

Converting Colors

YUV(177.8440, 16.3459,
-63.0072)

Have a look what the booklet for
YUV(177.8440, 16.3459, -63.0072)
contains.

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Color

**YUV(177.8440, 16.3459,
-63.0072)**

Conversions

Conversions Part 1

Format	Color
Hex	6AD0D3
RGB	106, 208, 211
RGB Percent	42%, 82%, 83%
CMY	0.5843, 0.1843, 0.1725
CMYK	0.50, 0.01, 0.00, 0.17
HSL	182°, 54%, 62%
HSV	182°, 50%, 83%
XYZ	40.2576, 52.8791, 69.7129
YIQ	177.8440, -61.7550, -20.6910

Conversions

Conversions Part 2

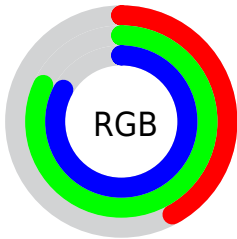
Format	Color
R _{YB}	106, 158, 211
Decimal	7000275
CIE Lab	77.80, -28.83, -10.65
CIE LCh	78, 30.732, 200.271
Yxy	52.8791, 0.2472, 0.3247
Android (android.graphics.Color)	4285190355 (0xFF6AD0D3)
YUV	177.8440, 16.3459, -63.0072
Hunter-Lab	72.7180, -28.4366, -5.9372

Details

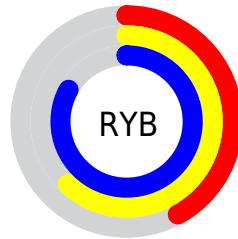
The YUV color **177.8440, 16.3459, -63.0072** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **139.1560, -16.3459, 63.0072**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.7910, 13.4140, -55.9447**, and **120.2670, 18.1094, -68.6402** is the 20% darker color. If you saturate the color by 10%, you get **170.9780, 19.7308, -75.4027**, and if you desaturate by 10%, it is **184.7100, 12.9610, -50.6117**.

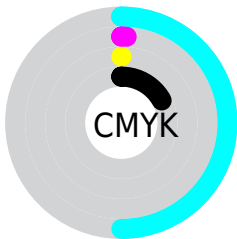
Distribution



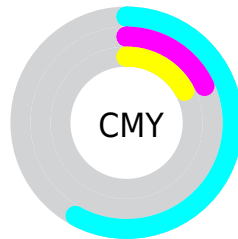
- Red (42%)
- Green (82%)
- Blue (83%)



- Red (42%)
- Yellow (62%)
- Blue (83%)



- Cyan (50%)
- Magenta (1%)
- Yellow (0%)
- Black (17%)



- Cyan (58%)
- Magenta (18%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.8440, 16.3459, -63.0072 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 177.8440, 16.3459, -63.0072 by changing the saturation by 10% instead.

■ 177.8440, 16.3459,
-63.0072

■ 177.8440, 16.3459,
-63.0072

255.0000, 0.0000,
0.0000

■ 149.2460, 16.6407,
-64.2367

■ 227.7910, 13.4140,
-55.9447

■ 120.2670, 18.1094,
-68.6402

■ 236.7610, 8.9918,
-37.5014

■ 89.3690, 20.0311,
-78.3766

■ 245.4320, 4.7170,
-19.6729

■ 71.8440, 16.3459,
-63.0072

254.4020, 0.2948,
-1.2296

■ 54.4330, 13.0975,
-47.7377

■ 38.3100, 9.7072,
-33.5979

■ 24.1760, 6.3222,

-21.2024

■ 2.4110, 6.6994,
-2.1144

■ 0.0000, 0.0000,
0.0000

■ 177.8440, 16.3459,
-63.0072

■ 177.8440, 16.3459,
-63.0072

■ 170.9780, 19.7308,
-75.4027

■ 184.7100, 12.9610,
-50.6117

■ 164.6990, 22.8264,
-88.3130

■ 190.9890, 9.8654,
-37.7014

■ 157.8330, 26.2113,
-100.7085

■ 197.8550, 6.4805,
-25.3058

■ 151.5540, 29.3069,
-113.6189

■ 204.1340, 3.3849,
-12.3955

■ 144.6880, 32.6918,
-126.0144

■ 211.2990, -0.1474,
0.6148

■ 144.3890, 32.8392,
-126.6292

■ 218.1650, -3.5323,
13.0103

■ 224.4440, -6.6279,
25.9206

■ 225.3300, -7.0647,
26.0206

Harmonies

Analogous

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



181.1160, 0.4358, -46.5827



177.8440, 16.3459, -63.0072



180.3140, 26.9602, -60.7884

Triad

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



177.8440, 16.3459, -63.0072



196.9590, 15.7962, 20.2070



191.3520, -27.2885, 26.0013

Complementary

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



177.8440, 16.3459, -63.0072



139.1560, -16.3459, 63.0072

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.



