8650,
-18.6674, 14.1504

■ 225.2970,
-10.4994, 7.6325

■ 232.0280, -2.4788,
1.7294

■ 238.8730, 5.9786,
-4.2736

Harmonies

Analogous

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



171.9960, -43.8750, 72.7945



176.0770, -67.0860, 50.7985



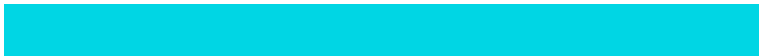
170.7350, -61.9874, 1.9864

Triad

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



176.0770, -67.0860, 50.7985



151.6100, 37.6603, -132.9620



187.4290, 33.3125, 48.7358

Complementary

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



176.0770, -67.0860, 50.7985



97.9230, 67.0860, -50.7985

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.



174.8620, 39.5080, -25.3120



176.0770, -67.0860, 50.7985



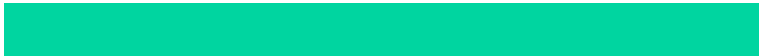
152.3400, 50.6114, -133.6022

Square

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



176.0770, -67.0860, 50.7985



143.2710, 8.2474, -125.6487



144.7090, 54.3735, -126.9098



171.9300, 16.7965, 72.8524

Rectangle

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



176.0770, -67.0860, 50.7985



164.7160, -43.2440, -36.5849



144.7090, 54.3735, -126.9098



185.5250, 34.2512, 27.6036

Sweetspot

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



176.0770, -67.0860, 50.7985



235.9640, -22.1673, 16.6946



104.9600, -1.9523, 113.1681



115.9230, -13.2730, 10.5915



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.



176.0770, -67.0860, 50.7985



179.8990, -87.2112, 65.8636



201.1200, -79.4322, -2.7362



113.9850, -3.9366, 2.6442



126.9070, -62.5652, 47.4396



37.8650, -18.6674, 14.1504

Inverse Universe

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



97.9230, 67.0860, -50.7985



78.1010, 87.2112, -65.8636



72.8800, 79.4322, 2.7362



109.0150, 3.9366, -2.6442



54.0930, 62.5652, -47.4396



16.1350, 18.6674, -14.1504

Previews

White Background



This preview shows how the YUV color 176.0770, -67.0860, 50.7985 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 176.0770, -67.0860, 50.7985 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 176.0770, -67.0860, 50.7985

Background



This preview shows how black text looks on a background with the YUV color 176.0770, -67.0860, 50.7985.



This preview shows how white text looks on a background with the YUV color 176.0770, -67.0860, 50.7985.

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

176.0770, -67.0860, 50.7985

Protanopia

174.5040, -64.8315, 27.6220

Deuteranopia

175.6530, -67.3699, 48.5393



Tritanopia

186.5870, -6.6984, 48.5972

Trichromacy



Original Color

176.0770, -67.0860, 50.7985

Protanomaly

175.0320, -65.5848, 35.9289

Deuteranomaly

175.9520, -67.5173, 49.1541

Tritanomaly

182.5660, -28.3800, 49.4926

Monochromacy



Original Color

176.0770, -67.0860, 50.7985

Achromatopsia

176.0000, 0.0000, 0.0000

Achromatomaly

176.1060, -24.2093, 18.3240

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.0770, -67.0860, 50.7985 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(234, 173, 40)` looks like.

```
.text, #text, p{  
    color:rgb(234, 173, 40)  
}
```

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(234, 173, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 173, 40) }
```

Border

The CSS property to change the border of an element to YUV 176.0770, -67.0860, 50.7985 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(234, 173, 40) }
```


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

```
.border{ border-color:rgb(234, 173, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 173, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 173, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 173, 40);  
box-shadow:4px 4px 4px 4px rgb(234, 173,  
40) }
```

Background

The CSS property to change the background color of an element to YUV 176.0770, -67.0860, 50.7985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 173, 40) }
```

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

```
.background{ background-color: rgb(234,  
173, 40) }
```

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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