

Converting Colors

YUV(179.0690, 8.3470,
-64.0815)

Have a look what the booklet for
YUV(179.0690, 8.3470, -64.0815)
contains.

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Color

**YUV(179.0690, 8.3470,
-64.0815)**

Conversions

Conversions Part 1

Format	Color
Hex	6AD5C4
RGB	106, 213, 196
RGB Percent	42%, 84%, 77%
CMY	0.5843, 0.1647, 0.2314
CMYK	0.50, 0.00, 0.08, 0.16
HSL	170°, 56%, 63%
HSV	170°, 50%, 84%
XYZ	39.7019, 54.6382, 60.6783
YIQ	179.0690, -58.3150, -27.9710

Conversions

Conversions Part 2

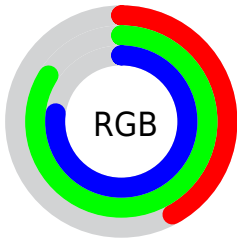
Format	Color
RYB	106, 164, 213
Decimal	7001540
CIELab	78.83, -35.00, -1.08
CIELCh	79, 35.016, 181.767
Yxy	54.6382, 0.2561, 0.3525
Android (android.graphics.Color)	4285191620 (0xFF6AD5C4)
YUV	179.0690, 8.3470, -64.0815
Hunter-Lab	73.9177, -33.4817, 3.0718

Details

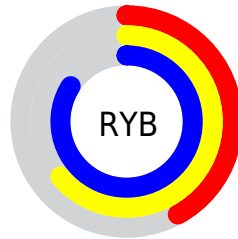
The YUV color **179.0690, 8.3470, -64.0815** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **139.9310, -8.3470, 64.0815**, and the grayscale version is **179.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.5630, 12.5404, -55.7448**, and **121.7910, 9.9630, -69.0997** is the 20% darker color. If you saturate the color by 10%, you get **172.4480, 10.1321, -76.6919**, and if you desaturate by 10%, it is **185.6900, 6.5618, -51.4711**.

Distribution



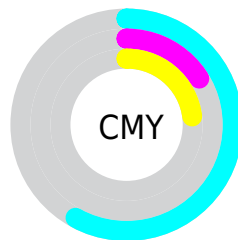
- Red (42%)
- Green (84%)
- Blue (77%)



- Red (42%)
- Yellow (64%)
- Blue (84%)



- Cyan (50%)
- Magenta (0%)
- Yellow (8%)
- Black (16%)



- Cyan (58%)
- Magenta (16%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 179.0690, 8.3470, -64.0815 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 179.0690, 8.3470, -64.0815 by changing the saturation by 10% instead.


 179.0690, 8.3470,
-64.0815

 179.0690, 8.3470,
-64.0815


255.0000, 0.0000,
0.0000


 150.5850, 9.0786,
-65.4110


 227.5630, 12.5404,
-55.7448

 121.7910, 9.9630,
-69.0997


 236.4620, 9.1392,
-38.1162


 90.2350, 13.1951,
-79.1361

 245.4320, 4.7170,
-19.6729

 72.7100, 9.5100,
-63.7667

254.4020, 0.2948,
-1.2296

 55.4130, 6.6984,
-48.5972

 38.8170, 4.0342,
-34.0425

 24.6830, 0.6493,

-21.6470

■ 0.0000, 0.0000,
0.0000

■ 179.0690, 8.3470,
-64.0815

■ 179.0690, 8.3470,
-64.0815

■ 172.4480, 10.1321,
-76.6919

■ 185.6900, 6.5618,
-51.4711

■ 165.4140, 11.6279,
-89.8171

■ 192.7240, 5.0661,
-38.3459

■ 158.7930, 13.4131,
-102.4275

■ 199.3450, 3.2809,
-25.7356

■ 152.0580, 14.7614,
-114.9379

■ 206.0800, 1.9326,
-13.2252

■ 145.4370, 16.5466,
-127.5482

■ 213.0000, 0.0000,
0.0000

■ 219.6210, -1.7852,
12.6104

■ 226.3560, -3.1335,
25.1208

■ 226.6980, -1.8231,
24.8209

■ 227.0400, -0.5127,
24.5209

Harmonies

Analogous

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



184.6090, -10.6532, -36.4911



179.0690, 8.3470, -64.0815



176.1500, 25.5621, -79.0615

Triad

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



179.0690, 8.3470, -64.0815



198.0800, 25.5966, 3.4378



195.9240, -28.0635, 41.2857

Complementary

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



179.0690, 8.3470, -64.0815



139.9310, -8.3470, 64.0815

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.



