

# Converting Colors

YUV(166.2160, 8.7675,  
-58.9484)

Have a look what the booklet for  
YUV(166.2160, 8.7675, -58.9484)  
contains.

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# Color

**YUV(166.2160, 8.7675,  
-58.9484)**

# Conversions

## Conversions Part 1

Format	Color
Hex	63C5B8
RGB	99, 197, 184
RGB Percent	39%, 77%, 72%
CMY	0.6118, 0.2275, 0.2784
CMYK	0.50, 0.00, 0.07, 0.23
HSL	172°, 46%, 58%
HSV	172°, 50%, 77%
XYZ	33.7636, 46.0458, 52.4556
YIQ	166.2160, -54.2350, -24.8190

# Conversions

## Conversions Part 2

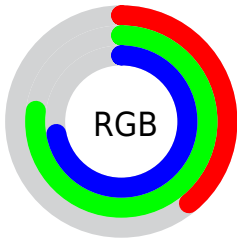
Format	Color
<a href="#">RYB</a>	<a href="#">99, 151, 197</a>
Decimal	<a href="#">6538680</a>
CIELab	<a href="#">73.58, -31.99, -2.35</a>
CIElCh	<a href="#">74, 32.075, 184.194</a>
Yxy	<a href="#">46.0458, 0.2553, 0.3481</a>
Android (android.graphics.Color)	<a href="#">4284728760 (0xFF63C5B8)</a>
YUV	<a href="#">166.2160, 8.7675, -58.9484</a>
Hunter-Lab	<a href="#">67.8571, -29.9339, 1.6670</a>

# Details

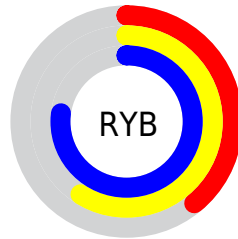
The YUV color **166.2160, 8.7675, -58.9484** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **129.7840, -8.7675, 58.9484**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.1020, 8.3307, -58.8485**, and **109.6390, 10.5310, -64.5814** is the 20% darker color. If you saturate the color by 10%, you get **159.8940, 10.4053, -70.9440**, and if you desaturate by 10%, it is **172.5380, 7.1298, -46.9528**.

# Distribution



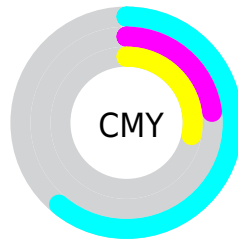
- Red (39%)
- Green (77%)
- Blue (72%)



- Red (39%)
- Yellow (59%)
- Blue (77%)



- Cyan (50%)
- Magenta (0%)
- Yellow (7%)
- Black (23%)



- Cyan (61%)
- Magenta (23%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 166.2160, 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 166.2160, 8.7675, -58.9484 by changing the saturation by 10% instead.



■ 166.2160, 8.7675,  
-58.9484

■ 166.2160, 8.7675,  
-58.9484

255.0000, 0.0000,  
0.0000

■ 138.0310, 9.3517,  
-59.6632

■ 223.1020, 8.3307,  
-58.8485

■ 109.6390, 10.5310,  
-64.5814

■ 234.0700, 10.3185,  
-43.0344

■ 80.7630, 12.4418,  
-70.8292

■ 242.7410, 6.0437,  
-25.2059

■ 63.3520, 9.1935,  
-55.5597

■ 251.7110, 1.6215,  
-6.7625

■ 46.0550, 6.3819,  
-40.3902

■ 30.0460, 3.4283,  
-26.3503

■ 14.2650, 1.3484,

-12.5104

■ 0.0000, 0.0000,  
0.0000

■ 166.2160, 8.7675,  
-58.9484

■ 166.2160, 8.7675,  
-58.9484

■ 159.8940, 10.4053,  
-70.9440

■ 172.5380, 7.1298,  
-46.9528

■ 153.9850, 12.3324,  
-82.4248

■ 178.4470, 5.2026,  
-35.4720

■ 147.6630, 13.9701,  
-94.4205

■ 184.7690, 3.5649,  
-23.4764

■ 141.4550, 16.0447,  
-106.5160

■ 190.9770, 1.4903,  
-11.3808

■ 135.1330, 17.6824,  
-118.5116

■ 197.2990, -0.1474,  
0.6148

■ 203.3220, -1.6377,  
11.9956

■ 209.5300, -3.7123,  
24.0912

■ 215.2540, -5.0552,  
34.8572

■ 215.5960, -3.7448,  
34.5573

# Harmonies

## Analogous

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



171.1900, -8.4747, -35.2466



166.2160, 8.7675, -58.9484



164.4500, 23.9351, -70.5547

# Triad

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



166.2160, 8.7675, -58.9484



183.8800, 22.2442, 5.3672



181.1730, -25.7213, 36.6823

# Complementary

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



166.2160, 8.7675, -58.9484



129.7840, -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.



