

# Converting Colors

YUV(179.9880, 7.8939,  
-58.7485)

Have a look what the booklet for  
YUV(179.9880, 7.8939, -58.7485)  
contains.

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# Color

**YUV(179.9880, 7.8939,  
-58.7485)**

# Conversions

## Conversions Part 1

Format	Color
Hex	71D3C4
RGB	113, 211, 196
RGB Percent	44%, 83%, 77%
CMY	0.5569, 0.1725, 0.2314
CMYK	0.46, 0.00, 0.07, 0.17
HSL	171°, 53%, 64%
HSV	171°, 46%, 83%
XYZ	40.0681, 54.0848, 60.5521
YIQ	179.9880, -53.5930, -25.4410

# Conversions

## Conversions Part 2

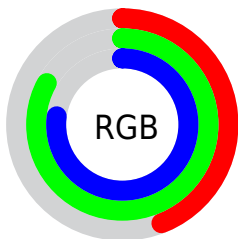
Format	Color
<a href="#">RYB</a>	<a href="#">113, 166, 211</a>
Decimal	<a href="#">7459780</a>
CIELab	<a href="#">78.51, -32.47, -1.52</a>
CIELCh	<a href="#">79, 32.504, 182.680</a>
Yxy	<a href="#">54.0848, 0.2590, 0.3496</a>
Android (android.graphics.Color)	<a href="#">4285649860 (0xFF71D3C4)</a>
YUV	<a href="#">179.9880, 7.8939, -58.7485</a>
Hunter-Lab	<a href="#">73.5423, -31.4468, 2.6624</a>

# Details

The YUV color **179.9880, 7.8939, -58.7485** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **144.0120, -7.8939, 58.7485**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.3570, 11.6560, -52.0561**, and **123.9060, 8.9203, -61.3076** is the 20% darker color. If you saturate the color by 10%, you get **173.3670, 9.6791, -71.3589**, and if you desaturate by 10%, it is **186.6090, 6.1088, -46.1381**.

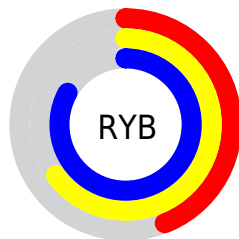
# Distribution



Red (44%)

Green (83%)

Blue (77%)



Red (44%)

Yellow (65%)

Blue (83%)

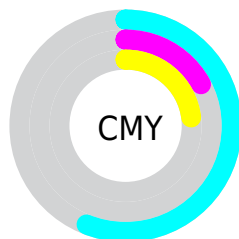


Cyan (46%)

Magenta (0%)

Yellow (7%)

Black (17%)



Cyan (56%)

Magenta (17%)


Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 179.9880, 7.8939, -58.7485 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 179.9880, 7.8939, -58.7485 by changing the saturation by 10% instead.




