

Converting Colors

YUV(168.8220, -66.9602,
57.1611)

Have a look what the booklet for
YUV(168.8220, -66.9602, 57.1611)
contains.

| | |
|--|----|
| YUV(168.8220, -66.9602, 57.1611) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**YUV(168.8220, -66.9602,
57.1611)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | EAA221 |
| RGB | 234, 162, 33 |
| RGB Percent | 92%, 64%, 13% |
| CMY | 0.0824, 0.3647, 0.8706 |
| CMYK | 0.00, 0.31, 0.86, 0.08 |
| HSL | 39°, 83%, 52% |
| HSV | 39°, 86%, 92% |
| XYZ | 47.1265, 43.4429, 7.3403 |
| YIQ | 168.8220, 84.3210, -24.8550 |

Conversions

Conversions Part 2

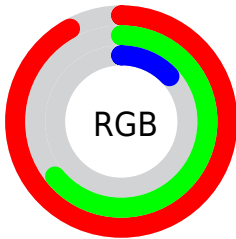
| Format | Color |
|-------------------------------------|--|
| RYB | 145, 234, 33 |
| Decimal | 15376929 |
| CIELab | 71.85, 17.06, 70.08 |
| CIELCh | 72, 72.122, 76.318 |
| Yxy | 43.4429, 0.4813, 0.4437 |
| Android (android.graphics.Color) | 4293567009 (0xFFEAA221) |
| YUV | 168.8220, -66.9602, 57.1611 |
| Hunter-Lab | 65.9112, 12.2829, 39.5349 |

Details

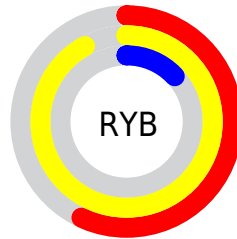
The YUV color **168.8220, -66.9602, 57.1611** is a dark color, and the websafe version is hex **CC9900**, and the color name is **marigold**. The color can be described as middle washed orange. A complement of this color would be **98.1780, 66.9602, -57.1611**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.1120, -60.2012, 35.8588**, and **116.8840, -57.6238, 49.2137** is the 20% darker color. If you saturate the color by 10%, you get **161.5040, -74.6915, 63.5790**, and if you desaturate by 10%, it is **176.1400, -59.2290, 50.7432**.

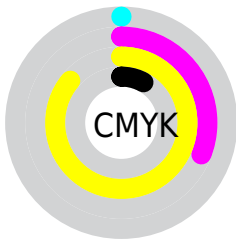
Distribution



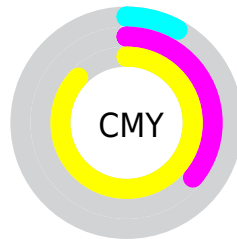
- Red (92%)
- Green (64%)
- Blue (13%)



- Red (57%)
- Yellow (92%)
- Blue (13%)



- Cyan (0%)
- Magenta (31%)
- Yellow (86%)
- Black (8%)



- Cyan (8%)
- Magenta (36%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.8220, -66.9602, 57.1611 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 168.8220, -66.9602, 57.1611 by changing the saturation by 10% instead.

