

Converting Colors

YUV(156.9380, 10.3836,
-63.9666)

Have a look what the booklet for
YUV(156.9380, 10.3836, -63.9666)
contains.

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Color

**YUV(156.9380, 10.3836,
-63.9666)**

Conversions

Conversions Part 1

Format	Color
Hex	54BEB2
RGB	84, 190, 178
RGB Percent	33%, 75%, 70%
CMY	0.6706, 0.2549, 0.3020
CMYK	0.56, 0.00, 0.06, 0.25
HSL	173°, 45%, 54%
HSV	173°, 56%, 75%
XYZ	30.1055, 41.9261, 48.6253
YIQ	156.9380, -59.3240, -26.2040

Conversions

Conversions Part 2

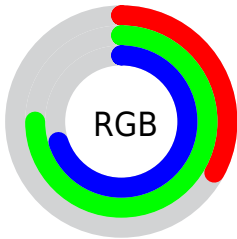
Format	Color
RYB	84, 140, 190
Decimal	5553842
CIELab	70.82, -33.39, -3.18
CIElCh	71, 33.544, 185.446
Yxy	41.9261, 0.2495, 0.3475
Android (android.graphics.Color)	4283743922 (0xFF54BEB2)
YUV	156.9380, 10.3836, -63.9666
Hunter-Lab	64.7504, -30.3200, 0.8005

Details

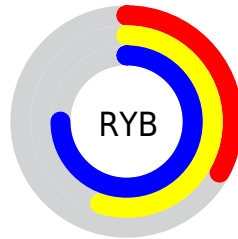
The YUV color **156.9380, 10.3836, -63.9666** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **117.0620, -10.3836, 63.9666**, and the grayscale version is **157.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.1230, 9.7994, -63.2519**, and **94.3810, 15.0952, -81.8951** is the 20% darker color. If you saturate the color by 10%, you get **151.0290, 12.3107, -75.4474**, and if you desaturate by 10%, it is **162.8470, 8.4564, -52.4858**.

Distribution



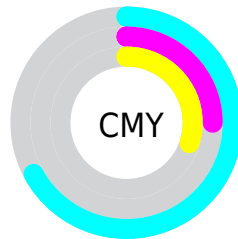
- Red (33%)
- Green (75%)
- Blue (70%)



- Red (33%)
- Yellow (55%)
- Blue (75%)



- Cyan (56%)
- Magenta (0%)
- Yellow (6%)
- Black (25%)



- Cyan (67%)
- Magenta (25%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 156.9380, 10.3836, -63.9666 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 156.9380, 10.3836, -63.9666 by changing the saturation by 10% instead.

■ 156.9380, 10.3836,
-63.9666

■ 156.9380, 10.3836,
-63.9666

■ 255.0000, 0.0000,
0.0000

■ 128.4430, 11.1206,
-67.0405

■ 214.1230, 9.7994,
-63.2519

■ 94.3810, 15.0952,
-81.8951

■ 229.8840, 12.3822,
-51.6413

■ 76.0840, 12.2836,
-66.7257

■ 238.8540, 7.9600,
-33.1980

■ 58.6730, 9.0352,
-51.4562

■ 247.5250, 3.6852,
-15.3694

■ 41.9630, 5.9342,
-36.8016

■ 26.6550, 3.1281,
-23.3764

■ 4.7760, 3.0684,

-4.1886

■ 0.0000, 0.0000,
0.0000

■ 156.9380, 10.3836,
-63.9666

■ 156.9380, 10.3836,
-63.9666

■ 151.0290, 12.3107,
-75.4474

■ 162.8470, 8.4564,
-52.4858

■ 145.1200, 14.2378,
-86.9282

■ 168.7560, 6.5293,
-41.0050

■ 139.2110, 16.1650,
-98.4090

■ 174.6650, 4.6022,
-29.5242

■ 133.1880, 17.6553,
-109.7899

■ 180.6880, 3.1118,
-18.1434

■ 130.6820, 18.3978,
-114.6081

■ 186.5970, 1.1847,
-6.6626

■ 192.5060, -0.7425,
4.8182

■ 198.4150, -2.6696,
16.2990

■ 204.3240, -4.5967,
27.7799

■ 210.2330, -6.5239,
39.2607

Harmonies

Analogous

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



162.9940, -7.8850, -37.7057



156.9380, 10.3836, -63.9666



154.6880, 26.2828, -76.9024

Triad

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



156.9380, 10.3836, -63.9666



176.4180, 22.9649, 7.5264



173.4180, -27.3211, 36.4674

Complementary

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



156.9380, 10.3836, -63.9666



117.0620, -10.3836, 63.9666

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.



