

Converting Colors

YUV(156.2540, 11.2138,
-50.2118)

Have a look what the booklet for
YUV(156.2540, 11.2138, -50.2118)
contains.

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Color

**YUV(156.2540, 11.2138,
-50.2118)**

Conversions

Conversions Part 1

Format	Color
Hex	63B5B3
RGB	99, 181, 179
RGB Percent	39%, 71%, 70%
CMY	0.6118, 0.2902, 0.2980
CMYK	0.45, 0.00, 0.01, 0.29
HSL	179°, 36%, 55%
HSV	179°, 45%, 71%
XYZ	29.8061, 38.9551, 48.5960
YIQ	156.2540, -48.2300, -18.0060

Conversions

Conversions Part 2

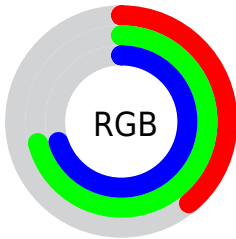
Format	Color
RYB	99, 141, 181
Decimal	6534579
CIELab	68.72, -25.47, -6.78
CIElCh	69, 26.355, 194.897
Yxy	38.9551, 0.2540, 0.3319
Android (android.graphics.Color)	4284724659 (0xFF63B5B3)
YUV	156.2540, 11.2138, -50.2118
Hunter-Lab	62.4140, -23.9808, -2.4738

Details

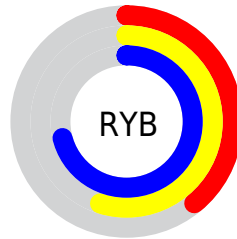
The YUV color **156.2540, 11.2138, -50.2118** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **123.7460, -11.2138, 50.2118**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.2540, 11.2138, -50.2118**, and **101.7590, 11.9508, -53.2856** is the 20% darker color. If you saturate the color by 10%, you get **150.8720, 13.8671, -61.2777**, and if you desaturate by 10%, it is **161.6360, 8.5605, -39.1458**.

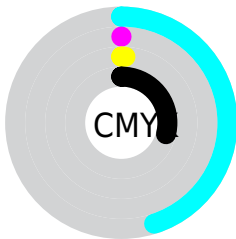
Distribution



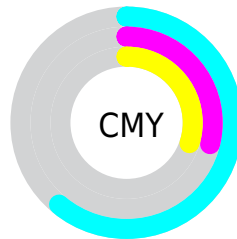
- Red (39%)
- Green (71%)
- Blue (70%)



- Red (39%)
- Yellow (55%)
- Blue (71%)



- Cyan (45%)
- Magenta (0%)
- Yellow (1%)
- Black (29%)





- Cyan (61%)
- Magenta (29%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the YUV color 156.2540, 11.2138, -50.2118 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 156.2540, 11.2138, -50.2118 by changing the saturation by 10% instead.

 156.2540, 11.2138,
-50.2118


 156.2540, 11.2138,
-50.2118


255.0000, 0.0000,
0.0000


 128.9550, 11.3612,
-50.8265


 212.2540, 11.2138,
-50.2118


 101.7590, 11.9508,
-53.2856


 233.4720, 10.6133,
-44.2639

 71.3880, 14.5987,
-62.6073

 242.1430, 6.3385,
-26.4354

 54.5640, 11.0609,
-47.8526

 250.8140, 2.0637,
-8.6069

 38.5550, 8.1074,
-33.8127

 23.7200, 4.5750,
-20.8024

 1.2540, 4.8048,

-1.0998

■ 0.0000, 0.0000,
0.0000

■ 156.2540, 11.2138,
-50.2118

■ 156.2540, 11.2138,
-50.2118

■ 150.8720, 13.8671,
-61.2777

■ 161.6360, 8.5605,
-39.1458

■ 145.3760, 16.0836,
-72.2438

■ 167.1320, 6.3439,
-28.1798

■ 139.9940, 18.7370,
-83.3097

■ 172.5140, 3.6906,
-17.1138

■ 134.4980, 20.9535,
-94.2757

■ 178.0100, 1.4741,
-6.1478

■ 129.1160, 23.6068,
-105.3417

■ 183.6910, -1.3267,
5.5330

■ 126.4250, 24.9335,
-110.8747

■ 189.1870, -3.5432,
16.4990

■ 194.5690, -6.1965,
27.5650

■ 200.0650, -8.4130,
38.5310

■ 203.3540,
-10.0345, 45.2935

Harmonies

Analogous

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



158.7970, -2.3649, -34.9020



156.2540, 11.2138, -50.2118



157.1750, 21.1127, -51.8965

Triad

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



156.2540, 11.2138, -50.2118



171.3880, 15.0917, 12.8147



167.6060, -22.4838, 24.9015

Complementary

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



156.2540, 11.2138, -50.2118



123.7460, -11.2138, 50.2118

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.



