

# Converting Colors

YUV(173.0880, 16.2256,  
-71.1142)

Have a look what the booklet for  
YUV(173.0880, 16.2256, -71.1142)  
contains.

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# Color

**YUV(173.0880, 16.2256,  
-71.1142)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5CD0CE
RGB	92, 208, 206
RGB Percent	36%, 82%, 81%
CMY	0.6392, 0.1843, 0.1922
CMYK	0.56, 0.00, 0.01, 0.18
HSL	179°, 55%, 59%
HSV	179°, 56%, 82%
XYZ	38.1101, 51.8433, 66.3907
YIQ	173.0880, -68.4940, -25.2140

# Conversions

## Conversions Part 2

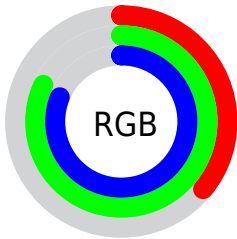
<b>Format</b>	<b>Color</b>
<b>RYB</b>	92, 151, 208
Decimal	6082766
CIELab	77.19, -32.97, -8.93
CIELCh	77, 34.158, 195.151
Yxy	51.8433, 0.2438, 0.3316
Android (android.graphics.Color)	4284272846 (0xFF5CD0CE)
YUV	173.0880, 16.2256, -71.1142
Hunter-Lab	72.0023, -31.5257, -4.2675

# Details

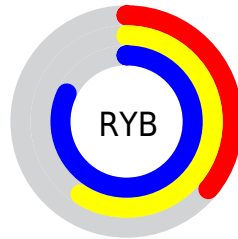
The YUV color **173.0880, 16.2256, -71.1142** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **126.9120, -16.2256, 71.1142**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.2030, 15.1829, -63.3220**, and **109.2320, 21.0846, -89.6575** is the 20% darker color. If you saturate the color by 10%, you get **166.8090, 19.3212, -84.0245**, and if you desaturate by 10%, it is **179.3670, 13.1301, -58.2039**.

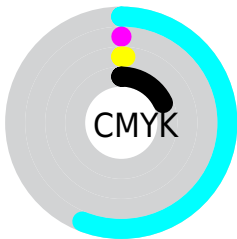
# Distribution



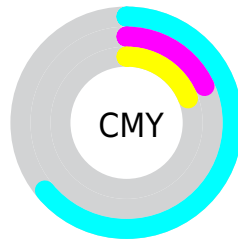
- Red (36%)
- Green (82%)
- Blue (81%)



- Red (36%)
- Yellow (59%)
- Blue (82%)



- Cyan (56%)
- Magenta (0%)
- Yellow (1%)
- Black (18%)



- Cyan (64%)
- Magenta (18%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 173.0880, 16.2256, -71.1142 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 173.0880, 16.2256, -71.1142 by changing the saturation by 10% instead.



