

Converting Colors

YUV(193.4670, 4.6998,
-60.9226)

Have a look what the booklet for
YUV(193.4670, 4.6998, -60.9226)
contains.

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Color

**YUV(193.4670, 4.6998,
-60.9226)**

Conversions

Conversions Part 1

Format	Color
Hex	7CE3CB
RGB	124, 227, 203
RGB Percent	49%, 89%, 80%
CMY	0.5137, 0.1098, 0.2039
CMYK	0.45, 0.00, 0.11, 0.11
HSL	166°, 65%, 69%
HSV	166°, 45%, 89%
XYZ	46.5608, 63.5351, 66.3094
YIQ	193.4670, -53.6840, -29.3000

Conversions

Conversions Part 2

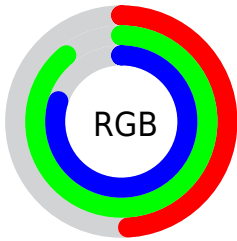
Format	Color
RYB	124, 182, 227
Decimal	8184779
CIELab	83.72, -35.69, 2.41
CIELCh	84, 35.770, 176.135
Yxy	63.5351, 0.2639, 0.3602
Android (android.graphics.Color)	4286374859 (0xFF7CE3CB)
YUV	193.4670, 4.6998, -60.9226
Hunter-Lab	79.7089, -35.2224, 6.4732

Details

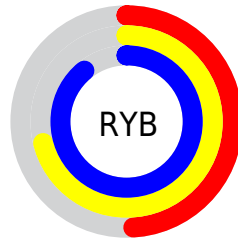
The YUV color **193.4670, 4.6998, -60.9226** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **157.5330, -4.6998, 60.9226**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.1730, 10.7607, -44.8787**, and **136.7980, 6.0156, -62.9668** is the 20% darker color. If you saturate the color by 10%, you get **186.0200, 5.9061, -74.5625**, and if you desaturate by 10%, it is **200.9140, 3.4934, -47.2826**.

Distribution



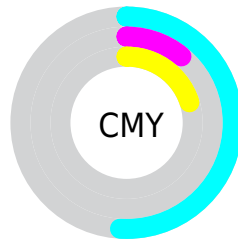
- Red (49%)
- Green (89%)
- Blue (80%)



- Red (49%)
- Yellow (71%)
- Blue (89%)



- Cyan (45%)
- Magenta (0%)
- Yellow (11%)
- Black (11%)



- Cyan (51%)
- Magenta (11%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.4670, 4.6998, -60.9226 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 193.4670, 4.6998, -60.9226 by changing the saturation by 10% instead.

■ 193.4670, 4.6998,
-60.9226

■ 193.4670, 4.6998,
-60.9226

■ 255.0000, 0.0000,
0.0000

■ 165.2820, 5.2840,
-61.6373

■ 233.1730, 10.7607,
-44.8787

■ 136.7980, 6.0156,
-62.9668

■ 241.8440, 6.4859,
-27.0502

■ 107.5200, 7.6316,
-67.9850

■ 250.5150, 2.2111,
-9.2217

■ 80.4380, 8.6581,
-70.5441

■ 63.1410, 5.8465,
-55.3747

■ 45.8440, 3.0349,
-40.2052

■ 29.9490, 0.5181,

-26.2653

■ 13.7120, -3.3090,
-12.0254

■ 0.0000, 0.0000,
0.0000

■ 193.4670, 4.6998,
-60.9226

■ 193.4670, 4.6998,
-60.9226

■ 186.0200, 5.9061,
-74.5625

■ 200.9140, 3.4934,
-47.2826

■ 178.7580, 6.5283,
-87.4878


■ 208.1760, 2.8712,
-34.3574


■ 171.3110, 7.7347,
-101.1277

■ 215.6230, 1.6649,
-20.7174

■ 163.8640, 8.9410,
-114.7677

■ 223.0700, 0.4585,
-7.0774

 156.7160, 10.0000,
-127.7929


 230.5170, -0.7479,
6.5626

 153.0850, 10.3111,
-134.2555

 236.2840, -0.6330,
16.4139

 236.8540, 1.5510,
15.9140

 237.4240, 3.7350,
15.4142

 238.1080, 6.3558,
14.8143

Harmonies

Analogous

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



198.7190, -14.1585, -32.2026



193.4670, 4.6998, -60.9226



189.8680, 23.2361, -79.6912

Triad

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



193.4670, 4.6998, -60.9226



209.5370, 22.4133, -2.2249



207.6790, -26.4637, 41.5005

Complementary

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



193.4670, 4.6998, -60.9226



157.5330, -4.6998, 60.9226

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.



