

Converting Colors

YUV(176.2030, 15.1829,
-63.3220)

Have a look what the booklet for
YUV(176.2030, 15.1829, -63.3220)
contains.

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Color

**YUV(176.2030, 15.1829,
-63.3220)**

Conversions

Conversions Part 1

Format	Color
Hex	68CFCF
RGB	104, 207, 207
RGB Percent	41%, 81%, 81%
CMY	0.5922, 0.1882, 0.1882
CMYK	0.50, 0.00, 0.00, 0.19
HSL	180°, 52%, 61%
HSV	180°, 50%, 81%
XYZ	39.2842, 52.0737, 67.0122
YIQ	176.2030, -61.3880, -21.8360

Conversions

Conversions Part 2

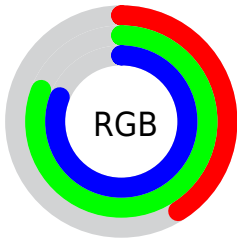
Format	Color
RYB	104, 156, 207
Decimal	6868943
CIELab	77.32, -29.82, -9.22
CIELCh	77, 31.209, 197.178
Yxy	52.0737, 0.2481, 0.3288
Android (android.graphics.Color)	4285059023 (0xFF68CFCF)
YUV	176.2030, 15.1829, -63.3220
Hunter-Lab	72.1621, -29.1103, -4.5453

Details

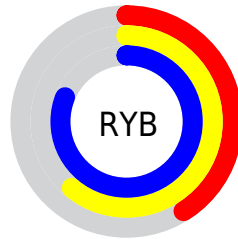
The YUV color **176.2030, 15.1829, -63.3220** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **134.7970, -15.1829, 63.3220**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.1930, 13.7089, -57.1743**, and **118.3270, 17.0938, -69.5698** is the 20% darker color. If you saturate the color by 10%, you get **169.9240, 18.2785, -76.2323**, and if you desaturate by 10%, it is **182.4820, 12.0874, -50.4117**.

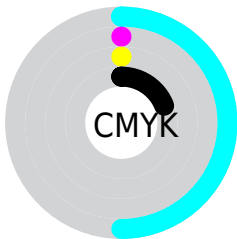
Distribution



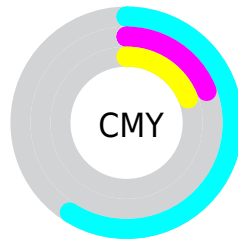
- Red (41%)
- Green (81%)
- Blue (81%)



- Red (41%)
- Yellow (61%)
- Blue (81%)



- Cyan (50%)
- Magenta (0%)
- Yellow (0%)
- Black (19%)



- Cyan (59%)
- Magenta (19%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.2030, 15.1829, -63.3220 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 176.2030, 15.1829, -63.3220 by changing the saturation by 10% instead.

■ 176.2030, 15.1829,
-63.3220

■ 176.2030, 15.1829,
-63.3220

255.0000, 0.0000,
0.0000

■ 147.6050, 15.4777,
-64.5516

■ 227.1930, 13.7089,
-57.1743

■ 118.3270, 17.0938,
-69.5698

■ 236.1630, 9.2866,
-38.7310

■ 88.4400, 19.0101,
-77.5619

■ 244.8340, 5.0118,
-20.9024

■ 70.9150, 15.3249,
-62.1925

■ 253.8040, 0.5896,
-2.4591

■ 53.5040, 12.0765,
-46.9230

■ 37.3810, 8.6862,
-32.7831

■ 23.2470, 5.3012,

-20.3876

■ 1.2540, 4.8048,
-1.0998

■ 0.0000, 0.0000,
0.0000

■ 176.2030, 15.1829,
-63.3220

■ 176.2030, 15.1829,
-63.3220

■ 169.9240, 18.2785,
-76.2323

■ 182.4820, 12.0874,
-50.4117

■ 163.9440, 21.2266,
-88.5279

■ 188.4620, 9.1392,
-38.1162

■ 157.6650, 24.3222,
-101.4382

■ 194.7410, 6.0437,
-25.2059

■ 151.3860, 27.4177,
-114.3485

■ 201.0200, 2.9481,
-12.2955

■ 145.4060, 30.3658,
-126.6441

■ 207.2990, -0.1474,
0.6148

■ 145.1070, 30.5132,
-127.2588

■ 213.2790, -3.0955,
12.9103

■ 219.5580, -6.1911,
25.8206

■ 221.3520, -7.0755,
29.5093

Harmonies

Analogous

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



179.6710, -1.3168, -44.4385



176.2030, 15.1829, -63.3220



177.5910, 26.8236, -63.6623

Triad

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



176.2030, 15.1829, -63.3220



195.4040, 17.5488, 18.0627



190.6620, -27.4414, 28.3604

Complementary

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



176.2030, 15.1829, -63.3220



134.7970, -15.1829, 63.3220

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.



