

Converting Colors

YUV(156.5110, -49.0589,
-38.1591)

Have a look what the booklet for
YUV(156.5110, -49.0589, -38.1591)
contains.

YUV(156.5110, -49.0589, -38.1591)	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(156.5110, -49.0589,
-38.1591)**

Conversions

Conversions Part 1

Format	Color
Hex	71C639
RGB	113, 198, 57
RGB Percent	44%, 78%, 22%
CMY	0.5569, 0.2235, 0.7765
CMYK	0.43, 0.00, 0.71, 0.22
HSL	96°, 55%, 50%
HSV	96°, 71%, 78%
XYZ	27.7427, 44.1943, 10.9391
YIQ	156.5110, -5.3990, -61.8710

Conversions

Conversions Part 2

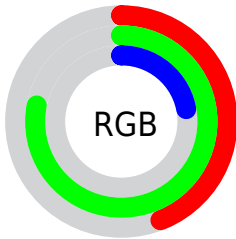
Format	Color
RYB	57, 198, 142
Decimal	7456313
CIELab	72.36, -49.18, 59.37
CIELCh	72, 77.093, 129.641
Yxy	44.1943, 0.3347, 0.5333
Android (android.graphics.Color)	4285646393 (0xFF71C639)
YUV	156.5110, -49.0589, -38.1591
Hunter-Lab	66.4788, -41.8470, 36.7790

Details

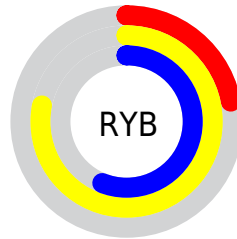
The YUV color **156.5110, -49.0589, -38.1591** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **98.4890, 49.0589, 38.1591**, and the grayscale version is **157.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.2830, -49.9325, -37.9592**, and **100.0870, -49.3429, -40.4183** is the 20% darker color. If you saturate the color by 10%, you get **150.6430, -56.0260, -43.5369**, and if you desaturate by 10%, it is **162.3790, -42.0918, -32.7814**.

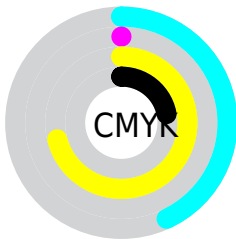
Distribution



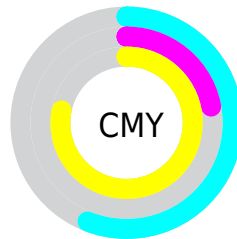
- Red (44%)
- Green (78%)
- Blue (22%)



- Red (22%)
- Yellow (78%)
- Blue (56%)



- Cyan (43%)
- Magenta (0%)
- Yellow (71%)
- Black (22%)



- Cyan (56%)
- Magenta (22%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 156.5110, -49.0589, -38.1591 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 156.5110, -49.0589, -38.1591 by changing the saturation by 10% instead.

