

Converting Colors

YUV(176.1520, 22.6031,
-63.2773)

Have a look what the booklet for
YUV(176.1520, 22.6031, -63.2773)
contains.

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Color

**YUV(176.1520, 22.6031,
-63.2773)**

Conversions

Conversions Part 1

Format	Color
Hex	68CCDE
RGB	104, 204, 222
RGB Percent	41%, 80%, 87%
CMY	0.5922, 0.2000, 0.1294
CMYK	0.53, 0.08, 0.00, 0.13
HSL	189°, 64%, 64%
HSV	189°, 53%, 87%
XYZ	40.4866, 51.4027, 76.8951
YIQ	176.1520, -65.3780, -15.6020

Conversions

Conversions Part 2

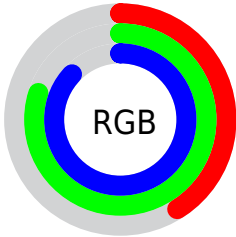
Format	Color
RYB	104, 158, 222
Decimal	6868190
CIELab	76.92, -24.32, -17.89
CIElCh	77, 30.193, 216.345
Yxy	51.4027, 0.2399, 0.3045
Android (android.graphics.Color)	4285058270 (0xFF68CCDE)
YUV	176.1520, 22.6031, -63.2773
Hunter-Lab	71.6957, -24.6684, -13.4028

Details

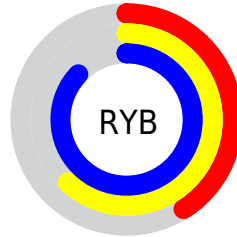
The YUV color **176.1520, 22.6031, -63.2773** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **149.8480, -22.6031, 63.2773**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.4920, 13.5614, -56.5595**, and **117.8520, 24.2300, -71.7842** is the 20% darker color. If you saturate the color by 10%, you get **167.8130, 26.7142, -75.2580**, and if you desaturate by 10%, it is **184.4910, 18.4919, -51.2966**.

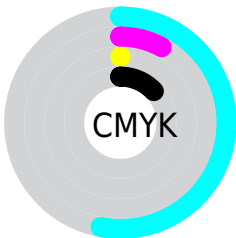
Distribution



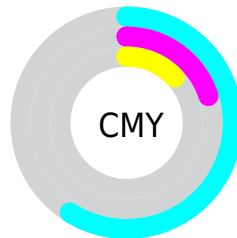
- Red (41%)
- Green (80%)
- Blue (87%)



- Red (41%)
- Yellow (62%)
- Blue (87%)



- Cyan (53%)
- Magenta (8%)
- Yellow (0%)
- Black (13%)



- Cyan (59%)
- Magenta (20%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.1520, 22.6031, -63.2773 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 176.1520, 22.6031, -63.2773 by changing the saturation by 10% instead.

■ 176.1520, 22.6031,
-63.2773

■ 176.1520, 22.6031,
-63.2773

255.0000, 0.0000,
0.0000

■ 147.2550, 23.0453,
-65.1216

■ 227.4920, 13.5614,
-56.5595

■ 117.8520, 24.2300,
-71.7842

■ 236.4620, 9.1392,
-38.1162

■ 88.7480, 25.2672,
-77.8320

■ 245.1330, 4.8644,
-20.2876

■ 70.6360, 21.8715,
-61.9478

254.1030, 0.4422,
-1.8443

■ 53.6980, 17.8969,
-47.0931

■ 37.5750, 14.5065,
-32.9533

■ 23.9140, 10.3954,

-20.9726

■ 3.3230, 10.1938,
-2.9143

■ 0.0000, 0.0000,
0.0000

■ 176.1520, 22.6031,
-63.2773

■ 176.1520, 22.6031,
-63.2773

■ 167.8130, 26.7142,
-75.2580

■ 184.4910, 18.4919,
-51.2966

■ 158.8870, 31.1147,
-86.7239

■ 193.4170, 14.0914,
-39.8307

■ 150.2490, 35.3732,
-99.3194

■ 202.0550, 9.8329,
-27.2352

■ 141.3230, 39.7738,
-110.7853

■ 210.9810, 5.4324,
-15.7693

■ 135.6640, 42.5636,
-118.9773

■ 219.3200, 1.3212,
-3.7886

■ 227.6590, -2.7899,
8.1921

■ 235.3890, -6.6008,
17.1988

■ 237.1500, -7.4689,
15.6545

■ 238.9110, -8.3371,
14.1101

Harmonies

Analogous

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



176.9390, 8.9041, -56.0745



176.1520, 22.6031, -63.2773



181.5480, 28.8168, -49.5926

Triad

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



176.1520, 22.6031, -63.2773



194.3150, 9.2117, 32.1727



187.8020, -26.5244, 14.2056

Complementary

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



176.1520, 22.6031, -63.2773



149.8480, -22.6031, 63.2773

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.