205.4740, -12.0657, 43.4343



193.4670, 4.6998, -60.9226



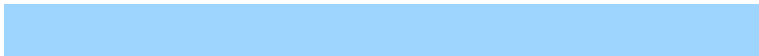
213.8400, 16.3479, 29.9583

Square

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



193.4670, 4.6998, -60.9226



201.3430, 26.4529, -38.0118



208.6490, 2.6380, 40.6498



207.0870, -32.0879, 25.3567

Rectangle

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



193.4670, 4.6998, -60.9226



191.3550, 31.3770, -77.4873



208.6490, 2.6380, 40.6498



206.2430, -21.8118, 42.7599

Sweetspot

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



193.4670, 4.6998, -60.9226



243.3240, 1.8123, -21.3321



191.6370, -33.3450, -38.2696



120.7380, 0.6222, -12.9252



0.0000, 0.0000, 0.0000



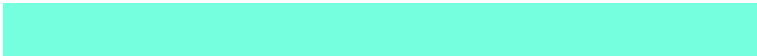
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



193.4670, 4.6998, -60.9226



210.0900, 6.3646, -81.6399



180.3540, 22.9965, -49.4225



111.0700, 0.4585, -7.0774



120.6910, 8.0403, -105.8460



34.3830, 2.2762, -30.1539

Inverse Universe

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



157.5330, -4.6998, 60.9226



161.9100, -6.3646, 81.6399



170.6460, -22.9965, 49.4225



106.9300, -0.4585, 7.0774



58.3090, -8.0403, 105.8460



16.6170, -2.2762, 30.1539

Previews

White Background



This preview shows how the YUV color 193.4670, 4.6998, -60.9226 looks on a white background.

Color Contrast Check

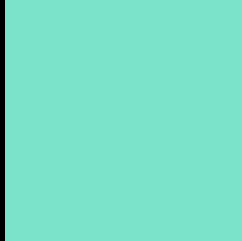
Large Text (above 18pt) WCAG AA × Fail

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 193.4670, 4.6998, -60.9226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

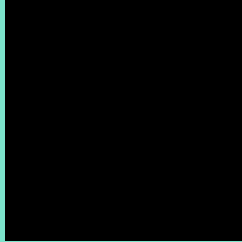
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

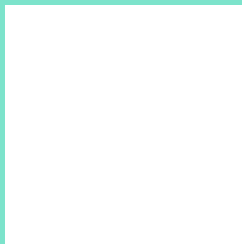
Any Text WCAG AAA ✓ Pass

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

YUV 193.4670, 4.6998, -60.9226 Background



This preview shows how black text looks on a background with the YUV color 193.4670, 4.6998, -60.9226.



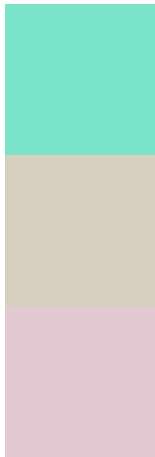
This preview shows how white text looks on a background with the YUV color 193.4670, 4.6998,

-60.9226.

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

193.4670, 4.6998, -60.9226

Protanopia

207.6820, -7.7312, 6.4179

Deuteranopia

209.6860, -0.3382, 15.1844



Tritanopia

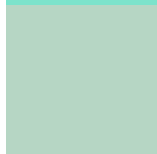
197.7400, 20.8342, -55.9000

Trichromacy



Original Color

193.4670, 4.6998, -60.9226



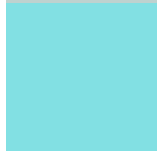
Protanomaly

202.3800, -3.1453, -17.8733



Deuteranomaly

203.6780, 1.6377, -11.9956



Tritanomaly

196.2360, 15.1667, -58.0890

Monochromacy



Original Color

193.4670, 4.6998, -60.9226



Achromatopsia

193.0000, 0.0000, 0.0000



Achromatomaly

193.0250, 1.9597, -21.9469

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.4670, 4.6998, -60.9226 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(124, 227, 203)` looks like.

```
.text, #text, p{  
    color:rgb(124, 227, 203)  
}
```

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(124, 227, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 227, 203) }
```

Border

The CSS property to change the border of an element to YUV 193.4670, 4.6998, -60.9226 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(124, 227, 203) }
```


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

```
.border{ border-color:rgb(124, 227, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 227, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 227, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 227, 203);  
box-shadow:4px 4px 4px 4px rgb(124, 227,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 193.4670, 4.6998, -60.9226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 227, 203) }
```

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

```
.background{ background-color: rgb(124,  
227, 203) }
```

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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