

Converting Colors

YUV(177.6150, 16.9518,
-70.6994)

Have a look what the booklet for
YUV(177.6150, 16.9518, -70.6994)
contains.

YUV(177.6150, 16.9518, -70.6994)	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(177.6150, 16.9518,
-70.6994)**

Conversions

Conversions Part 1

Format	Color
Hex	61D4D4
RGB	97, 212, 212
RGB Percent	38%, 83%, 83%
CMY	0.6196, 0.1686, 0.1686
CMYK	0.54, 0.00, 0.00, 0.17
HSL	180°, 57%, 61%
HSV	180°, 54%, 83%
XYZ	40.3569, 54.3818, 70.6571
YIQ	177.6150, -68.5400, -24.3800

Conversions

Conversions Part 2

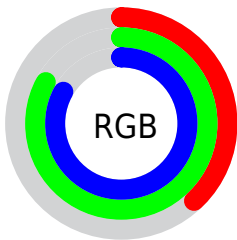
Format	Color
RYB	97, 155, 212
Decimal	6411476
CIELab	78.68, -32.31, -9.90
CIElCh	79, 33.798, 197.040
Yxy	54.3818, 0.2440, 0.3288
Android (android.graphics.Color)	4284601556 (0xFF61D4D4)
YUV	177.6150, 16.9518, -70.6994
Hunter-Lab	73.7440, -31.3667, -5.1873

Details

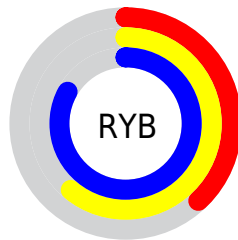
The YUV color **177.6150, 16.9518, -70.6994** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **131.3850, -16.9518, 70.6994**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.6980, 14.4459, -60.2481**, and **116.3360, 20.0474, -83.6097** is the 20% darker color. If you saturate the color by 10%, you get **171.3360, 20.0474, -83.6097**, and if you desaturate by 10%, it is **183.8940, 13.8563, -57.7890**.

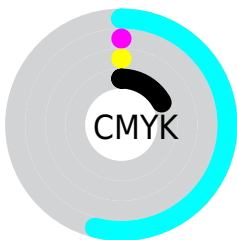
Distribution



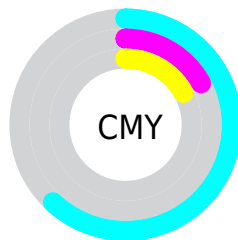
- Red (38%)
- Green (83%)
- Blue (83%)



- Red (38%)
- Yellow (61%)
- Blue (83%)



- Cyan (54%)
- Magenta (0%)
- Yellow (0%)
- Black (17%)



- Cyan (62%)
- Magenta (17%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.6150, 16.9518, -70.6994 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 177.6150, 16.9518, -70.6994 by changing the saturation by 10% instead.

■ 177.6150, 16.9518,
-70.6994

■ 177.6150, 16.9518,
-70.6994

255.0000, 0.0000,
0.0000

■ 148.4190, 17.5414,
-73.1585

■ 225.6980, 14.4459,
-60.2481

■ 116.3360, 20.0474,
-83.6097

■ 234.6680, 10.0237,
-41.8048

■ 91.2440, 19.5997,
-80.0210

■ 243.6380, 5.6015,
-23.3615

■ 73.7190, 15.9145,
-64.6516

■ 252.6080, 1.1793,
-4.9182

■ 56.3080, 12.6662,
-49.3821

■ 39.5980, 9.5652,
-34.7274

■ 25.3500, 5.7435,

-22.2319

■ 2.5250, 7.1362,
-2.2144

■ 0.0000, 0.0000,
0.0000

■ 177.6150, 16.9518,
-70.6994

■ 177.6150, 16.9518,
-70.6994

■ 171.3360, 20.0474,
-83.6097

■ 183.8940, 13.8563,
-57.7890

■ 165.0570, 23.1429,
-96.5200

■ 190.1730, 10.7607,
-44.8787

■ 158.4790, 26.3859,
-110.0451

■ 196.7510, 7.5178,
-31.3536

■ 152.2000, 29.4814,
-122.9554

■ 203.0300, 4.4222,
-18.4433

■ 148.6120, 31.2503,
-130.3327

■ 209.3090, 1.3267,
-5.5330

■ 215.5880, -1.7689,
7.3773

■ 221.8670, -4.8644,
20.2876

■ 224.8570, -6.3385,
26.4354

Harmonies

Analogous

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



182.0510, -1.0111, -49.1567



177.6150, 16.9518, -70.6994



179.0460, 30.0503, -71.9543

Triad

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



177.6150, 16.9518, -70.6994



198.8710, 19.2906, 19.4071



194.1030, -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.



177.6150, 16.9518, -70.6994



131.3850, -16.9518, 70.6994

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.



