

# Converting Colors

YUV(173.2160, 8.7675,  
-58.9484)

Have a look what the booklet for  
YUV(173.2160, 8.7675, -58.9484)  
contains.

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# Color

**YUV(173.2160, 8.7675,  
-58.9484)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6ACCBF
RGB	106, 204, 191
RGB Percent	42%, 80%, 75%
CMY	0.5843, 0.2000, 0.2510
CMYK	0.48, 0.00, 0.06, 0.20
HSL	172°, 49%, 61%
HSV	172°, 48%, 80%
XYZ	36.9407, 50.0115, 56.9964
YIQ	173.2160, -54.2350, -24.8190

# Conversions

## Conversions Part 2

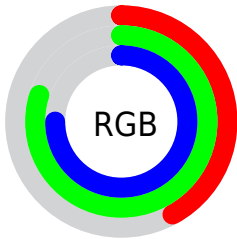
Format	Color
<a href="#">RYB</a>	<a href="#">106, 158, 204</a>
Decimal	<a href="#">6999231</a>
CIELab	<a href="#">76.08, -31.99, -2.43</a>
CIELCh	<a href="#">76, 32.086, 184.349</a>
Yxy	<a href="#">50.0115, 0.2566, 0.3474</a>
Android (android.graphics.Color)	<a href="#">4285189311 (0xFF6ACCBF)</a>
YUV	<a href="#">173.2160, 8.7675, -58.9484</a>
Hunter-Lab	<a href="#">70.7188, -30.5166, 1.7179</a>

# Details

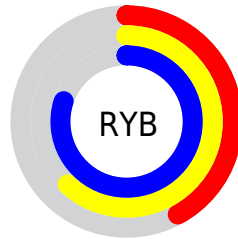
The YUV color **173.2160, 8.7675, -58.9484** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **136.7840, -8.7675, 58.9484**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.5800, 10.0671, -55.7597**, and **116.6500, 10.5256, -62.8370** is the 20% darker color. If you saturate the color by 10%, you get **166.8940, 10.4053, -70.9440**, and if you desaturate by 10%, it is **179.5380, 7.1298, -46.9528**.

# Distribution



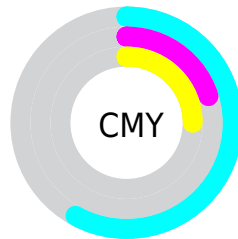
- Red (42%)
- Green (80%)
- Blue (75%)



- Red (42%)
- Yellow (62%)
- Blue (80%)



- Cyan (48%)
- Magenta (0%)
- Yellow (6%)
- Black (20%)




- Cyan (58%)
- Magenta (20%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 173.2160, 8.7675, -58.9484 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 173.2160, 8.7675, -58.9484 by changing the saturation by 10% instead.



 173.2160, 8.7675,  
-58.9484


 173.2160, 8.7675,  
-58.9484


255.0000, 0.0000,  
0.0000

 145.0310, 9.3517,  
-59.6632


 226.5800, 10.0671,  
-55.7597

 116.6500, 10.5256,  
-62.8370


 236.1630, 9.2866,  
-38.7310


 84.9690, 13.3263,  
-74.5178

 244.8340, 5.0118,  
-20.9024

 67.5580, 10.0779,  
-59.2484

 253.8040, 0.5896,  
-2.4591

 50.2610, 7.2663,  
-44.0789

 34.2520, 4.3128,  
-30.0390

 20.1180, 0.9278,

-17.6435

■ 0.0000, 0.0000,  
0.0000

■ 173.2160, 8.7675,  
-58.9484

■ 173.2160, 8.7675,  
-58.9484

■ 166.8940, 10.4053,  
-70.9440

■ 179.5380, 7.1298,  
-46.9528

■ 160.3870, 12.6272,  
-83.6544

■ 186.0450, 4.9078,  
-34.2425

■ 154.0650, 14.2650,  
-95.6500


■ 192.3670, 3.2701,  
-22.2469


■ 147.4440, 16.0501,  
-108.2604


■ 198.9880, 1.4849,  
-9.6365

■ 141.1220, 17.6879,  
-120.2560


■ 205.3100, -0.1528,  
2.3591

 139.9260, 18.2775,  
-122.7151

 211.5180, -2.2274,  
14.4547

 218.1390, -4.0125,  
27.0651

 220.2750, -3.5866,  
30.4538

 220.5030, -2.7130,  
30.2539

# Harmonies

## Analogous

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



178.1900, -8.4747, -35.2466



173.2160, 8.7675, -58.9484



171.7490, 23.7877, -69.9399

# Triad

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



173.2160, 8.7675, -58.9484



190.2930, 22.5336, 5.8820



188.0590, -26.1581, 36.7823

# Complementary

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



173.2160, 8.7675, -58.9484



136.7840, -8.7675, 58.9484

# 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.



190.2420, -16.8813, 48.0228



173.2160, 8.7675, -58.9484



192.0700, 10.8115, 32.3876

# Square

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



173.2160, 8.7675, -58.9484



185.3320, 29.9093, -26.6012



191.0860, -3.4934, 47.2826



185.3570, -28.2770, 16.3499



# Rectangle

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



173.2160, 8.7675, -58.9484



174.9870, 29.5864, -63.1326



191.0860, -3.4934, 47.2826



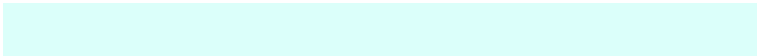
188.7760, -23.5536, 41.4154

# Sweetspot

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



173.2160, 8.7675, -58.9484



243.6660, 3.1227, -21.6321



167.4130, -30.2766, -42.4582



121.0800, 1.9326, -13.2252



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.