183.2420, -16.8813, 48.0228



166.2160, 8.7675, -58.9484



185.6570, 10.5221, 31.8728

# Square

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



166.2160, 8.7675, -58.9484



178.3320, 29.9093, -26.6012



184.7870, -3.3460, 46.6678



178.4710, -27.8402, 16.2499



# Rectangle

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



166.2160, 8.7675, -58.9484



167.6880, 29.7338, -63.7474



184.7870, -3.3460, 46.6678



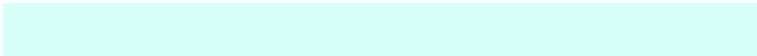
181.7760, -23.5536, 41.4154

# Sweetspot

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



166.2160, 8.7675, -58.9484



243.0680, 3.4175, -22.8616



160.4130, -30.2766, -42.4582



120.6670, 1.6432, -13.7400



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.



166.2160, 8.7675, -58.9484



206.9730, 13.8173, -92.0613



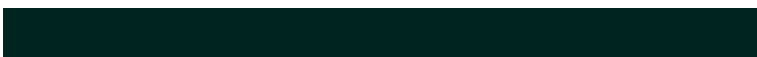
146.5660, 24.8640, -41.7154



96.1950, 0.8899, -5.4330



111.8690, 14.8546, -98.1091



24.6660, 3.1227, -21.6321



# Inverse Universe

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



129.7840, -8.7675, 58.9484



150.0270, -13.8173, 92.0613



149.4340, -24.8640, 41.7154



92.8050, -0.8899, 5.4330



51.2450, -14.4178, 98.0091

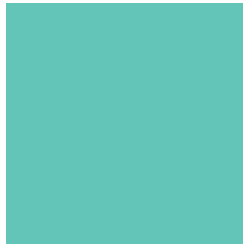


11.3340, -3.1227, 21.6321



# Previews

## White Background



This preview shows how the YUV color 166.2160, 8.7675, -58.9484 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

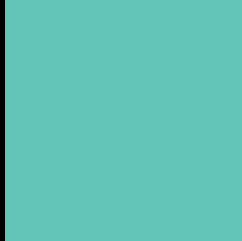
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 166.2160, 8.7675, -58.9484 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

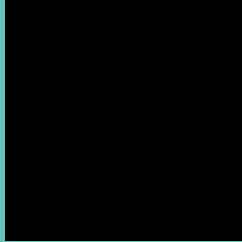
Any Text WCAG AA ✓ Pass

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 166.2160, 8.7675, -58.9484 Background



This preview shows how black text looks on a background with the YUV color 166.2160, 8.7675, -58.9484.



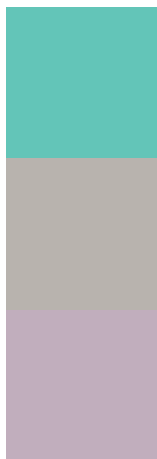
This preview shows how white text looks on a background with the YUV color 166.2160, 8.7675,

-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

166.2160, 8.7675, -58.9484

### Protanopia

179.9250, -2.9210, 3.5738

### Deuteranopia

181.3910, 3.7512, 10.1811



## Tritanopia

169.1100, 19.6658, -54.4705

# Trichromacy



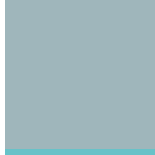
## Original Color

166.2160, 8.7675, -58.9484



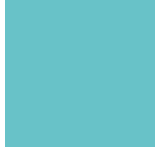
## Protanomaly

175.2210, 1.3700, -19.4878



## Deuteranomaly

175.6930, 5.5744, -14.6398



## Tritanomaly

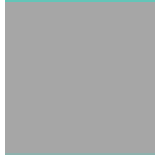
167.7740, 15.8874, -55.9298

# Monochromacy



## Original Color

166.2160, 8.7675, -58.9484



## Achromatopsia

166.0000, 0.0000, 0.0000



## Achromatomaly

166.0790, 3.4121, -21.1173

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 166.2160, 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(99, 197, 184)` looks like.

```
.text, #text, p{  
    color:rgb(99, 197, 184)  
}
```

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(99, 197, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 197, 184) }
```

## Border

The CSS property to change the border of an element to YUV 166.2160, 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(99, 197, 184) }
```



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

```
.border{ border-color:rgb(99, 197, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 197, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 197, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 197, 184);  
box-shadow:4px 4px 4px 4px rgb(99, 197,  
184) }
```

# Background

The CSS property to change the background color of an element to YUV 166.2160, 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(99, 197, 184) }
```

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

```
.background{ background-color: rgb(99, 197,  
184) }
```

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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