■ 156.5110,
-49.0589, -38.1591

■ 156.5110,
-49.0589, -38.1591

255.0000, 0.0000,
0.0000

■ 127.7560,
-50.6587, -38.3740

■ 213.2830,
-49.9325, -37.9592

■ 100.0870,
-49.3429, -40.4183

■ 225.4450,
-42.1244, -22.3153

■ 72.2670, -35.6276,
-52.8542

■ 237.1940,
-34.6056, -7.1861

■ 54.0040, -26.6240,
-47.3615

■ 248.2740,
-25.7711, 5.8987

■ 39.3290, -19.3892,
-34.4915

■ 251.5800,
-13.1039, 2.9993

■ 26.4150, -13.0226,
-23.1660

254.8860, -0.4368,

■ 8.8050, -4.3409,

0.1000

-7.7220

■ 0.0000, 0.0000,
0.0000

■ 156.5110,
-49.0589, -38.1591

■ 156.5110,
-49.0589, -38.1591

■ 150.6430,
-56.0260, -43.5369

■ 162.3790,
-42.0918, -32.7814

■ 144.7750,
-62.9931, -48.9147

■ 168.2470,
-35.1248, -27.4036

■ 139.8470,
-68.9446, -53.3628

■ 174.0010,
-28.5945, -21.9259

■ 179.8690,
-21.6274, -16.5481

■ 185.7370,
-14.6603, -11.1703

■ 191.6050, -7.6933,
-5.7926

■ 197.4730, -0.7262,
-0.4148

■ 202.9280, 5.9515,
4.4481

■ 208.7960, 12.9186,
9.8259

Harmonies

Analogous

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



163.0570, -80.3871, 23.6290



156.5110, -49.0589, -38.1591



135.7590, -5.3042, -119.0606

Triad

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



156.5110, -49.0589, -38.1591



145.2960, 54.0841, -127.4246



155.8920, 1.0392, 86.9177

Complementary

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



156.5110, -49.0589, -38.1591



98.4890, 49.0589, 38.1591

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.



170.3290, 28.4318, 74.2565



156.5110, -49.0589, -38.1591



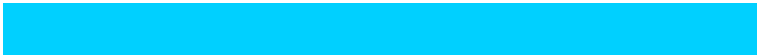
144.0210, 54.7126, -95.6114

Square

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



156.5110, -49.0589, -38.1591



151.1660, 51.1902, -132.5726



178.4370, 37.7456, 26.8038



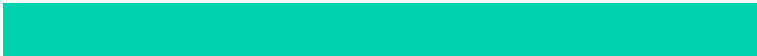
159.9940, -34.0140, 83.3203

Rectangle

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



156.5110, -49.0589, -38.1591



143.1060, 15.2307, -125.5040



178.4370, 37.7456, 26.8038



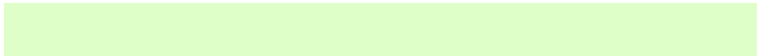
158.5140, 11.0856, 84.6182

Sweetspot

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



156.5110, -49.0589, -38.1591



239.2760, -18.8701, -14.2741



149.0540, -45.3826, 42.9256



118.3720, -11.0294, -9.0962



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.



156.5110, -49.0589, -38.1591



191.0930, -75.4748, -58.8406



141.3630, -34.6890, -73.9864



96.1800, -3.0467, -2.7889



115.1160, -56.7522, -43.9517



25.3180, -12.4818, -9.9259

Inverse Universe

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



98.4890, 49.0589, 38.1591



101.9070, 75.4748, 58.8406



113.6370, 34.6890, 73.9864



92.8200, 3.0467, 2.7889



47.8840, 56.7522, 43.9517



10.6820, 12.4818, 9.9259

Previews

White Background



This preview shows how the YUV color 156.5110, -49.0589, -38.1591 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 156.5110, -49.0589, -38.1591 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 156.5110, -49.0589, -38.1591 Background



This preview shows how black text looks on a background with the YUV color 156.5110, -49.0589, -38.1591.



This preview shows how white text looks on a background with the YUV color 156.5110, -49.0589, -38.1591.

-38.1591.

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

156.5110, -49.0589, -38.1591

Protanopia

168.9150, -58.1321, 25.5075

Deuteranopia

172.1480, -51.3450, 41.9662



Tritanopia

171.7600, 13.9223, -32.2385

Trichromacy



Original Color

156.5110, -49.0589, -38.1591

Protanomaly

164.5700, -55.0040, 2.1311

Deuteranomaly

166.4880, -50.5266, 12.7270

Tritanomaly

166.3750, -9.0589, -34.5319

Monochromacy



Original Color

156.5110, -49.0589, -38.1591

Achromatopsia

157.0000, 0.0000, 0.0000

Achromatomaly

156.9170, -17.7071, -13.9592

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.5110, -49.0589, -38.1591 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(113, 198, 57)` looks like.

```
.text, #text, p{  
    color:rgb(113, 198, 57)  
}
```

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(113, 198, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 198, 57) }
```

Border

The CSS property to change the border of an element to YUV 156.5110, -49.0589, -38.1591 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(113, 198, 57) }
```


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

```
.border{ border-color:rgb(113, 198, 57) }
```

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

Here you see how a box with a 4 pixel rgb(113, 198, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 198, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 198, 57);  
box-shadow:4px 4px 4px 4px rgb(113, 198,  
57) }
```

Background

The CSS property to change the background color of an element to YUV 156.5110, -49.0589, -38.1591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 198, 57) }
```

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

```
.background{ background-color: rgb(113,  
198, 57) }
```

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