

Converting Colors

YUV(167.5180, 17.4926,
-57.4593)

Have a look what the booklet for
YUV(167.5180, 17.4926, -57.4593)
contains.

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Color

**YUV(167.5180, 17.4926,
-57.4593)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 66C2CB |
| RGB | 102, 194, 203 |
| RGB Percent | 40%, 76%, 80% |
| CMY | 0.6000, 0.2392, 0.2039 |
| CMYK | 0.50, 0.04, 0.00, 0.20 |
| HSL | 185°, 49%, 60% |
| HSV | 185°, 50%, 80% |
| XYZ | 35.5508, 45.7202, 63.4511 |
| YIQ | 167.5180, -57.7210, -16.7050 |

Conversions

Conversions Part 2

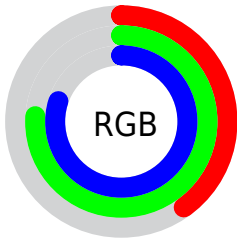
| Format | Color |
|-------------------------------------|--|
| RYB | 102, 150, 203 |
| Decimal | 6734539 |
| CIELab | 73.36, -24.94, -12.98 |
| CIELCh | 73, 28.111, 207.496 |
| Yxy | 45.7202, 0.2456, 0.3159 |
| Android (android.graphics.Color) | 4284924619 (0xFF66C2CB) |
| YUV | 167.5180, 17.4926, -57.4593 |
| Hunter-Lab | 67.6167, -24.4794, -8.3057 |

Details

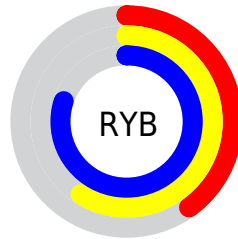
The YUV color **167.5180, 17.4926, -57.4593** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **137.4820, -17.4926, 57.4593**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.2470, 15.1612, -56.3446**, and **110.8270, 18.8193, -62.9923** is the 20% darker color. If you saturate the color by 10%, you get **160.3640, 21.0195, -68.7252**, and if you desaturate by 10%, it is **174.6720, 13.9657, -46.1933**.

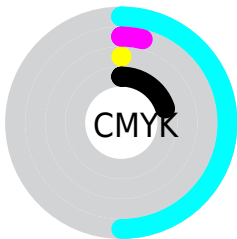
Distribution



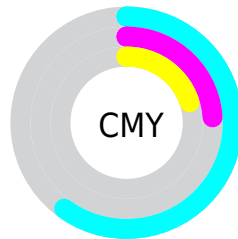
- Red (40%)
- Green (76%)
- Blue (80%)



- Red (40%)
- Yellow (59%)
- Blue (80%)



- Cyan (50%)
- Magenta (4%)
- Yellow (0%)
- Black (20%)



- Cyan (60%)
- Magenta (24%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 167.5180, 17.4926, -57.4593 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 167.5180, 17.4926, -57.4593 by changing the saturation by 10% instead.

■ 167.5180, 17.4926,
-57.4593

■ 167.5180, 17.4926,
-57.4593

255.0000, 0.0000,
0.0000

■ 139.6210, 17.9348,
-59.3036

■ 224.2470, 15.1612,
-56.3446

■ 110.8270, 18.8193,
-62.9923

■ 234.9670, 9.8763,
-41.1901

■ 80.9400, 20.7356,
-70.9844

■ 243.9370, 5.4541,
-22.7467

■ 63.4150, 17.0504,
-55.6150

■ 252.9070, 1.0318,
-4.3034

■ 47.1780, 13.2232,
-41.3751

■ 31.1690, 10.2697,
-27.3352

■ 15.8610, 7.4635,

-13.9101

■ 0.4560, 1.7472,
-0.3999

■ 0.0000, 0.0000,
0.0000

■ 167.5180, 17.4926,
-57.4593

■ 167.5180, 17.4926,
-57.4593

■ 160.3640, 21.0195,
-68.7252

■ 174.6720, 13.9657,
-46.1933

■ 152.9110, 24.6939,
-80.6059

■ 182.1250, 10.2914,
-34.3126

■ 146.3440, 27.9314,
-92.3867

■ 188.6920, 7.0538,
-22.5319

■ 139.1900, 31.4583,
-103.6526

■ 195.8460, 3.5269,
-11.2659

■ 132.0360, 34.9853,
-114.9186

■ 203.2990, -0.1474,
0.6148

■ 131.7370, 35.1327,
-115.5333

■ 210.4530, -3.6743,
11.8807

■ 217.6070, -7.2013,
23.1467

■ 221.4830, -9.1121,
29.3944

■ 222.6570, -9.6909,
28.3648

Harmonies

Analogous

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



169.0390, 3.9248, -45.6382



167.5180, 17.4926, -57.4593



170.7390, 25.7647, -50.6371

Triad

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



167.5180, 17.4926, -57.4593



184.2430, 11.7122, 23.4659



179.2910, -24.7935, 19.0388

Complementary

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



167.5180, 17.4926, -57.4593



137.4820, -17.4926, 57.4593

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.



