

Converting Colors

YUV(157.6800, 18.3988,
-68.1254)

Have a look what the booklet for
YUV(157.6800, 18.3988, -68.1254)
contains.

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Color

**YUV(157.6800, 18.3988,
-68.1254)**

Conversions

Conversions Part 1

Format	Color
Hex	50BEC3
RGB	80, 190, 195
RGB Percent	31%, 75%, 76%
CMY	0.6863, 0.2549, 0.2353
CMYK	0.59, 0.03, 0.00, 0.24
HSL	183°, 49%, 54%
HSV	183°, 59%, 76%
XYZ	31.5720, 42.4725, 58.1638
YIQ	157.6800, -67.1650, -21.7650

Conversions

Conversions Part 2

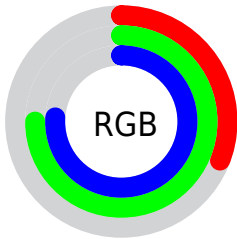
Format	Color
R_{YB}	80, 136, 195
Decimal	5291715
CIE _{Lab}	71.20, -29.56, -11.94
CIE _{LCh}	71, 31.885, 201.994
Yxy	42.4725, 0.2388, 0.3213
Android (android.graphics.Color)	4283481795 (0xFF50BEC3)
YUV	157.6800, 18.3988, -68.1254
Hunter-Lab	65.1709, -27.5749, -7.2955

Details

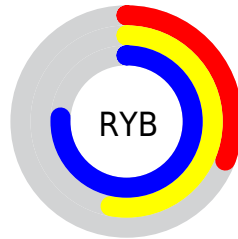
The YUV color **157.6800, 18.3988, -68.1254** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **117.3200, -18.3988, 68.1254**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.5770, 17.9565, -66.2810**, and **95.9060, 22.2313, -84.1096** is the 20% darker color. If you saturate the color by 10%, you get **151.4120, 21.4889, -79.2913**, and if you desaturate by 10%, it is **163.9480, 15.3086, -56.9594**.

Distribution



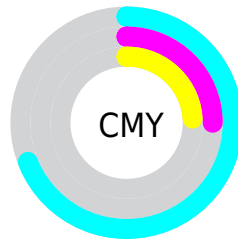
- Red (31%)
- Green (75%)
- Blue (76%)



- Red (31%)
- Yellow (53%)
- Blue (76%)



- Cyan (59%)
- Magenta (3%)
- Yellow (0%)
- Black (24%)



- Cyan (69%)
- Magenta (25%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 157.6800, 18.3988, -68.1254 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 157.6800, 18.3988, -68.1254 by changing the saturation by 10% instead.

■ 157.6800, 18.3988,
-68.1254

■ 157.6800, 18.3988,
-68.1254

■ 255.0000, 0.0000,
0.0000

■ 128.2880, 19.5780,
-73.0436

■ 215.5770, 17.9565,
-66.2810

■ 95.9060, 22.2313,
-84.1096

■ 229.5850, 12.5296,
-52.2560

■ 77.7940, 18.8356,
-68.2253

■ 238.2560, 8.2548,
-34.4275

■ 60.8560, 14.8610,
-53.3707

■ 247.2260, 3.8326,
-15.9842

■ 44.1460, 11.7600,
-38.7160

■ 28.7240, 8.5171,
-25.1909

■ 8.8340, 8.4628,

-7.7474

■ 0.0000, 0.0000,
0.0000

■ 157.6800, 18.3988,
-68.1254

■ 157.6800, 18.3988,
-68.1254

■ 151.4120, 21.4889,
-79.2913

■ 163.9480, 15.3086,
-56.9594

■ 144.8450, 24.7264,
-91.0721

■ 170.5150, 12.0711,
-45.1787

■ 138.2780, 27.9639,
-102.8528

■ 176.7830, 8.9810,
-34.0127

■ 132.5970, 30.7647,
-114.5336

■ 182.7630, 6.0328,
-21.7172

■ 131.9990, 31.0595,
-115.7631

■ 189.3300, 2.7953,
-9.9364

■ 195.5980, -0.2948,
1.2296

■ 202.1650, -3.5323,
13.0103

■ 208.4330, -6.6225,
24.1763

■ 214.7010, -9.7126,
35.3422

Harmonies

Analogous

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



161.7350, 1.6096, -49.7566



157.6800, 18.3988, -68.1254



160.7480, 28.7182, -64.6770

Triad

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



157.6800, 18.3988, -68.1254



178.8560, 15.3540, 22.0513



173.5260, -27.8673, 24.9717

Complementary

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



157.6800, 18.3988, -68.1254



117.3200, -18.3988, 68.1254

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.



