

Converting Colors

YUV(176.3160, 17.0992,
-71.3141)

Have a look what the booklet for
YUV(176.3160, 17.0992, -71.3141)
contains.

YUV(176.3160, 17.0992, -71.3141)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(176.3160, 17.0992,
-71.3141)**

Conversions

Conversions Part 1

Format	Color
Hex	5FD3D3
RGB	95, 211, 211
RGB Percent	37%, 83%, 83%
CMY	0.6275, 0.1725, 0.1725
CMYK	0.55, 0.00, 0.00, 0.17
HSL	180°, 57%, 60%
HSV	180°, 55%, 83%
XYZ	39.7715, 53.7246, 69.9017
YIQ	176.3160, -69.1360, -24.5920

Conversions

Conversions Part 2

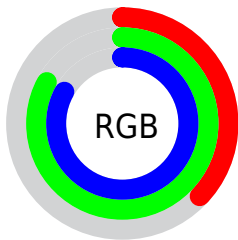
Format	Color
RYB	95, 153, 211
Decimal	6280147
CIELab	78.30, -32.49, -9.95
CIELCh	78, 33.978, 197.020
Yxy	53.7246, 0.2434, 0.3288
Android (android.graphics.Color)	4284470227 (0xFF5FD3D3)
YUV	176.3160, 17.0992, -71.3141
Hunter-Lab	73.2971, -31.4146, -5.2356

Details

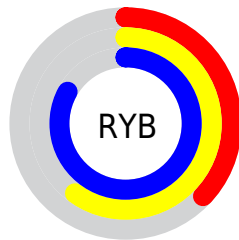
The YUV color **176.3160, 17.0992, -71.3141** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **129.6840, -17.0992, 71.3141**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.1000, 14.7407, -61.4777**, and **113.9550, 21.2212, -86.7835** is the 20% darker color. If you saturate the color by 10%, you get **170.0370, 20.1948, -84.2244**, and if you desaturate by 10%, it is **182.5950, 14.0037, -58.4038**.

Distribution



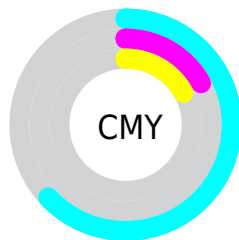
- Red (37%)
- Green (83%)
- Blue (83%)



- Red (37%)
- Yellow (60%)
- Blue (83%)



- Cyan (55%)
- Magenta (0%)
- Yellow (0%)
- Black (17%)



- Cyan (63%)
- Magenta (17%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.3160, 17.0992, -71.3141 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 176.3160, 17.0992, -71.3141 by changing the saturation by 10% instead.

■ 176.3160, 17.0992,
-71.3141

■ 176.3160, 17.0992,
-71.3141

■ 255.0000, 0.0000,
0.0000

■ 146.8210, 17.8362,
-74.3880

■ 225.1000, 14.7407,
-61.4777

■ 113.9550, 21.2212,
-86.7835

■ 234.0700, 10.3185,
-43.0344

■ 91.2440, 19.5997,
-80.0210

■ 243.0400, 5.8963,
-24.5911

■ 73.0180, 15.7671,
-64.0368

■ 252.0100, 1.4741,
-6.1478

■ 55.6070, 12.5187,
-48.7673

■ 39.4840, 9.1284,
-34.6275

■ 25.3500, 5.7435,

-22.2319

■ 2.4110, 6.6994,
-2.1144

■ 0.0000, 0.0000,
0.0000

■ 176.3160, 17.0992,
-71.3141

■ 176.3160, 17.0992,
-71.3141

■ 170.0370, 20.1948,
-84.2244

■ 182.5950, 14.0037,
-58.4038

■ 163.7580, 23.2903,
-97.1348

■ 188.8740, 10.9081,
-45.4935

■ 157.4790, 26.3859,
-110.0451

■ 195.1530, 7.8126,
-32.5832

■ 151.2000, 29.4814,
-122.9554

■ 201.4320, 4.7170,
-19.6729

■ 147.9110, 31.1029,
-129.7179

■ 208.0100, 1.4741,
-6.1478

■ 214.2890, -1.6215,
6.7625

■ 220.5680, -4.7170,
19.6729

■ 224.1560, -6.4859,
27.0502

Harmonies

Analogous

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



180.9370, -1.4479, -49.0567



176.3160, 17.0992, -71.3141



177.7470, 30.1977, -72.5691

Triad

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



176.3160, 17.0992, -71.3141



197.8710, 19.2906, 19.4071



193.1030, -29.6308, 30.6047

Complementary

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



176.3160, 17.0992, -71.3141



129.6840, -17.0992, 71.3141

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.