181.3130, -21.3533, 35.6825



167.5180, 17.4926, -57.4593



183.8400, -0.4141, 39.6053

Square

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



167.5180, 17.4926, -57.4593



182.0210, 21.6816, -0.8954



183.0610, -12.3551, 42.9195



176.4840, -20.9446, -2.1785

Rectangle

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



167.5180, 17.4926, -57.4593



175.1690, 27.0317, -36.9822



183.0610, -12.3551, 42.9195



180.0360, -24.6677, 25.4014

Sweetspot

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



167.5180, 17.4926, -57.4593



241.8770, 6.4696, -21.8171



162.1990, -25.7341, -52.7945



119.3620, 4.2585, -12.5955



0.0000, 0.0000, 0.0000



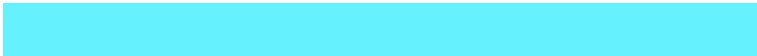
128.0000, 0.0000, 0.0000

Same Dimension

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



167.5180, 17.4926, -57.4593



201.0350, 26.6047, -86.8537



138.1680, 31.9622, -31.7193



98.4230, 1.7635, -5.6330



107.5610, 28.8104, -94.3310



24.8770, 6.4696, -21.8171

Inverse Universe

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



142.6870, 25.2973, 52.8945



163.5930, 38.1617, 80.1639



166.8320, -31.9622, 31.7193



96.0160, 2.4571, 5.2480



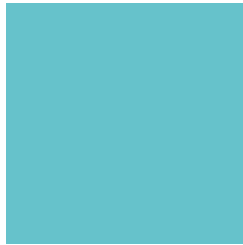
66.8480, 41.4869, 86.9563



15.3520, 9.6865, 19.8623

Previews

White Background



This preview shows how the YUV color 167.5180, 17.4926, -57.4593 looks on a white background.

Color Contrast Check

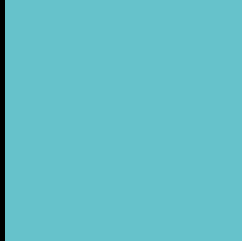
Large Text (above 18pt) WCAG AA × Fail

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 167.5180, 17.4926, -57.4593 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

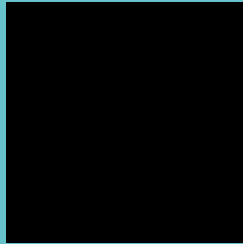
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 167.5180, 17.4926, -57.4593

Background



This preview shows how black text looks on a background with the YUV color 167.5180, 17.4926, -57.4593.



This preview shows how white text looks on a background with the YUV color 167.5180, 17.4926, -57.4593.

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

167.5180, 17.4926, -57.4593

Protanopia

179.7100, 6.5520, -1.4997

Deuteranopia

181.0400, 12.7983, 1.7189



Tritanopia

168.2130, 20.1080, -56.3148

Trichromacy



Original Color

167.5180, 17.4926, -57.4593

Protanomaly

175.3160, 10.6902, -22.2021

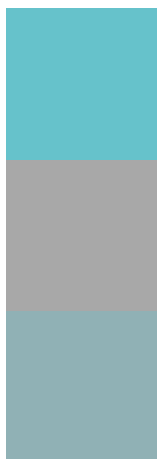
Deuteranomaly

176.3640, 14.6105, -19.6132

Tritanomaly

167.6860, 19.3818, -56.7296

Monochromacy



Original Color

167.5180, 17.4926, -57.4593

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

167.5890, 6.6116, -20.6876

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.5180, 17.4926, -57.4593 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(102, 194, 203)` looks like.

```
.text, #text, p{  
    color:rgb(102, 194, 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(102, 194, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 194, 203) }
```

Border

The CSS property to change the border of an element to YUV 167.5180, 17.4926, -57.4593 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(102, 194, 203) }
```


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

```
.border{ border-color:rgb(102, 194, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 194, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 194, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 194, 203);  
box-shadow:4px 4px 4px 4px rgb(102, 194,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 167.5180, 17.4926, -57.4593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 194, 203) }
```

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

```
.background{ background-color: rgb(102,  
194, 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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