 179.9880, 7.8939,  
-58.7485

 179.9880, 7.8939,  
-58.7485


255.0000, 0.0000,  
0.0000


 151.8030, 8.4781,  
-59.4632


 229.3570, 11.6560,  
-52.0561

 123.9060, 8.9203,  
-61.3076


 238.2560, 8.2548,  
-34.4275

 92.9370, 11.8631,  
-71.8587

 247.2260, 3.8326,  
-15.9842

 71.5360, 10.0888,  
-62.7371

 54.2390, 7.2772,  
-47.5676

 38.2300, 4.3236,  
-33.5277

 23.5090, 1.2281,

-20.6174

■ 0.0000, 0.0000,  
0.0000

■ 179.9880, 7.8939,  
-58.7485

■ 179.9880, 7.8939,  
-58.7485

■ 173.3670, 9.6791,  
-71.3589

■ 186.6090, 6.1088,  
-46.1381

■ 166.7460, 11.4642,  
-83.9692

■ 193.2300, 4.3236,  
-33.5277

■ 160.0110, 12.8126,  
-96.4796

■ 199.9650, 2.9753,  
-21.0173

■ 153.3900, 14.5977,  
-109.0900

■ 206.5860, 1.1901,  
-8.4069

■ 146.7690, 16.3829,  
-121.7004

■ 213.5060, -0.7425,  
4.8182

■ 144.2630, 17.1253,  
-126.5187

■ 220.1270, -2.5276,  
17.4286

■ 225.0680, -2.9915,  
26.2504

■ 225.4100, -1.6811,  
25.9504

■ 225.7520, -0.3707,  
25.6505

# Harmonies

## Analogous

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



184.3750, -9.0589, -34.5319



179.9880, 7.8939, -58.7485



178.3360, 23.4984, -70.4547

# Triad

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



179.9880, 7.8939, -58.7485



197.5100, 23.4126, 3.9377



194.9560, -26.6003, 38.6266

# Complementary

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



179.9880, 7.8939, -58.7485



144.0120, -7.8939, 58.7485

# 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.



196.9540, -16.7393, 49.1523



179.9880, 7.8939, -58.7485



198.9990, 11.8325, 31.5729

# Square

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



179.9880, 7.8939, -58.7485



191.5490, 30.7883, -28.5455



198.6130, -2.7672, 47.6974



192.2540, -28.7192, 18.1942



# Rectangle

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



179.9880, 7.8939, -58.7485



180.9760, 29.5918, -64.8770



198.6130, -2.7672, 47.6974



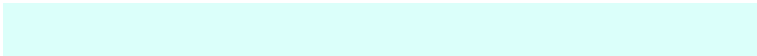
195.6730, -23.9958, 43.2598

# Sweetspot

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



179.9880, 7.8939, -58.7485



243.6660, 3.1227, -21.6321



175.3100, -30.7188, -40.6139



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.



179.9880, 7.8939, -58.7485



209.7350, 11.4696, -85.7136



162.3270, 23.9958, -43.2598



101.4830, 0.7479, -6.5626



114.9180, 13.8444, -100.7831



28.0570, 3.4229, -24.6060



# Inverse Universe

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



144.0120, -7.8939, 58.7485



157.2650, -11.4696, 85.7136



161.6730, -23.9958, 43.2598



97.5170, -0.7479, 6.5626



53.1960, -13.4076, 100.6831

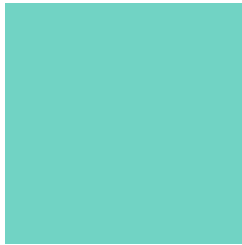


12.9430, -3.4229, 24.6060



# Previews

## White Background



This preview shows how the YUV color 179.9880, 7.8939, -58.7485 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

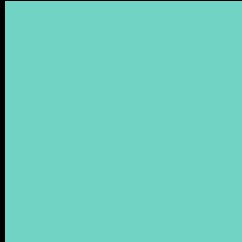
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 179.9880, 7.8939, -58.7485 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

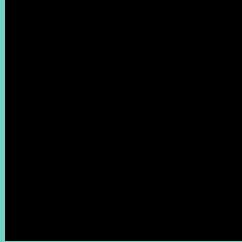
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

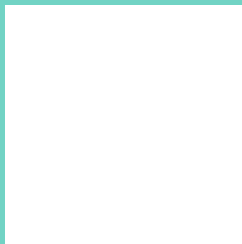
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 179.9880, 7.8939, -58.7485

## Background



This preview shows how black text looks on a background with the YUV color 179.9880, 7.8939, -58.7485.



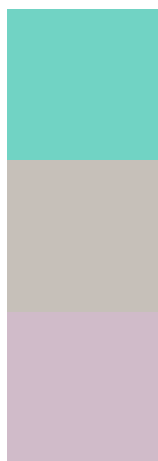
This preview shows how white text looks on a background with the YUV color 179.9880, 7.8939, -58.7485.



# 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

179.9880, 7.8939, -58.7485

### Protanopia

192.9960, -3.9420, 4.3885

### Deuteranopia

194.8750, 3.0196, 11.5106



## Tritanopia

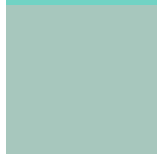
183.2240, 20.1026, -54.5704

# Trichromacy



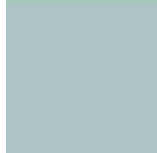
## Original Color

179.9880, 7.8939, -58.7485



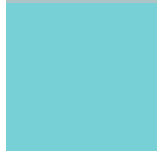
## Protanomaly

188.2920, 0.3490, -18.6731



## Deuteranomaly

189.4650, 4.7008, -14.4398



## Tritanomaly

181.7740, 15.8874, -55.9298

# Monochromacy



## Original Color

179.9880, 7.8939, -58.7485



## Achromatopsia

180.0000, 0.0000, 0.0000



## Achromatomaly

179.9650, 2.9753, -21.0173

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 179.9880, 7.8939, -58.7485 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(113, 211, 196)` looks like.

```
.text, #text, p{  
    color:rgb(113, 211, 196)  
}
```

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(113, 211, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 211, 196) }
```

## Border

The CSS property to change the border of an element to YUV 179.9880, 7.8939, -58.7485 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(113, 211, 196) }
```



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

```
.border{ border-color:rgb(113, 211, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 211, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 211, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 211, 196);  
box-shadow:4px 4px 4px 4px rgb(113, 211,  
196) }
```

# Background

The CSS property to change the background color of an element to YUV 179.9880, 7.8939, -58.7485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 211, 196) }
```

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

```
.background{ background-color: rgb(113,  
211, 196) }
```

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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