173.0880, 16.2256,  
-71.1142

173.0880, 16.2256,  
-71.1142

255.0000, 0.0000,  
0.0000

143.7070, 17.3994,  
-74.2880

224.2030, 15.1829,  
-63.3220

109.2320, 21.0846,  
-89.6575

233.1730, 10.7607,  
-44.8787

88.9130, 18.2839,  
-77.9767

242.1430, 6.3385,  
-26.4354

70.8010, 14.8881,  
-62.0925

251.1130, 1.9163,  
-7.9921

53.9770, 11.3503,  
-47.3378

37.2670, 8.2494,  
-32.6832

23.1330, 4.8644,

-20.2876

■ 1.1400, 4.3680,  
-0.9998

■ 0.0000, 0.0000,  
0.0000

■ 173.0880, 16.2256,  
-71.1142

■ 173.0880, 16.2256,  
-71.1142

■ 166.8090, 19.3212,  
-84.0245

■ 179.3670, 13.1301,  
-58.2039

■ 160.4160, 21.9799,  
-96.8348

■ 185.7600, 10.4713,  
-45.3935

■ 154.4360, 24.9281,  
-109.1304

■ 191.7400, 7.5232,  
-33.0980

■ 148.1570, 28.0236,  
-122.0407

■ 198.0190, 4.4276,  
-20.1877

■ 145.3520, 28.9135,  
-127.4737

■ 204.4120, 1.7689,  
-7.3773

■ 210.6910, -1.3267,  
5.5330

■ 217.0840, -3.9854,  
18.3433

■ 222.1670, -6.4913,  
28.7945

# Harmonies

## Analogous

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



178.0080, -2.4689, -48.2420



173.0880, 16.2256, -71.1142



173.6220, 29.7664, -74.2135

# Triad

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



173.0880, 16.2256, -71.1142



194.9740, 19.7328, 17.5628



190.1140, -29.6362, 32.3490

# Complementary

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



173.0880, 16.2256, -71.1142



126.9120, -16.2256, 71.1142

# 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.



192.1620, -22.2649, 48.0929



173.0880, 16.2256, -71.1142



195.5720, 6.1270, 41.5944

# Square

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



173.0880, 16.2256, -71.1142



190.6970, 29.7294, -15.5203



194.0390, -8.8932, 52.5858



187.1880, -28.6867, 7.7281



# Rectangle

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



173.0880, 16.2256, -71.1142



179.0350, 33.5067, -60.5437



194.0390, -8.8932, 52.5858



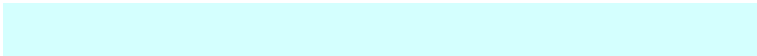
191.2010, -28.2001, 38.4117

# Sweetspot

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



173.0880, 16.2256, -71.1142



242.0290, 5.9017, -26.3354



161.2880, -34.1590, -57.2576



120.1120, 3.3958, -15.8842



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.



173.0880, 16.2256, -71.1142



203.5290, 23.8962, -104.8269



141.6180, 32.7263, -43.5150



101.5970, 1.1847, -6.6626



117.4260, 23.4540, -102.9826



28.6270, 5.6069, -25.1059



# Inverse Universe

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



126.9120, -16.2256, 71.1142



135.4710, -23.8962, 104.8269



158.3820, -32.7263, 43.5150



97.2890, -1.6215, 6.7625



50.5740, -23.4540, 102.9826

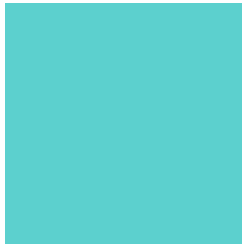


12.3730, -5.6069, 25.1059



# Previews

## White Background



This preview shows how the YUV color 173.0880, 16.2256, -71.1142 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

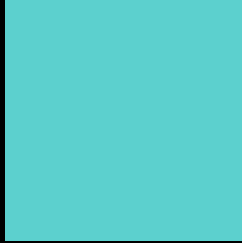
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 173.0880, 16.2256, -71.1142 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

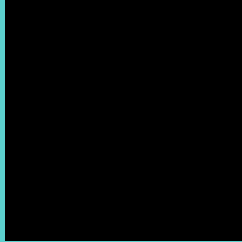
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

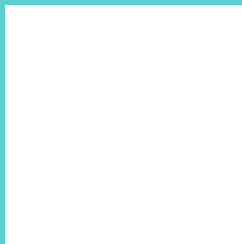
Any Text WCAG AAA ✓ Pass

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

# YUV 173.0880, 16.2256, -71.1142 Background



This preview shows how black text looks on a background with the YUV color 173.0880, 16.2256, -71.1142.



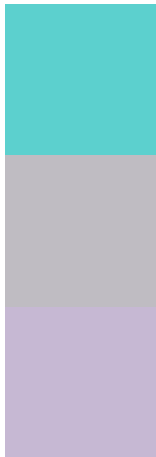
This preview shows how white text looks on a background with the YUV color 173.0880, 16.2256, -71.1142.

-71.1142.

# 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

173.0880, 16.2256, -71.1142

### Protanopia

189.5810, 2.1786, 1.2445

### Deuteranopia

191.2640, 9.7298, 5.9075



## Tritanopia

175.5320, 22.9087, -67.9956

# Trichromacy



**Original Color**

173.0880, 16.2256, -71.1142

**Protanomaly**

183.3820, 7.2067, -24.8910

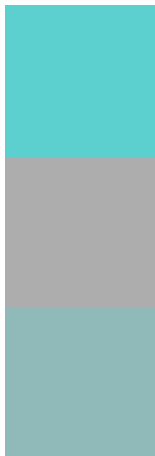
**Deuteranomaly**

184.6580, 12.0006, -22.5021

**Tritanomaly**

174.8370, 20.2934, -69.1400

# Monochromacy



**Original Color**

173.0880, 16.2256, -71.1142

**Achromatopsia**

173.0000, 0.0000, 0.0000

**Achromatomaly**

173.3280, 5.7543, -25.7207

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 173.0880, 16.2256, -71.1142 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(92, 208, 206)` looks like.

```
.text, #text, p{  
    color:rgb(92, 208, 206)  
}
```

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(92, 208, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 208, 206) }
```

## Border

The CSS property to change the border of an element to YUV 173.0880, 16.2256, -71.1142 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(92, 208, 206) }
```



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

```
.border{ border-color:rgb(92, 208, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 208, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 208, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 208, 206);  
box-shadow:4px 4px 4px 4px rgb(92, 208,  
206) }
```

# Background

The CSS property to change the background color of an element to YUV 173.0880, 16.2256, -71.1142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 208, 206) }
```

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

```
.background{ background-color: rgb(92, 208,  
206) }
```

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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