196.3360, -22.8436, 47.0633



177.6150, 16.9518, -70.6994



199.6430, 5.1060, 42.4091

Square

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



177.6150, 16.9518, -70.6994



195.5940, 29.2872, -13.6759



197.5010, -9.6140, 50.4266



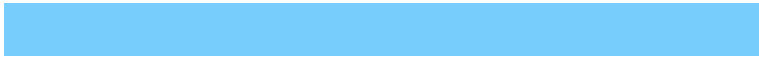
190.7040, -27.9551, 6.3986

Rectangle

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



177.6150, 16.9518, -70.6994



184.6440, 33.2065, -57.5698



197.5010, -9.6140, 50.4266



194.6030, -27.9053, 37.1822

Sweetspot

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



177.6150, 16.9518, -70.6994



242.7410, 6.0437, -25.2059



164.5050, -33.2800, -59.2019



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.



177.6150, 16.9518, -70.6994



205.3660, 24.4696, -102.0530



144.1560, 33.4471, -41.3558



103.7110, 1.6215, -6.7625



119.8710, 25.2066, -105.1269



30.1430, 6.3385, -26.4354

Inverse Universe

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



144.4950, 33.2800, 59.2019



157.5580, 48.0389, 85.4566



165.4310, -33.7365, 40.8410



100.5430, 3.1833, 5.6628



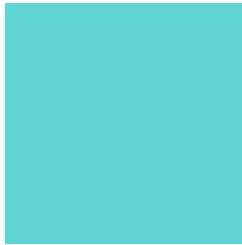
70.6230, 49.4859, 88.0306



17.7590, 12.4438, 22.1364

Previews

White Background



This preview shows how the YUV color 177.6150, 16.9518, -70.6994 looks on a white background.

Color Contrast Check

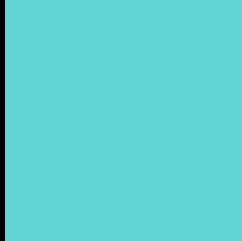
Large Text (above 18pt) WCAG AA × Fail

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 177.6150, 16.9518, -70.6994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

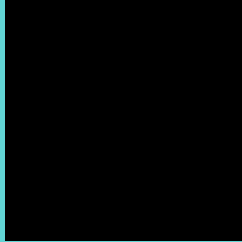
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

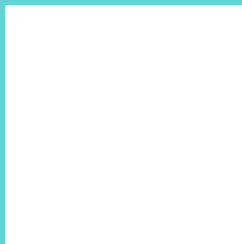
Any Text WCAG AAA ✓ Pass

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

YUV 177.6150, 16.9518, -70.6994 Background



This preview shows how black text looks on a background with the YUV color 177.6150, 16.9518, -70.6994.



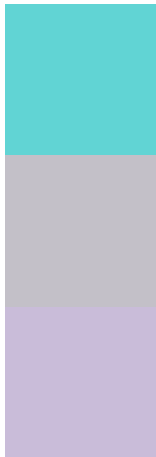
This preview shows how white text looks on a background with the YUV color 177.6150, 16.9518, -70.6994.

-70.6994.

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

177.6150, 16.9518, -70.6994

Protanopia

193.8090, 3.0522, 1.0445

Deuteranopia

195.1930, 10.7509, 5.0927



Tritanopia

179.9450, 23.1981, -67.4808

Trichromacy



Original Color

177.6150, 16.9518, -70.6994

Protanomaly

187.6100, 8.0803, -25.0910

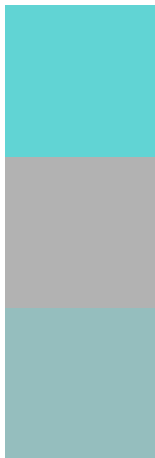
Deuteranomaly

188.8860, 12.8742, -22.7020

Tritanomaly

179.3640, 21.0195, -68.7252

Monochromacy



Original Color

177.6150, 16.9518, -70.6994

Achromatopsia

178.0000, 0.0000, 0.0000

Achromatomaly

177.7410, 6.0437, -25.2059

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.6150, 16.9518, -70.6994 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(97, 212, 212)` looks like.

```
.text, #text, p{  
    color:rgb(97, 212, 212)  
}
```

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(97, 212, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 212, 212) }
```

Border

The CSS property to change the border of an element to YUV 177.6150, 16.9518, -70.6994 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(97, 212, 212) }
```


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

```
.border{ border-color:rgb(97, 212, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 212, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 212, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 212, 212);  
box-shadow:4px 4px 4px 4px rgb(97, 212,  
212) }
```

Background

The CSS property to change the background color of an element to YUV 177.6150, 16.9518, -70.6994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 212, 212) }
```

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

```
.background{ background-color: rgb(97, 212,  
212) }
```

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