

Converting Colors

YUV(175.0700, 6.8675,
-56.1894)

Have a look what the booklet for
YUV(175.0700, 6.8675, -56.1894)
contains.

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Color

**YUV(175.0700, 6.8675,
-56.1894)**

Conversions

Conversions Part 1

Format	Color
Hex	6FCDBD
RGB	111, 205, 189
RGB Percent	44%, 80%, 74%
CMY	0.5647, 0.1961, 0.2588
CMYK	0.46, 0.00, 0.08, 0.20
HSL	170°, 48%, 62%
HSV	170°, 46%, 80%
XYZ	37.5722, 50.7163, 55.9531
YIQ	175.0700, -50.8880, -24.9040

Conversions

Conversions Part 2

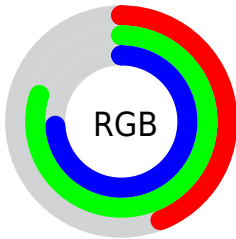
Format	Color
RYB	111, 162, 205
Decimal	7327165
CIELab	76.51, -31.78, -0.70
CIElCh	77, 31.789, 181.264
Yxy	50.7163, 0.2605, 0.3516
Android (android.graphics.Color)	4285517245 (0xFF6FCDBD)
YUV	175.0700, 6.8675, -56.1894
Hunter-Lab	71.2154, -30.4529, 3.2673

Details

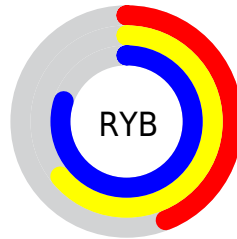
The YUV color **175.0700, 6.8675, -56.1894** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **140.9300, -6.8675, 56.1894**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.8470, 8.4564, -52.4858**, and **119.4010, 8.1833, -58.2337** is the 20% darker color. If you saturate the color by 10%, you get **168.4490, 8.6526, -68.7998**, and if you desaturate by 10%, it is **181.6910, 5.0823, -43.5790**.

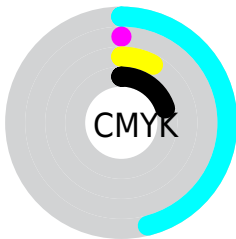
Distribution



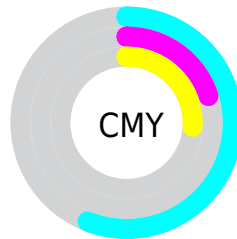
- Red (44%)
- Green (80%)
- Blue (74%)



- Red (44%)
- Yellow (64%)
- Blue (80%)



- Cyan (46%)
- Magenta (0%)
- Yellow (8%)
- Black (20%)



- Cyan (56%)
- Magenta (20%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.0700, 6.8675, -56.1894 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 175.0700, 6.8675, -56.1894 by changing the saturation by 10% instead.

■ 175.0700, 6.8675,
-56.1894

■ 175.0700, 6.8675,
-56.1894

255.0000, 0.0000,
0.0000

■ 147.1840, 7.3043,
-56.2894

■ 227.8470, 8.4564,
-52.4858

■ 119.4010, 8.1833,
-58.2337

■ 237.3590, 8.6970,
-36.2718

■ 88.9160, 10.3944,
-67.4553

■ 246.3290, 4.2748,
-17.8285

■ 67.9170, 8.9149,
-59.5632

■ 50.6200, 6.1033,
-44.3937

■ 34.6110, 3.1498,
-30.3538

■ 20.5910, 0.2016,

-18.0583

■ 0.0000, 0.0000,
0.0000

■ 175.0700, 6.8675,
-56.1894

■ 175.0700, 6.8675,
-56.1894

■ 168.4490, 8.6526,
-68.7998

■ 181.6910, 5.0823,
-43.5790

■ 162.0130, 9.8536,
-80.6954

■ 188.1270, 3.8814,
-31.6834

■ 155.6910, 11.4913,
-92.6910


■ 194.7480, 2.0962,
-19.0730


■ 148.9560, 12.8397,
-105.2014


■ 201.1840, 0.8953,
-7.1774


■ 142.3350, 14.6248,
-117.8118

■ 207.8050, -0.8899,
5.4330

 139.7150, 14.9305,
-122.5301

 214.2410, -2.0908,
17.3286

 220.8620, -3.8760,
29.9390

 221.3180, -2.1288,
29.5391

 221.6600, -0.8184,
29.2392

Harmonies

Analogous

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



179.5710, -9.6485, -32.0728



175.0700, 6.8675, -56.1894



173.0050, 22.1825, -68.4104

Triad

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



175.0700, 6.8675, -56.1894



191.7980, 23.2706, 2.8082



189.2980, -25.2899, 38.3267

Complementary

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



175.0700, 6.8675, -56.1894



140.9300, -6.8675, 56.1894

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.



