

# Converting Colors

YUV(160.1950, 17.1589,  
-90.5020)

Have a look what the booklet for  
YUV(160.1950, 17.1589, -90.5020)  
contains.

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# Color

**YUV(160.1950, 17.1589,  
-90.5020)**

# Conversions

## Conversions Part 1

Format	Color
Hex	39CEC3
RGB	57, 206, 195
RGB Percent	22%, 81%, 76%
CMY	0.7765, 0.1922, 0.2353
CMYK	0.72, 0.00, 0.05, 0.19
HSL	176°, 60%, 52%
HSV	176°, 72%, 81%
XYZ	33.6090, 48.9526, 59.3072
YIQ	160.1950, -85.2730, -35.0090

# Conversions

## Conversions Part 2

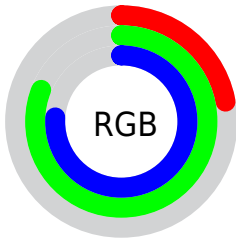
<b>Format</b>	<b>Color</b>
<b>RYB</b>	57, 134, 206
Decimal	3788483
CIELab	75.42, -40.49, -5.71
CIELCh	75, 40.890, 188.029
Yxy	48.9526, 0.2369, 0.3451
Android (android.graphics.Color)	4281978563 (0xFF39CEC3)
YUV	160.1950, 17.1589, -90.5020
Hunter-Lab	69.9661, -36.6964, -1.2812

# Details

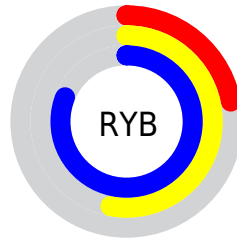
The YUV color **160.1950, 17.1589, -90.5020** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **102.8050, -17.1589, 90.5020**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.9730, 17.2683, -78.9063**, and **104.7110, 17.8905, -91.8315** is the 20% darker color. If you saturate the color by 10%, you get **153.6880, 19.3808, -103.2124**, and if you desaturate by 10%, it is **166.7020, 14.9369, -77.7917**.

# Distribution



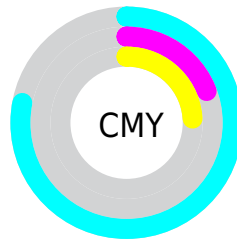
- Red (22%)
- Green (81%)
- Blue (76%)



- Red (22%)
- Yellow (53%)
- Blue (81%)



- Cyan (72%)
- Magenta (0%)
- Yellow (5%)
- Black (19%)



- Cyan (78%)
- Magenta (19%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 160.1950, 17.1589, -90.5020 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 160.1950, 17.1589, -90.5020 by changing the saturation by 10% instead.



■ 160.1950, 17.1589,  
-90.5020

■ 160.1950, 17.1589,  
-90.5020

■ 255.0000, 0.0000,  
0.0000

■ 123.6380, 21.8705,  
-108.4305

■ 215.9730, 17.2683,  
-78.9063

■ 104.7110, 17.8905,  
-91.8315

■ 225.6980, 14.4459,  
-60.2481

■ 86.0120, 14.7841,  
-75.4325

■ 234.6680, 10.0237,  
-41.8048

■ 68.4870, 11.0989,  
-60.0631

■ 243.9370, 5.4541,  
-22.7467

■ 51.1900, 8.2873,  
-44.8936

■ 253.2060, 0.8844,  
-3.6887

■ 34.5940, 5.6232,  
-30.3389

■ 19.2860, 2.8170,

-16.9138

■ 0.0000, 0.0000,  
0.0000

■ 160.1950, 17.1589,  
-90.5020

■ 160.1950, 17.1589,  
-90.5020

■ 153.6880, 19.3808,  
-103.2124

■ 166.7020, 14.9369,  
-77.7917

■ 147.5940, 21.8922,  
-115.4079

■ 172.7960, 12.4256,  
-65.5961

■ 142.6960, 23.8139,  
-125.1444

■ 179.3030, 10.2036,  
-52.8857

■ 185.3970, 7.6923,  
-40.6902

■ 191.9040, 5.4703,  
-27.9798

■ 198.2970, 2.8116,  
-15.1695

■ 204.5050, 0.7370,  
-3.0739

■ 210.8980, -1.9217,  
9.7365

■ 217.1060, -3.9963,  
21.8320

# Harmonies

## Analogous

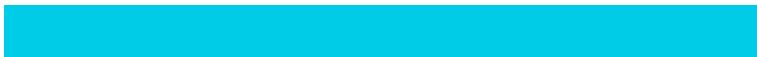
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