193.9440, -21.6644, 42.1451



177.8440, 16.3459, -63.0072



196.7630, 3.0748, 40.5498

Square

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



177.8440, 16.3459, -63.0072



193.4160, 25.9239, -8.2578



195.5500, -10.6242, 47.7526



189.0780, -25.1815, 3.4396

Rectangle

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



177.8440, 16.3459, -63.0072



184.2000, 29.9744, -47.5334



195.5500, -10.6242, 47.7526



192.3250, -26.2892, 32.1640

Sweetspot

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



177.8440, 16.3459, -63.0072



243.0510, 5.8909, -22.8467



167.8630, -29.5125, -54.2539



120.5360, 3.6798, -13.6251



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.



177.8440, 16.3459, -63.0072



206.9050, 23.7108, -92.0017



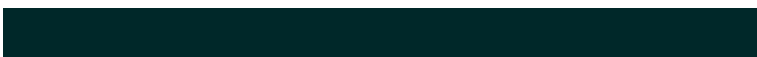
147.9070, 31.1048, -36.7524



101.1240, 1.9109, -6.2477



114.8330, 26.2113, -100.7085



28.1540, 6.3331, -24.6911

Inverse Universe

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



149.0230, 29.0757, 54.3538



164.7330, 42.5296, 79.1642



169.0930, -31.1048, 36.7524



98.4290, 2.7465, 5.7628



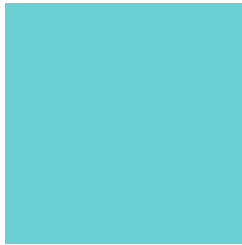
68.8140, 46.4337, 86.9861



16.8190, 11.4282, 21.2067

Previews

White Background



This preview shows how the YUV color 177.8440, 16.3459, -63.0072 looks on a white background.

Color Contrast Check

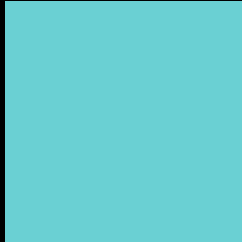
Large Text (above 18pt) WCAG AA × Fail

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 177.8440, 16.3459, -63.0072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

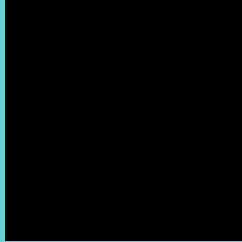
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 177.8440, 16.3459, -63.0072

Background



This preview shows how black text looks on a background with the YUV color 177.8440, 16.3459, -63.0072.

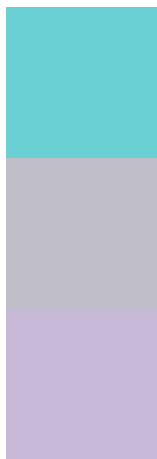


This preview shows how white text looks on a background with the YUV color 177.8440, 16.3459, -63.0072.

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

177.8440, 16.3459, -63.0072

Protanopia

191.7380, 4.0732, 0.2298

Deuteranopia

193.0080, 11.3351, 4.3780



Tritanopia

179.2340, 21.5766, -60.7182

Trichromacy



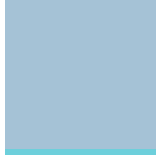
Original Color

177.8440, 16.3459, -63.0072



Protanomaly

187.0340, 8.3642, -22.8318



Deuteranomaly

187.6090, 13.0108, -19.8281



Tritanomaly

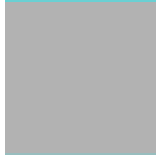
179.0660, 19.6875, -61.4479

Monochromacy



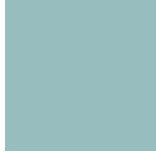
Original Color

177.8440, 16.3459, -63.0072



Achromatopsia

178.0000, 0.0000, 0.0000



Achromatomaly

178.0510, 5.8909, -22.8467

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.8440, 16.3459, -63.0072 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, 208, 211)` looks like.

```
.text, #text, p{  
    color:rgb(106, 208, 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(106, 208, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 208, 211) }
```

Border

The CSS property to change the border of an element to YUV 177.8440, 16.3459, -63.0072 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, 208, 211) }
```


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

```
.border{ border-color:rgb(106, 208, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 208, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 208, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 208, 211);  
box-shadow:4px 4px 4px 4px rgb(106, 208,  
211) }
```

Background

The CSS property to change the background color of an element to YUV 177.8440, 16.3459, -63.0072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 208, 211) }
```

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

```
.background{ background-color: rgb(106,  
208, 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](#).

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