190.9970, -15.2815, 48.2376



175.0700, 6.8675, -56.1894



193.1020, 12.2747, 29.7285

Square

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



175.0700, 6.8675, -56.1894



185.7230, 30.2096, -29.5751



192.8300, -1.8882, 45.7531



186.7810, -27.9930, 18.6091

Rectangle

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



175.0700, 6.8675, -56.1894



175.4600, 28.8602, -63.5474



192.8300, -1.8882, 45.7531



190.0150, -22.6854, 42.9598

Sweetspot

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



175.0700, 6.8675, -56.1894



243.5520, 2.6859, -21.5321



171.2610, -29.7087, -37.9399



120.9660, 1.4958, -13.1252



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.



175.0700, 6.8675, -56.1894



210.4040, 10.1538, -83.6693



159.2840, 22.5380, -42.3451



98.7820, 0.6005, -5.9478



113.1740, 12.2392, -99.2536



25.9540, 2.9807, -22.7617

Inverse Universe

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



140.9300, -6.8675, 56.1894



159.5960, -10.1538, 83.6693



156.7160, -22.5380, 42.3451



95.2180, -0.6005, 5.9478



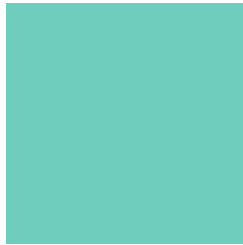
52.8260, -12.2392, 99.2536



12.1600, -2.5439, 22.6617

Previews

White Background



This preview shows how the YUV color 175.0700, 6.8675, -56.1894 looks on a white background.

Color Contrast Check

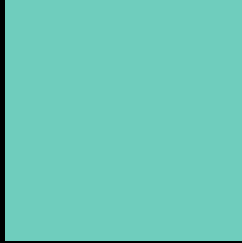
Large Text (above 18pt) WCAG AA × Fail

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 175.0700, 6.8675, -56.1894 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

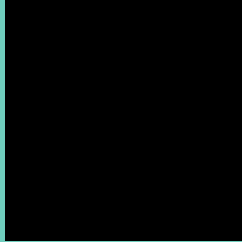
Any Text WCAG AA ✓ Pass

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 175.0700, 6.8675, -56.1894 Background



This preview shows how black text looks on a background with the YUV color 175.0700, 6.8675, -56.1894.



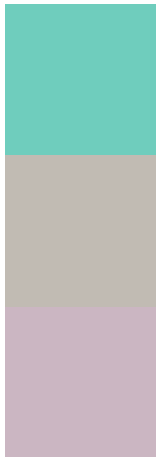
This preview shows how white text looks on a background with the YUV color 175.0700, 6.8675,

-56.1894.

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

175.0700, 6.8675, -56.1894

Protanopia

187.8820, -4.3788, 4.4885

Deuteranopia

189.6470, 2.1460, 11.7106



Tritanopia

178.3060, 19.0761, -52.0114

Trichromacy



Original Color

175.0700, 6.8675, -56.1894

Protanomaly

183.4770, -0.2352, -17.9583

Deuteranomaly

184.2480, 3.8217, -12.4955

Tritanomaly

176.8560, 14.8610, -53.3707

Monochromacy



Original Color

175.0700, 6.8675, -56.1894

Achromatopsia

175.0000, 0.0000, 0.0000

Achromatomaly

175.1500, 2.3910, -20.3026

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.0700, 6.8675, -56.1894 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(111, 205, 189)` looks like.

```
.text, #text, p{  
    color:rgb(111, 205, 189)  
}
```

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(111, 205, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 205, 189) }
```

Border

The CSS property to change the border of an element to YUV 175.0700, 6.8675, -56.1894 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(111, 205, 189) }
```


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

```
.border{ border-color:rgb(111, 205, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 205, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(111, 205, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(111, 205, 189); box-shadow:4px 4px 4px 4px rgb(111, 205, 189) }
```

Background

The CSS property to change the background color of an element to YUV 175.0700, 6.8675, -56.1894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 205, 189) }
```

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

```
.background{ background-color: rgb(111,  
205, 189) }
```

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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