

# Converting Colors

YUV(160.5380, 20.4408,  
-69.7548)

Have a look what the booklet for  
YUV(160.5380, 20.4408, -69.7548)  
contains.

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# Color

**YUV(160.5380, 20.4408,  
-69.7548)**

# Conversions

## Conversions Part 1

Format	Color
Hex	51C1CA
RGB	81, 193, 202
RGB Percent	32%, 76%, 79%
CMY	0.6824, 0.2431, 0.2078
CMYK	0.60, 0.04, 0.00, 0.21
HSL	184°, 53%, 55%
HSV	184°, 60%, 79%
XYZ	33.1240, 44.1535, 62.6538
YIQ	160.5380, -69.6410, -20.9450

# Conversions

## Conversions Part 2

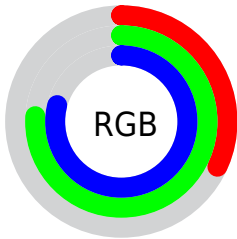
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	81, 139, 202
Decimal	5358026
CIE <sub>Lab</sub>	72.33, -28.88, -14.06
CIE <sub>LCh</sub>	72, 32.115, 205.956
Yxy	44.1535, 0.2367, 0.3155
Android (android.graphics.Color)	4283548106 (0xFF51C1CA)
YUV	160.5380, 20.4408, -69.7548
Hunter-Lab	66.4481, -27.3031, -9.3907

# Details

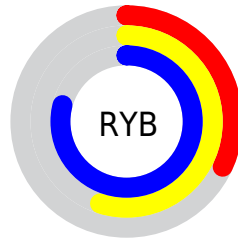
The YUV color **160.5380, 20.4408, -69.7548** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **122.4620, -20.4408, 69.7548**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.2780, 18.1039, -66.8958**, and **98.4650, 24.4208, -86.3538** is the 20% darker color. If you saturate the color by 10%, you get **153.3840, 23.9677, -81.0208**, and if you desaturate by 10%, it is **167.6920, 16.9138, -58.4889**.

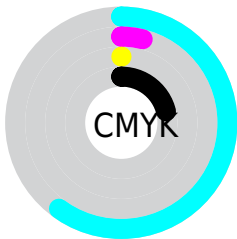
# Distribution



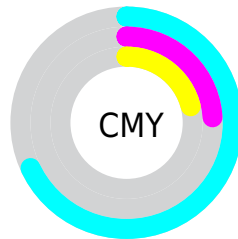
- Red (32%)
- Green (76%)
- Blue (79%)



- Red (32%)
- Yellow (55%)
- Blue (79%)



- Cyan (60%)
- Magenta (4%)
- Yellow (0%)
- Black (21%)



- Cyan (68%)
- Magenta (24%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 160.5380, 20.4408, -69.7548 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 160.5380, 20.4408, -69.7548 by changing the saturation by 10% instead.