195.3360, -22.8436, 47.0633



176.3160, 17.0992, -71.3141



198.0560, 5.3954, 42.9239

Square

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



176.3160, 17.0992, -71.3141



194.0070, 29.5765, -13.1611



196.8000, -9.7614, 51.0414



189.7040, -27.9551, 6.3986

Rectangle

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



176.3160, 17.0992, -71.3141



183.3450, 33.3539, -58.1846



196.8000, -9.7614, 51.0414



193.4890, -28.3421, 37.2821

Sweetspot

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



176.3160, 17.0992, -71.3141



242.7410, 6.0437, -25.2059



163.0920, -33.5694, -59.7167



120.5250, 3.6852, -15.3694



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.



176.3160, 17.0992, -71.3141



204.7680, 24.7644, -103.2825



142.2700, 33.8839, -41.4558



101.7110, 1.6215, -6.7625



117.7680, 24.7644, -103.2825



28.7410, 6.0437, -25.2059

Inverse Universe

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



142.9080, 33.5694, 59.7167



156.3840, 48.6177, 86.4862



163.7300, -33.8839, 41.4558



98.5430, 3.1833, 5.6628



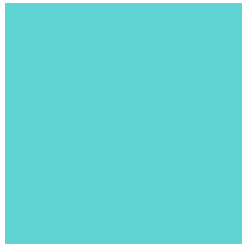
69.3840, 48.6177, 86.4862



16.9330, 11.8650, 21.1068

Previews

White Background



This preview shows how the YUV color 176.3160, 17.0992, -71.3141 looks on a white background.

Color Contrast Check

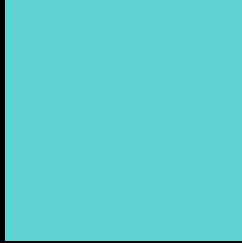
Large Text (above 18pt) WCAG AA × Fail

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 176.3160, 17.0992, -71.3141 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

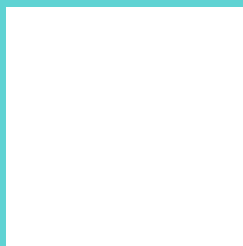
Any Text WCAG AAA ✓ Pass

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

YUV 176.3160, 17.0992, -71.3141 Background



This preview shows how black text looks on a background with the YUV color 176.3160, 17.0992, -71.3141.



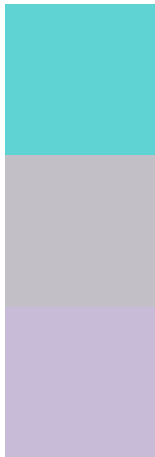
This preview shows how white text looks on a background with the YUV color 176.3160, 17.0992, -71.3141.

-71.3141.

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

176.3160, 17.0992, -71.3141

Protanopia

192.8090, 3.0522, 1.0445

Deuteranopia

194.1930, 10.7509, 5.0927



Tritanopia

178.6460, 23.3455, -68.0955

Trichromacy



Original Color

176.3160, 17.0992, -71.3141

Protanomaly

186.6100, 8.0803, -25.0910

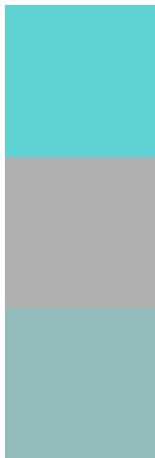
Deuteranomaly

187.8860, 12.8742, -22.7020

Tritanomaly

178.0650, 21.1670, -69.3400

Monochromacy



Original Color

176.3160, 17.0992, -71.3141

Achromatopsia

176.0000, 0.0000, 0.0000

Achromatomaly

176.4420, 6.1911, -25.8206

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.3160, 17.0992, -71.3141 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(95, 211, 211)` looks like.

```
.text, #text, p{  
    color:rgb(95, 211, 211)  
}
```

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(95, 211, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 211, 211) }
```

Border

The CSS property to change the border of an element to YUV 176.3160, 17.0992, -71.3141 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

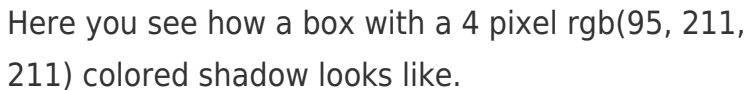
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(95, 211, 211) }
```


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

```
.border{ border-color:rgb(95, 211, 211) }
```

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



Here you see how a box with a 4 pixel `rgb(95, 211, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(95, 211, 211); -webkit-box-shadow:4px 4px 4px 4px rgb(95, 211, 211); box-shadow:4px 4px 4px 4px rgb(95, 211, 211) }
```

Background

The CSS property to change the background color of an element to YUV 176.3160, 17.0992, -71.3141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 211, 211) }
```

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

```
.background{ background-color: rgb(95, 211,  
211) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor