

Converting Colors

YUV(176.8670, 14.8556,
-51.6264)

Have a look what the booklet for
YUV(176.8670, 14.8556, -51.6264)
contains.

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Color

**YUV(176.8670, 14.8556,
-51.6264)**

Conversions

Conversions Part 1

Format	Color
Hex	76C9CF
RGB	118, 201, 207
RGB Percent	46%, 79%, 81%
CMY	0.5373, 0.2118, 0.1882
CMYK	0.43, 0.03, 0.00, 0.19
HSL	184°, 48%, 64%
HSV	184°, 43%, 81%
XYZ	39.6203, 50.1298, 66.6193
YIQ	176.8670, -51.3940, -15.7300

Conversions

Conversions Part 2

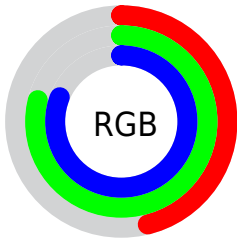
Format	Color
RYB	118, 161, 207
Decimal	7784911
CIELab	76.15, -23.69, -10.91
CIELCh	76, 26.081, 204.733
Yxy	50.1298, 0.2534, 0.3206
Android (android.graphics.Color)	4285974991 (0xFF76C9CF)
YUV	176.8670, 14.8556, -51.6264
Hunter-Lab	70.8024, -24.0174, -6.2253

Details

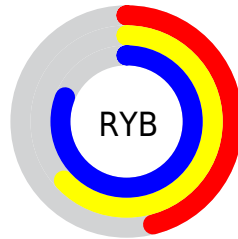
The YUV color $176.8670, 14.8556, -51.6264$ is a light color, and the websafe version is hex $66CCCC$. A complement of this color would be $148.1330, -14.8556, 51.6264$, and the grayscale version is $177.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $231.0800, 11.7926, -49.1822$, and $121.9700, 15.2978, -53.4707$ is the 20% darker color. If you saturate the color by 10%, you get $170.0010, 18.2405, -64.0219$, and if you desaturate by 10%, it is $183.7330, 11.4706, -39.2308$.

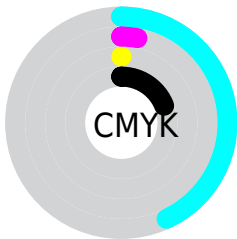
Distribution



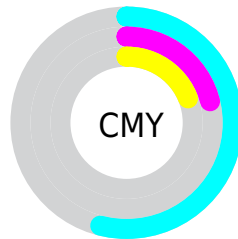
- Red (46%)
- Green (79%)
- Blue (81%)



- Red (46%)
- Yellow (63%)
- Blue (81%)



- Cyan (43%)
- Magenta (3%)
- Yellow (0%)
- Black (19%)



- Cyan (54%)
- Magenta (21%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.8670, 14.8556, -51.6264 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 176.8670, 14.8556, -51.6264 by changing the saturation by 10% instead.

■ 176.8670, 14.8556,
-51.6264

■ 176.8670, 14.8556,
-51.6264

255.0000, 0.0000,
0.0000

■ 148.8670, 14.8556,
-51.6264

■ 231.0800, 11.7926,
-49.1822

■ 121.9700, 15.2978,
-53.4707

■ 239.4520, 7.6652,
-31.9684

■ 93.5780, 16.4770,
-58.3889

■ 248.4220, 3.2430,
-13.5251

■ 67.9800, 16.7719,
-59.6185

■ 51.1560, 13.2341,
-44.8638

■ 35.0330, 9.8437,
-30.7239

■ 21.4860, 6.1694,

-18.8432

■ 1.1400, 4.3680,
-0.9998

■ 0.0000, 0.0000,
0.0000

■ 176.8670, 14.8556,
-51.6264

■ 176.8670, 14.8556,
-51.6264

■ 170.0010, 18.2405,
-64.0219

■ 183.7330, 11.4706,
-39.2308

■ 162.8470, 21.7674,
-75.2878

■ 190.8870, 7.9437,
-27.9649

■ 155.9810, 25.1524,
-87.6833

■ 197.7530, 4.5588,
-15.5694

■ 148.5280, 28.8267,
-99.5641

■ 205.2060, 0.8844,
-3.6887

■ 141.9610, 32.0642,
-111.3448

■ 212.0720, -2.5005,
8.7069

■ 136.8890, 34.5647,
-120.0517

■ 218.6390, -5.7380,
20.4876

■ 223.7000, -8.2331,
27.4501

■ 224.2870, -8.5225,
26.9353

■ 225.4610, -9.1013,
25.9057

Harmonies

Analogous

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



178.2030, 1.8719, -40.5200



176.8670, 14.8556, -51.6264



179.6640, 22.8436, -47.0633

Triad

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



176.8670, 14.8556, -51.6264



191.6340, 12.0124, 20.4920



187.3450, -23.3411, 19.8684

Complementary

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



176.8670, 14.8556, -51.6264



148.1330, -14.8556, 51.6264

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.