193.0690, -21.2330, 43.7895



176.2030, 15.1829, -63.3220



195.5070, 4.6800, 39.0204

Square

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



176.2030, 15.1829, -63.3220



191.6220, 26.8084, -11.9465



194.1910, -9.4612, 48.0675



187.5730, -25.9185, 6.5135

Rectangle

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



176.2030, 15.1829, -63.3220



182.2920, 30.4220, -51.1221



194.1910, -9.4612, 48.0675



191.6350, -26.4421, 34.5231

Sweetspot

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



176.2030, 15.1829, -63.3220



243.6380, 5.6015, -23.3615



164.4610, -29.8073, -53.0243



121.1230, 3.3904, -14.1399



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.



176.2030, 15.1829, -63.3220



209.2530, 22.5533, -94.0609



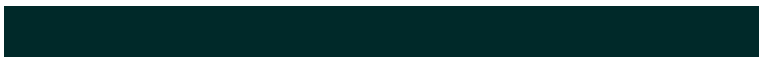
146.2660, 29.9419, -37.0673



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.



146.5390, 29.8073, 53.0243



165.1890, 44.2768, 78.7642



165.3210, -30.2313, 36.5525



98.5430, 3.1833, 5.6628



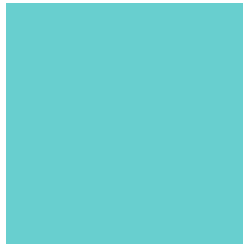
69.3840, 48.6177, 86.4862



16.9330, 11.8650, 21.1068

Previews

White Background



This preview shows how the YUV color 176.2030, 15.1829, -63.3220 looks on a white background.

Color Contrast Check

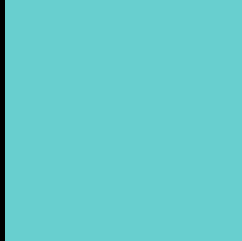
Large Text (above 18pt) WCAG AA × Fail

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 176.2030, 15.1829, -63.3220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

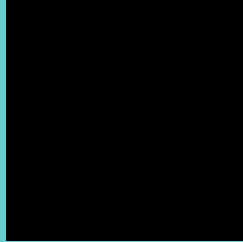
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

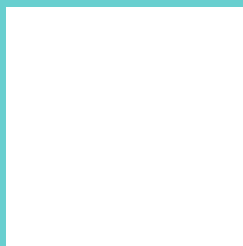
Any Text WCAG AAA ✓ Pass

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

YUV 176.2030, 15.1829, -63.3220 Background



This preview shows how black text looks on a background with the YUV color 176.2030, 15.1829, -63.3220.



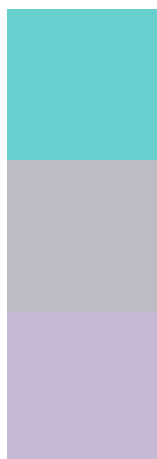
This preview shows how white text looks on a background with the YUV color 176.2030, 15.1829, -63.3220.

-63.3220.

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

176.2030, 15.1829, -63.3220

Protanopia

190.3960, 2.7628, 0.5297

Deuteranopia

191.9650, 9.8773, 5.2927



Tritanopia

178.1200, 21.1398, -60.6182

Trichromacy



Original Color

176.2030, 15.1829, -63.3220

Protanomaly

185.3930, 7.2013, -23.1467

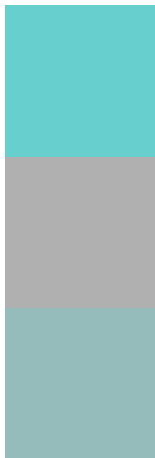
Deuteranomaly

186.2670, 11.7004, -19.5282

Tritanomaly

177.5390, 18.9613, -61.8627

Monochromacy



Original Color

176.2030, 15.1829, -63.3220

Achromatopsia

176.0000, 0.0000, 0.0000

Achromatomaly

175.9370, 5.4541, -22.7467

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.2030, 15.1829, -63.3220 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(104, 207, 207)` looks like.

```
.text, #text, p{  
    color:rgb(104, 207, 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(104, 207, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 207, 207) }
```

Border

The CSS property to change the border of an element to YUV 176.2030, 15.1829, -63.3220 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(104, 207, 207) }
```


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

```
.border{ border-color:rgb(104, 207, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 207, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 207, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 207, 207);  
box-shadow:4px 4px 4px 4px rgb(104, 207,  
207) }
```

Background

The CSS property to change the background color of an element to YUV 176.2030, 15.1829, -63.3220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 207, 207) }
```

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

```
.background{ background-color: rgb(104,  
207, 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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