173.2160, 8.7675, -58.9484



208.4680, 13.0803, -88.9874



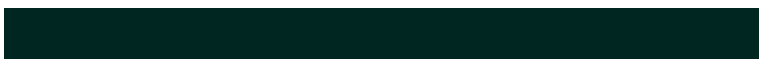
153.5660, 24.8640, -41.7154



98.8960, 1.0373, -6.0478



113.8580, 14.8600, -99.8535



26.0680, 3.4175, -22.8616



# Inverse Universe

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



136.7840, -8.7675, 58.9484



153.5320, -13.0803, 88.9874



156.4340, -24.8640, 41.7154



95.1040, -1.0373, 6.0478



52.1420, -14.8600, 99.8535



11.9320, -3.4175, 22.8616



# Previews

## White Background



This preview shows how the YUV color 173.2160, 8.7675, -58.9484 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

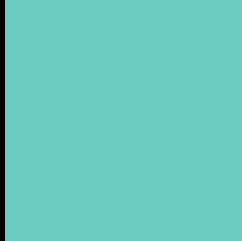
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 173.2160, 8.7675, -58.9484 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

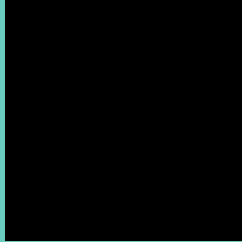
Any Text WCAG AA ✓ Pass

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 173.2160, 8.7675, -58.9484 Background



This preview shows how black text looks on a background with the YUV color 173.2160, 8.7675, -58.9484.



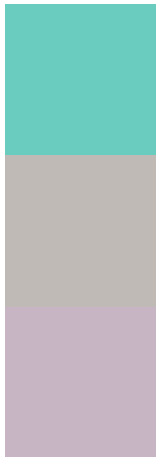
This preview shows how white text looks on a background with the YUV color 173.2160, 8.7675,

-58.9484.

# 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

173.2160, 8.7675, -58.9484

### Protanopia

186.9250, -2.9210, 3.5738

### Deuteranopia

188.3910, 3.7512, 10.1811



## Tritanopia

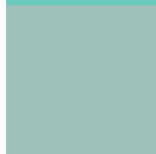
176.1100, 19.6658, -54.4705

# Trichromacy



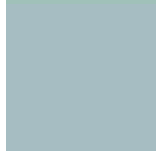
## Original Color

173.2160, 8.7675, -58.9484



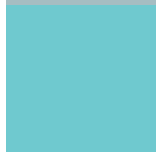
## Protanomaly

182.2210, 1.3700, -19.4878



## Deuteranomaly

182.6930, 5.5744, -14.6398



## Tritanomaly

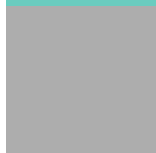
174.7740, 15.8874, -55.9298

# Monochromacy



## Original Color

173.2160, 8.7675, -58.9484



## Achromatopsia

173.0000, 0.0000, 0.0000



## Achromatomaly

173.0790, 3.4121, -21.1173

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 173.2160, 8.7675, -58.9484 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(106, 204, 191)` looks like.

```
.text, #text, p{  
    color:rgb(106, 204, 191)  
}
```

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(106, 204, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 204, 191) }
```

## Border

The CSS property to change the border of an element to YUV 173.2160, 8.7675, -58.9484 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".

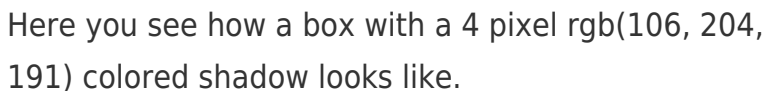
```
.border, #border, table{ border:4px solid rgb(106, 204, 191) }
```



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

```
.border{ border-color:rgb(106, 204, 191) }
```

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



Here you see how a box with a 4 pixel `rgb(106, 204, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(106, 204, 191); -webkit-box-shadow:4px 4px 4px 4px rgb(106, 204, 191); box-shadow:4px 4px 4px 4px rgb(106, 204, 191) }
```

# Background

The CSS property to change the background color of an element to YUV 173.2160, 8.7675, -58.9484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 204, 191) }
```

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

```
.background{ background-color: rgb(106,  
204, 191) }
```

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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