160.5380, 20.4408,  
-69.7548

160.5380, 20.4408,  
-69.7548

255.0000, 0.0000,  
0.0000

131.1460, 21.6200,  
-74.6730

218.2780, 18.1039,  
-66.8958

98.4650, 24.4208,  
-86.3538

229.8840, 12.3822,  
-51.6413

80.2390, 20.5882,  
-70.3696

238.8540, 7.9600,  
-33.1980

62.7140, 16.9030,  
-55.0002

247.8240, 3.5378,  
-14.7546

46.0040, 13.8020,  
-40.3455

30.4680, 10.1223,  
-26.7204

12.8120, 8.4737,

-11.2361

■ 0.2280, 0.8736,  
-0.2000

■ 0.0000, 0.0000,  
0.0000

■ 160.5380, 20.4408,  
-69.7548

■ 160.5380, 20.4408,  
-69.7548

■ 153.3840, 23.9677,  
-81.0208

■ 167.6920, 16.9138,  
-58.4889

■ 146.8170, 27.2052,  
-92.8015

■ 174.2590, 13.6763,  
-46.7081

■ 139.3640, 30.8795,  
-104.6822

■ 181.7120, 10.0020,  
-34.8274

■ 132.7970, 34.1171,  
-116.4630

■ 188.2790, 6.7645,  
-23.0467

■ 195.4330, 3.2375,  
-11.7807

■ 202.0000, 0.0000,  
0.0000

■ 209.1540, -3.5269,  
11.2659

■ 216.0200, -6.9119,  
23.6615

■ 220.7820, -9.2595,  
30.0092

# Harmonies

## Analogous

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



163.6960, 4.0939, -53.2304



160.5380, 20.4408, -69.7548



164.4000, 29.8758, -62.6178

# Triad

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



160.5380, 20.4408, -69.7548



181.6500, 14.4695, 25.7399



176.1020, -28.1513, 22.7125

# Complementary

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



160.5380, 20.4408, -69.7548



122.4620, -20.4408, 69.7548

# 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.



178.0640, -23.6956, 40.2859



160.5380, 20.4408, -69.7548



181.8020, 0.5906, 44.0236

# Square

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



160.5380, 20.4408, -69.7548



179.2210, 25.0340, -2.8248



180.1650, -13.3923, 48.9673



172.6860, -24.0022, -1.4786



# Rectangle

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



160.5380, 20.4408, -69.7548



169.9660, 31.5688, -45.5742



180.1650, -13.3923, 48.9673



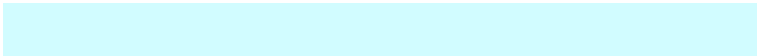
176.9610, -27.5888, 28.9752

# Sweetspot

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



160.5380, 20.4408, -69.7548



239.4850, 7.6489, -26.7353



152.9390, -31.5219, -63.0905



117.5680, 5.1430, -16.2841



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.



160.5380, 20.4408, -69.7548



191.7660, 31.1744, -105.9118



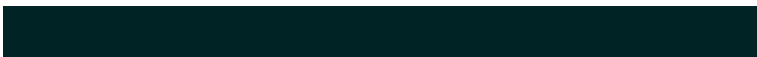
125.3180, 37.8042, -38.8669



98.4230, 1.7635, -5.6330



108.7350, 28.2316, -95.3606



24.8770, 6.4696, -21.8171



# Inverse Universe

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



129.9470, 31.0851, 63.1905



145.3960, 47.1328, 96.1227



157.6820, -37.8042, 38.8669



96.0160, 2.4571, 5.2480



67.0760, 42.3605, 86.7563

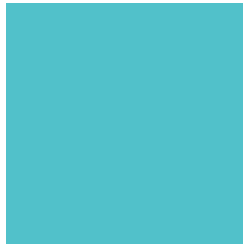


15.3520, 9.6865, 19.8623



# Previews

## White Background



This preview shows how the YUV color 160.5380, 20.4408, -69.7548 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 160.5380, 20.4408, -69.7548 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

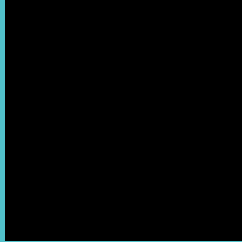
Any Text WCAG AA ✓ Pass

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 160.5380, 20.4408, -69.7548 Background



This preview shows how black text looks on a background with the YUV color 160.5380, 20.4408, -69.7548.



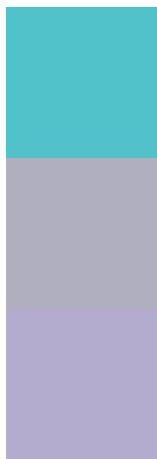
This preview shows how white text looks on a background with the YUV color 160.5380, 20.4408, -69.7548.

-69.7548.

# 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

160.5380, 20.4408, -69.7548

### Protanopia

176.8240, 6.9888, -1.5996

### Deuteranopia

178.0830, 14.2561, 0.8042



## Tritanopia

161.2330, 23.0561, -68.6103

# Trichromacy



## Original Color

160.5380, 20.4408, -69.7548



## Protanomaly

171.2230, 11.7221, -26.5056



## Deuteranomaly

171.7870, 16.3740, -25.2462



## Tritanomaly

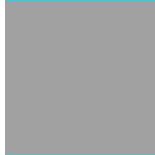
160.7060, 22.3299, -69.0252

# Monochromacy



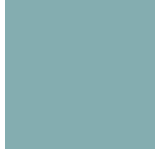
## Original Color

160.5380, 20.4408, -69.7548



## Achromatopsia

161.0000, 0.0000, 0.0000



## Achromatomaly

161.0830, 7.3541, -25.5058

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 160.5380, 20.4408, -69.7548 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(81, 193, 202)` looks like.

```
.text, #text, p{  
    color:rgb(81, 193, 202)  
}
```

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(81, 193, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 193, 202) }
```

## Border

The CSS property to change the border of an element to YUV 160.5380, 20.4408, -69.7548 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(81, 193, 202) }
```



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

```
.border{ border-color:rgb(81, 193, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 193, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 193, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 193, 202);  
box-shadow:4px 4px 4px 4px rgb(81, 193,  
202) }
```

# Background

The CSS property to change the background color of an element to YUV 160.5380, 20.4408, -69.7548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 193, 202) }
```

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

```
.background{ background-color: rgb(81, 193,  
202) }
```

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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