190.5640, -25.4211, 33.7084



176.1520, 22.6031, -63.2773



193.5480, -4.2142, 45.1234

Square

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



176.1520, 22.6031, -63.2773



193.4350, 20.4915, 7.5115



192.5190, -17.0179, 45.1488



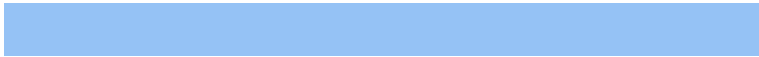
184.3690, -19.9019, -9.9706

Rectangle

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



176.1520, 22.6031, -63.2773



186.3590, 28.9100, -32.7638



192.5190, -17.0179, 45.1488



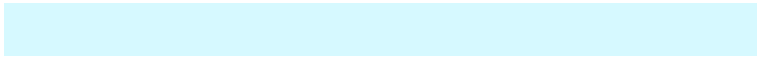
188.7320, -26.9829, 21.2830

Sweetspot

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



176.1520, 22.6031, -63.2773



239.2190, 7.7800, -22.1171



175.3180, -26.2858, -62.5459



118.1770, 4.8427, -13.3102



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.



176.1520, 22.6031, -63.2773



191.5880, 31.2621, -87.3387



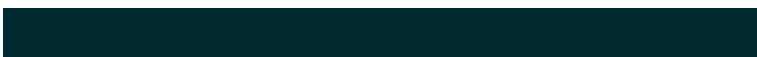
141.5190, 39.6771, -32.9042



107.5370, 2.2003, -5.7329



107.5270, 33.7572, -94.3012



29.5390, 9.1013, -25.9057

Inverse Universe

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



150.6820, 26.2858, 62.5459



156.4690, 36.2508, 86.4117



184.4810, -39.6771, 32.9042



105.3150, 2.3097, 5.8627



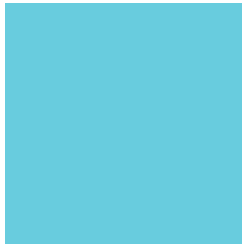
69.6100, 39.1393, 93.3040



19.0260, 10.8332, 25.4102

Previews

White Background



This preview shows how the YUV color 176.1520, 22.6031, -63.2773 looks on a white background.

Color Contrast Check

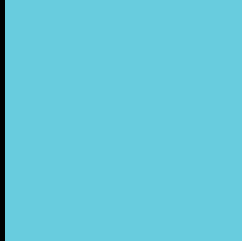
Large Text (above 18pt) WCAG AA × Fail

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 176.1520, 22.6031, -63.2773 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 176.1520, 22.6031, -63.2773

Background



This preview shows how black text looks on a background with the YUV color 176.1520, 22.6031, -63.2773.



This preview shows how white text looks on a background with the YUV color 176.1520, 22.6031, -63.2773.

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

176.1520, 22.6031, -63.2773

Protanopia

189.1380, 10.7780, -3.6290

Deuteranopia

190.8700, 17.3191, -1.6400



Tritanopia

176.0380, 22.1663, -63.1773

Trichromacy



Original Color

176.1520, 22.6031, -63.2773

Protanomaly

184.4450, 15.0636, -24.9463

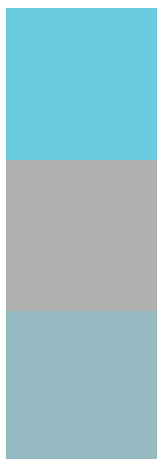
Deuteranomaly

185.5960, 19.4262, -24.2017

Tritanomaly

176.0380, 22.1663, -63.1773

Monochromacy



Original Color

176.1520, 22.6031, -63.2773

Achromatopsia

176.0000, 0.0000, 0.0000

Achromatomaly

176.0340, 8.3642, -22.8318

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.1520, 22.6031, -63.2773 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, 204, 222)` looks like.

```
.text, #text, p{  
    color:rgb(104, 204, 222)  
}
```

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, 204, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 204, 222) }
```

Border

The CSS property to change the border of an element to YUV 176.1520, 22.6031, -63.2773 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, 204, 222) }
```


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

```
.border{ border-color:rgb(104, 204, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 204, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 204, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 204, 222);  
box-shadow:4px 4px 4px 4px rgb(104, 204,  
222) }
```

Background

The CSS property to change the background color of an element to YUV 176.1520, 22.6031, -63.2773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 204, 222) }
```

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

```
.background{ background-color: rgb(104,  
204, 222) }
```

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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