175.3130, -17.9023, 48.8375



156.9380, 10.3836, -63.9666



177.9670, 10.3693, 34.2319

Square

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



156.9380, 10.3836, -63.9666



170.6740, 31.2197, -26.9011



176.9830, -3.9356, 49.1269



170.8300, -29.0032, 15.9351

Rectangle

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



156.9380, 10.3836, -63.9666



158.2360, 31.9287, -67.7360



176.9830, -3.9356, 49.1269



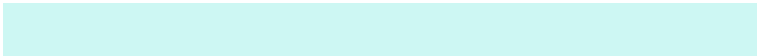
173.8470, -24.5746, 42.2302

Sweetspot

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



156.9380, 10.3836, -63.9666



233.9860, 4.4439, -25.4207



149.8100, -32.4443, -47.1914



117.1830, 2.3748, -15.0695



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



156.9380, 10.3836, -63.9666



195.6130, 16.4598, -99.6386



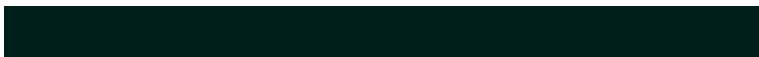
134.2390, 27.4902, -44.0596



91.1950, 0.8899, -5.4330



108.7060, 15.4279, -95.3352



21.2750, 2.8224, -18.6582

Inverse Universe

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



117.0620, -10.3836, 63.9666



133.3870, -16.4598, 99.6386



139.7610, -27.4902, 44.0596



87.8050, -0.8899, 5.4330



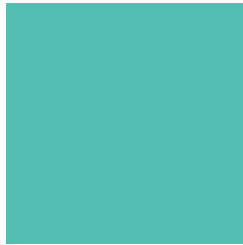
49.2940, -15.4279, 95.3352



9.6110, -3.2592, 18.7582

Previews

White Background



This preview shows how the YUV color 156.9380, 10.3836, -63.9666 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 156.9380, 10.3836, -63.9666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

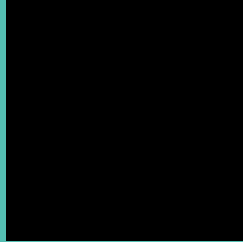
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 156.9380, 10.3836, -63.9666

Background



This preview shows how black text looks on a background with the YUV color 156.9380, 10.3836, -63.9666.

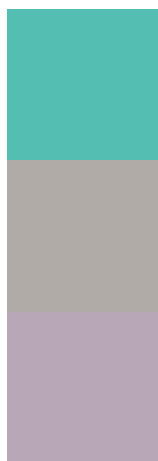


This preview shows how white text looks on a background with the YUV color 156.9380, 10.3836, -63.9666.

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

156.9380, 10.3836, -63.9666

Protanopia

172.0390, -2.4842, 3.4738

Deuteranopia

173.9070, 4.4828, 8.8516



Tritanopia

160.0170, 20.6976, -58.7739

Trichromacy



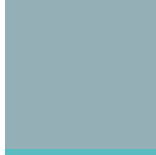
Original Color

156.9380, 10.3836, -63.9666



Protanomaly

166.7370, 2.1017, -20.8173



Deuteranomaly

167.6110, 6.6008, -17.1988



Tritanomaly

158.6810, 16.9193, -60.2332

Monochromacy



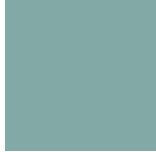
Original Color

156.9380, 10.3836, -63.9666



Achromatopsia

157.0000, 0.0000, 0.0000



Achromatomaly

156.8830, 4.0017, -23.5764

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.9380, 10.3836, -63.9666 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(84, 190, 178)` looks like.

```
.text, #text, p{  
    color:rgb(84, 190, 178)  
}
```

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(84, 190, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 190, 178) }
```

Border

The CSS property to change the border of an element to YUV 156.9380, 10.3836, -63.9666 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(84, 190, 178) }
```


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

```
.border{ border-color:rgb(84, 190, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 190, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 190, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 190, 178);  
box-shadow:4px 4px 4px 4px rgb(84, 190,  
178) }
```

Background

The CSS property to change the background color of an element to YUV 156.9380, 10.3836, -63.9666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 190, 178) }
```

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

```
.background{ background-color: rgb(84, 190,  
178) }
```

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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