189.0570, -19.7481, 34.1530



176.8670, 14.8556, -51.6264



192.0460, 0.4703, 35.9167

Square

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



176.8670, 14.8556, -51.6264



189.3690, 20.5241, -2.9546



190.5060, -10.6025, 40.7752



184.1360, -19.7870, -0.1193

Rectangle

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



176.8670, 14.8556, -51.6264



183.0120, 25.1371, -35.9675



190.5060, -10.6025, 40.7752



187.9050, -22.6312, 25.5163

Sweetspot

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



176.8670, 14.8556, -51.6264



243.9590, 5.4432, -19.2580



170.9270, -23.1350, -46.4170



120.5470, 3.6743, -11.8807



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.



176.8670, 14.8556, -51.6264



209.9500, 22.2097, -77.1321



151.0390, 27.5888, -28.9752



101.1240, 1.9109, -6.2477



111.3110, 27.9477, -97.6197



26.9800, 6.9119, -23.6615

Inverse Universe

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



154.0730, 23.1350, 46.4170



175.9030, 34.5578, 69.3681



173.9610, -27.5888, 28.9752



98.4290, 2.7465, 5.7628



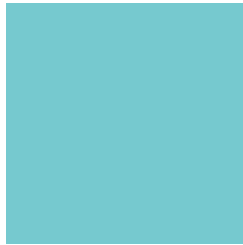
68.1300, 43.8129, 87.5860



16.5910, 10.5546, 21.4067

Previews

White Background



This preview shows how the YUV color 176.8670, 14.8556, -51.6264 looks on a white background.

Color Contrast Check

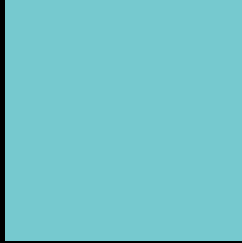
Large Text (above 18pt) WCAG AA × Fail

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 176.8670, 14.8556, -51.6264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

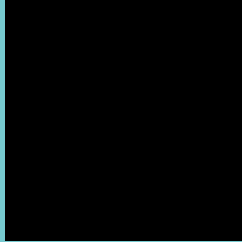
Any Text WCAG AA ✓ Pass

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 176.8670, 14.8556, -51.6264 Background



This preview shows how black text looks on a background with the YUV color 176.8670, 14.8556, -51.6264.



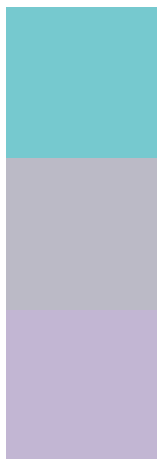
This preview shows how white text looks on a background with the YUV color 176.8670, 14.8556, -51.6264.

-51.6264.

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

176.8670, 14.8556, -51.6264

Protanopia

187.6670, 5.0942, -0.5850

Deuteranopia

188.8940, 10.8983, 4.4780



Tritanopia

178.2030, 18.6339, -50.1670

Trichromacy



Original Color

176.8670, 14.8556, -51.6264

Protanomaly

183.4690, 8.6428, -18.8283

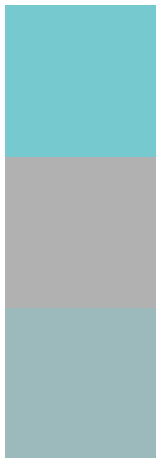
Deuteranomaly

184.5170, 12.5631, -16.2394

Tritanomaly

177.5620, 17.4709, -50.4819

Monochromacy



Original Color

176.8670, 14.8556, -51.6264

Achromatopsia

177.0000, 0.0000, 0.0000

Achromatomaly

177.2580, 5.2958, -18.6433

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.8670, 14.8556, -51.6264 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(118, 201, 207)` looks like.

```
.text, #text, p{  
    color:rgb(118, 201, 207)  
}
```

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(118, 201, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 201, 207) }
```

Border

The CSS property to change the border of an element to YUV 176.8670, 14.8556, -51.6264 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(118, 201, 207) }
```


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

```
.border{ border-color:rgb(118, 201, 207) }
```

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

Here you see how a box with a 4 pixel rgb(118, 201, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 201, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 201, 207);  
box-shadow:4px 4px 4px 4px rgb(118, 201,  
207) }
```

Background

The CSS property to change the background color of an element to YUV 176.8670, 14.8556, -51.6264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 201, 207) }
```

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

```
.background{ background-color: rgb(118,  
201, 207) }
```

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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