175.4170, -22.3906, 41.7303



157.6800, 18.3988, -68.1254



178.2470, 2.3432, 41.8794

Square

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



157.6800, 18.3988, -68.1254



175.7150, 25.7765, -7.6431



176.7350, -11.2084, 48.4674



170.1810, -24.7392, 1.5953

Rectangle

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



157.6800, 18.3988, -68.1254



165.8300, 31.1428, -48.9629



176.7350, -11.2084, 48.4674



173.9120, -26.5786, 31.6492

Sweetspot

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



157.6800, 18.3988, -68.1254



237.3710, 7.2121, -26.6354



147.9610, -31.5328, -59.6018



118.1550, 4.8536, -16.7989



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.



157.6800, 18.3988, -68.1254



194.3700, 28.4116, -106.4415



124.8080, 34.6047, -39.2966



93.4230, 1.7635, -5.6330



108.7520, 25.7583, -95.3755



22.5460, 5.1538, -19.7728

Inverse Universe

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



126.9250, 31.0960, 59.7018



146.1290, 48.7434, 92.8489



150.1920, -34.6047, 39.2966



91.0160, 2.4571, 5.2480



65.6950, 43.5344, 83.5825



13.5150, 9.1131, 17.0883

Previews

White Background



This preview shows how the YUV color 157.6800, 18.3988, -68.1254 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 157.6800, 18.3988, -68.1254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

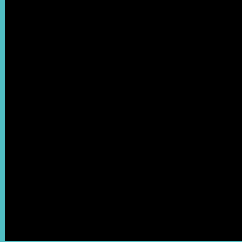
Any Text WCAG AA ✓ Pass

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 157.6800, 18.3988, -68.1254 Background



This preview shows how black text looks on a background with the YUV color 157.6800, 18.3988, -68.1254.



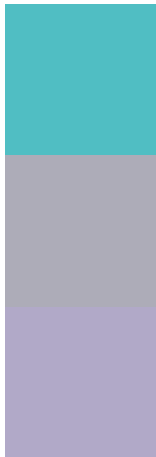
This preview shows how white text looks on a background with the YUV color 157.6800, 18.3988, -68.1254.

-68.1254.

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

157.6800, 18.3988, -68.1254

Protanopia

173.6670, 5.0942, -0.5850

Deuteranopia

174.9260, 12.3615, 1.8189



Tritanopia

159.3150, 22.0297, -66.0513

Trichromacy



Original Color

157.6800, 18.3988, -68.1254

Protanomaly

168.0660, 9.8275, -25.4909

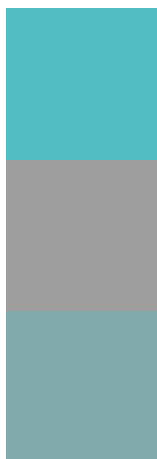
Deuteranomaly

168.9290, 14.3320, -23.6167

Tritanomaly

158.6740, 20.8667, -66.3661

Monochromacy



Original Color

157.6800, 18.3988, -68.1254

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

158.1540, 6.3331, -24.6911

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.6800, 18.3988, -68.1254 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(80, 190, 195)` looks like.

```
.text, #text, p{  
    color:rgb(80, 190, 195)  
}
```

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(80, 190, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 190, 195) }
```

Border

The CSS property to change the border of an element to YUV 157.6800, 18.3988, -68.1254 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(80, 190, 195) }
```


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

```
.border{ border-color:rgb(80, 190, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 190, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 190, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 190, 195);  
box-shadow:4px 4px 4px 4px rgb(80, 190,  
195) }
```

Background

The CSS property to change the background color of an element to YUV 157.6800, 18.3988, -68.1254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 190, 195) }
```

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

```
.background{ background-color: rgb(80, 190,  
195) }
```

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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