171.3190, -7.5523, -51.1458



160.1950, 17.1589, -90.5020



146.3810, 41.7172, -127.4991

# Triad

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



160.1950, 17.1589, -90.5020



189.5910, 27.3166, 11.7597



185.3280, -34.1787, 42.6853

# Complementary

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



160.1950, 17.1589, -90.5020



102.8050, -17.1589, 90.5020

# 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.



187.4130, -22.8816, 59.2738



160.1950, 17.1589, -90.5020



190.4890, 12.0839, 44.2981

# Square

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



160.1950, 17.1589, -90.5020



182.5040, 35.7405, -30.2600



187.9950, -5.4205, 58.7634



182.4080, -35.6971, 16.3052



# Rectangle

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



160.1950, 17.1589, -90.5020



161.9320, 42.9245, -94.6564



187.9950, -5.4205, 58.7634



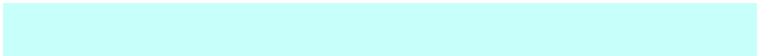
186.1700, -31.1428, 48.9629

# Sweetspot

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



160.1950, 17.1589, -90.5020



237.8000, 6.5076, -34.0276



148.0510, -44.8881, -69.3277



117.4920, 3.7014, -20.6025



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.



160.1950, 17.1589, -90.5020



186.7980, 25.7356, -134.8808



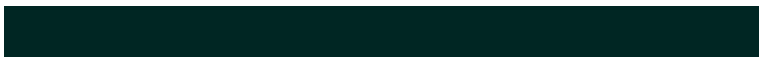
125.0550, 39.9059, -59.6842



98.8960, 1.0373, -6.0478



114.9980, 19.2280, -100.8532



26.2960, 4.2911, -23.0616



# Inverse Universe

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



102.8050, -17.1589, 90.5020



101.3160, -25.2988, 134.7809



137.9450, -39.9059, 59.6842



95.1040, -1.0373, 6.0478



51.0020, -19.2280, 100.8532

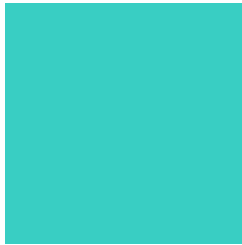


11.7040, -4.2911, 23.0616



# Previews

## White Background



This preview shows how the YUV color 160.1950, 17.1589, -90.5020 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 160.1950, 17.1589, -90.5020 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

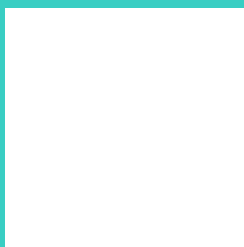
Any Text WCAG AAA ✓ Pass

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

# YUV 160.1950, 17.1589, -90.5020 Background



This preview shows how black text looks on a background with the YUV color 160.1950, 17.1589, -90.5020.



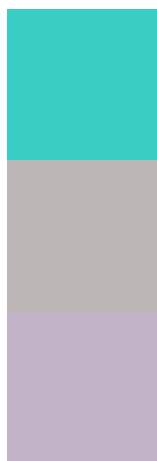
This preview shows how white text looks on a background with the YUV color 160.1950, 17.1589, -90.5020.

-90.5020.

# 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

160.1950, 17.1589, -90.5020

### Protanopia

184.3810, -1.1738, 3.1739

### Deuteranopia

186.2920, 7.2510, 7.6369



## Tritanopia

164.7690, 26.7359, -82.2354

# Trichromacy



**Original Color**

160.1950, 17.1589, -90.5020

**Protanomaly**

175.2950, 5.7706, -30.9537

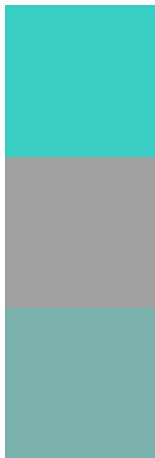
**Deuteranomaly**

176.9840, 10.8539, -28.0500

**Tritanomaly**

162.8350, 23.2523, -84.9243

# Monochromacy



**Original Color**

160.1950, 17.1589, -90.5020

**Achromatopsia**

160.0000, 0.0000, 0.0000

**Achromatomaly**

160.3980, 6.2128, -32.7980

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 160.1950, 17.1589, -90.5020 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(57, 206, 195)` looks like.

```
.text, #text, p{  
    color:rgb(57, 206, 195)  
}
```

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(57, 206, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 206, 195) }
```

## Border

The CSS property to change the border of an element to YUV 160.1950, 17.1589, -90.5020 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(57, 206, 195) }
```



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

```
.border{ border-color:rgb(57, 206, 195) }
```

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

Here you see how a box with a 4 pixel rgb(57, 206, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 206, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 206, 195);  
box-shadow:4px 4px 4px 4px rgb(57, 206,  
195) }
```

# Background

The CSS property to change the background color of an element to YUV 160.1950, 17.1589, -90.5020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 206, 195) }
```

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

```
.background{ background-color: rgb(57, 206,  
195) }
```

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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