196.8510, -17.1815, 50.9967



179.0690, 8.3470, -64.0815



200.3520, 13.1375, 33.0173

Square

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



179.0690, 8.3470, -64.0815



191.6410, 31.2360, -32.1342



198.7380, -2.3358, 49.3418



193.2820, -31.1980, 19.9237

Rectangle

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



179.0690, 8.3470, -64.0815



179.3170, 32.3817, -73.0690



198.7380, -2.3358, 49.3418



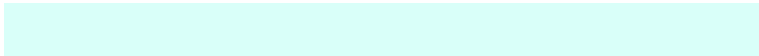
196.3530, -25.3170, 47.0484

Sweetspot

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



179.0690, 8.3470, -64.0815



242.9540, 2.9807, -22.7617



174.1910, -33.6182, -44.0175



120.6670, 1.6432, -13.7400



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.



179.0690, 8.3470, -64.0815



206.5170, 12.0701, -91.6614



159.8750, 26.1906, -47.2484



103.4830, 0.7479, -6.5626



116.7930, 13.4131, -102.4275



29.3450, 3.2809, -25.7356

Inverse Universe

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



139.9310, -8.3470, 64.0815



150.4830, -12.0701, 91.6614



159.1250, -26.1906, 47.2484



99.5170, -0.7479, 6.5626



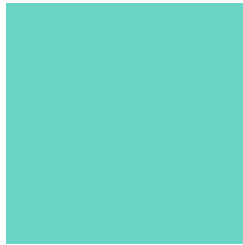
54.2070, -13.4131, 102.4275



13.6550, -3.2809, 25.7356

Previews

White Background



This preview shows how the YUV color 179.0690, 8.3470, -64.0815 looks on a white background.

Color Contrast Check

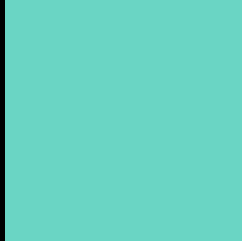
Large Text (above 18pt) WCAG AA × Fail

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 179.0690, 8.3470, -64.0815 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

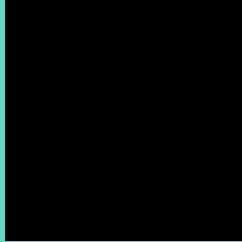
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

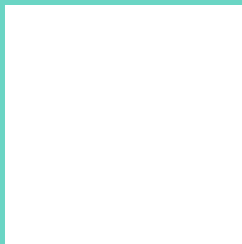
Any Text WCAG AAA ✓ Pass

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

YUV 179.0690, 8.3470, -64.0815 Background



This preview shows how black text looks on a background with the YUV color 179.0690, 8.3470, -64.0815.



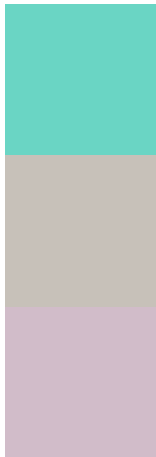
This preview shows how white text looks on a background with the YUV color 179.0690, 8.3470,

-64.0815.

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

179.0690, 8.3470, -64.0815

Protanopia

193.8820, -4.3788, 4.4885

Deuteranopia

195.7610, 2.5828, 11.6106



Tritanopia

182.8320, 21.2818, -59.4887

Trichromacy



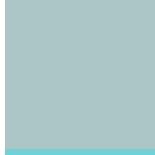
Original Color

179.0690, 8.3470, -64.0815



Protanomaly

188.2810, 0.3545, -20.4174



Deuteranomaly

189.7530, 4.5588, -15.5694



Tritanomaly

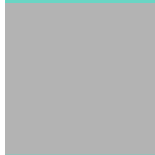
181.2680, 16.6299, -60.7480

Monochromacy



Original Color

179.0690, 8.3470, -64.0815



Achromatopsia

179.0000, 0.0000, 0.0000



Achromatomaly

178.6550, 3.1281, -23.3764

CSS Examples

Text

The CSS property to change the color of the text to YUV 179.0690, 8.3470, -64.0815 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(106, 213, 196)` looks like.

```
.text, #text, p{  
    color:rgb(106, 213, 196)  
}
```

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(106, 213, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 213, 196) }
```

Border

The CSS property to change the border of an element to YUV 179.0690, 8.3470, -64.0815 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(106, 213, 196) }
```


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

```
.border{ border-color:rgb(106, 213, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 213, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 213, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 213, 196);  
box-shadow:4px 4px 4px 4px rgb(106, 213,  
196) }
```

Background

The CSS property to change the background color of an element to YUV 179.0690, 8.3470, -64.0815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 213, 196) }
```

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

```
.background{ background-color: rgb(106,  
213, 196) }
```

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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