169.4640, -16.9908, 36.4271



156.2540, 11.2138, -50.2118



171.7510, 4.5598, 30.9134

Square

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



156.2540, 11.2138, -50.2118



168.0690, 22.1510, -11.4615



170.4180, -7.1081, 39.9754



165.3110, -21.8453, 6.7433

Rectangle

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



156.2540, 11.2138, -50.2118



160.7400, 24.2852, -42.7450



170.4180, -7.1081, 39.9754



167.9810, -21.1896, 29.8347

Sweetspot

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



156.2540, 11.2138, -50.2118



225.0190, 4.4276, -20.1877



148.0310, -24.1723, -40.3692



111.0200, 2.9481, -12.2955



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



156.2540, 11.2138, -50.2118



196.6850, 17.4103, -77.7767



134.1760, 23.0842, -30.8494



86.3090, 1.3267, -5.5330



106.7970, 20.8061, -93.6610



18.1120, 3.3958, -15.8842

Inverse Universe

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



123.7460, -11.2138, 50.2118



146.3150, -17.4103, 77.7767



145.8240, -23.0842, 30.8494



82.8050, -0.8899, 5.4330



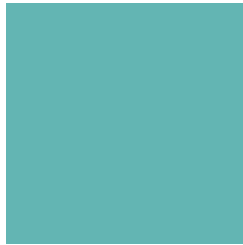
46.2030, -20.8061, 93.6610



7.8880, -3.3958, 15.8842

Previews

White Background



This preview shows how the YUV color 156.2540, 11.2138, -50.2118 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 156.2540, 11.2138, -50.2118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

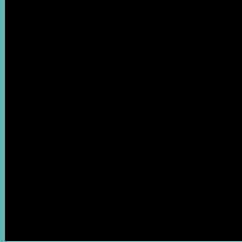
Any Text WCAG AA ✓ Pass

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 156.2540, 11.2138, -50.2118 Background



This preview shows how black text looks on a background with the YUV color 156.2540, 11.2138, -50.2118.

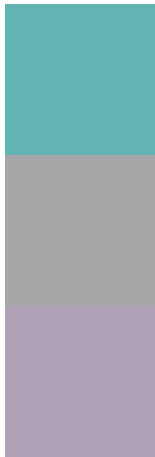


This preview shows how white text looks on a background with the YUV color 156.2540, 11.2138, -50.2118.

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

156.2540, 11.2138, -50.2118

Protanopia

167.3530, 1.3050, 1.4444

Deuteranopia

168.2810, 7.2565, 5.8926



Tritanopia

157.8720, 17.3181, -48.1227

Trichromacy



Original Color

156.2540, 11.2138, -50.2118

Protanomaly

163.1550, 4.8536, -16.7989

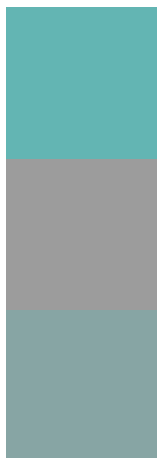
Deuteranomaly

163.9040, 8.9213, -14.8248

Tritanomaly

157.5900, 14.9921, -48.7524

Monochromacy



Original Color

156.2540, 11.2138, -50.2118

Achromatopsia

156.0000, 0.0000, 0.0000

Achromatomaly

155.9160, 3.9854, -18.3433

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.2540, 11.2138, -50.2118 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(99, 181, 179)` looks like.

```
.text, #text, p{  
    color:rgb(99, 181, 179)  
}
```

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(99, 181, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 181, 179) }
```

Border

The CSS property to change the border of an element to YUV 156.2540, 11.2138, -50.2118 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(99, 181, 179) }
```


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

```
.border{ border-color:rgb(99, 181, 179) }
```

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

Here you see how a box with a 4 pixel rgb(99, 181, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 181, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 181, 179);  
box-shadow:4px 4px 4px 4px rgb(99, 181,  
179) }
```

Background

The CSS property to change the background color of an element to YUV 156.2540, 11.2138, -50.2118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 181, 179) }
```

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

```
.background{ background-color: rgb(99, 181,  
179) }
```

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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