168.8220,
-66.9602, 57.1611

168.8220,
-66.9602, 57.1611

255.0000, 0.0000,
0.0000

140.5290,
-69.2808, 54.7871

214.1120,
-60.2012, 35.8588

116.8840,
-57.6238, 49.2137

233.7400,
-56.0738, 18.6450

93.2390, -45.9668,
43.6404

242.6880,
-47.1742, 10.7976

70.7680, -34.8886,
37.0375

245.9940,
-34.5070, 7.8983

49.4820, -24.3946,
31.1493

249.1860,
-22.2767, 5.0989

29.0820, -14.3374,
25.3611

252.4920, -9.6096,

10.4650, -5.1592,

2.1995

21.5172

■ 0.0000, 0.0000,
0.0000

■ 168.8220,
-66.9602, 57.1611

■ 168.8220,
-66.9602, 57.1611

■ 161.5040,
-74.6915, 63.5790

■ 176.1400,
-59.2290, 50.7432

■ 158.0160,
-77.9019, 66.6380

■ 184.1590,
-51.3504, 43.7106

■ 191.4770,
-43.6192, 37.2927

■ 199.4960,
-35.7405, 30.2600

■ 206.8140,
-28.0093, 23.8421

■ 214.1320,
-20.2781, 17.4242

■ 222.1510,
-12.3994, 10.3916

■ 229.4690, -4.6682,
3.9737

■ 236.9010, 3.4998,
-2.5442

Harmonies

Analogous

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



164.9520, -40.4023, 78.9721



168.8220, -66.9602, 57.1611



163.4110, -67.2506, 10.1636

Triad

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



168.8220, -66.9602, 57.1611



145.5630, 32.2604, -127.6588



179.6990, 37.1234, 39.7290

Complementary

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



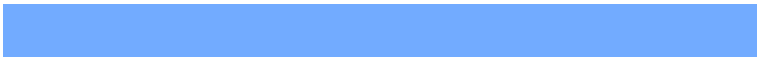
168.8220, -66.9602, 57.1611



98.1780, 66.9602, -57.1611

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.



163.5330, 45.0932, -43.4404



168.8220, -66.9602, 57.1611



148.8180, 52.3477, -130.5134

Square

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



168.8220, -66.9602, 57.1611



136.6370, 3.1370, -119.8306



141.7740, 55.8204, -124.3358



168.1630, 20.1326, 76.1560

Rectangle

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



168.8220, -66.9602, 57.1611



158.6910, -48.6547, -27.7930



141.7740, 55.8204, -124.3358



176.8980, 38.5043, 16.7525

Sweetspot

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



168.8220, -66.9602, 57.1611



233.3880, -21.8833, 18.9537



101.5350, 2.6942, 116.1718



114.6350, -13.1311, 11.7211



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.



168.8220, -66.9602, 57.1611



172.5130, -85.0489, 72.3411



203.0130, -83.8164, 3.4966



113.3980, -3.6472, 3.1590



122.2110, -60.2500, 51.5580



36.1040, -17.7993, 15.6948

Inverse Universe

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



98.1780, 66.9602, -57.1611



82.4870, 85.0489, -72.3411



63.9870, 83.8164, -3.4966



109.6020, 3.6472, -3.1590



58.7890, 60.2500, -51.5580



17.3090, 18.0887, -15.1800

Previews

White Background



This preview shows how the YUV color 168.8220, -66.9602, 57.1611 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 168.8220, -66.9602, 57.1611 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 168.8220, -66.9602, 57.1611 Background



This preview shows how black text looks on a background with the YUV color 168.8220, -66.9602, 57.1611.



This preview shows how white text looks on a background with the YUV color 168.8220, -66.9602, 57.1611.

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

168.8220, -66.9602, 57.1611

Protanopia

167.6180, -64.3947, 27.5220

Deuteranopia

168.0120, -68.5329, 48.2245



Tritanopia

179.1640, -8.4619, 54.2302

Trichromacy



Original Color

168.8220, -66.9602, 57.1611

Protanomaly

168.4560, -65.3008, 38.1881

Deuteranomaly

168.1480, -68.1070, 51.6132

Tritanomaly

175.2570, -29.7067, 55.0256

Monochromacy



Original Color

168.8220, -66.9602, 57.1611

Achromatopsia

169.0000, 0.0000, 0.0000

Achromatomaly

168.8290, -24.0727, 21.1980

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.8220, -66.9602, 57.1611 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, 162, 33)` looks like.

```
.text, #text, p{  
    color:rgb(234, 162, 33)  
}
```

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, 162, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 162, 33) }
```

Border

The CSS property to change the border of an element to YUV 168.8220, -66.9602, 57.1611 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, 162, 33) }
```


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

```
.border{ border-color:rgb(234, 162, 33) }
```

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

Here you see how a box with a 4 pixel rgb(234, 162, 33) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 162, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 162, 33);  
box-shadow:4px 4px 4px 4px rgb(234, 162,  
33) }
```

Background

The CSS property to change the background color of an element to YUV 168.8220, -66.9602, 57.1611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 162, 33) }
```

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

```
.background{ background-color: rgb(234,  
162, 33) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor