

Converting Colors

YUV(180.3460, 11.6614,
-53.8004)

Have a look what the booklet for
YUV(180.3460, 11.6614, -53.8004)
contains.

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Color

**YUV(180.3460, 11.6614,
-53.8004)**

Conversions

Conversions Part 1

Format	Color
Hex	77CFCC
RGB	119, 207, 204
RGB Percent	47%, 81%, 80%
CMY	0.5333, 0.1882, 0.2000
CMYK	0.43, 0.00, 0.01, 0.19
HSL	178°, 48%, 64%
HSV	178°, 43%, 81%
XYZ	40.8197, 52.9072, 65.1874
YIQ	180.3460, -51.4850, -19.5890

Conversions

Conversions Part 2

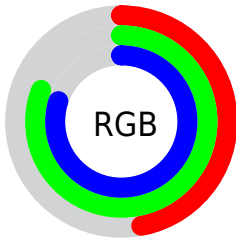
Format	Color
RYB	119, 164, 207
Decimal	7851980
CIELab	77.82, -27.16, -6.80
CIELCh	78, 28.000, 194.065
Yxy	52.9072, 0.2569, 0.3329
Android (android.graphics.Color)	4286042060 (0xFF77CFCC)
YUV	180.3460, 11.6614, -53.8004
Hunter-Lab	72.7373, -27.1175, -2.2197

Details

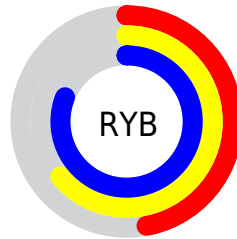
The YUV color **180.3460, 11.6614, -53.8004** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **145.6540, -11.6614, 53.8004**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.3790, 11.6452, -48.5674**, and **124.8620, 12.3930, -55.1300** is the 20% darker color. If you saturate the color by 10%, you get **173.9530, 14.3202, -66.6108**, and if you desaturate by 10%, it is **186.7390, 9.0027, -40.9901**.

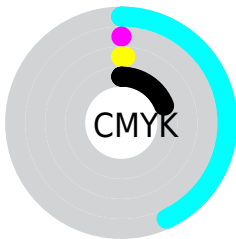
Distribution



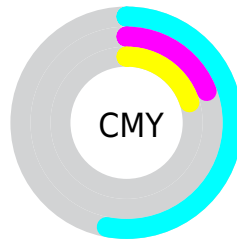
- Red (47%)
- Green (81%)
- Blue (80%)



- Red (47%)
- Yellow (64%)
- Blue (81%)



- Cyan (43%)
- Magenta (0%)
- Yellow (1%)
- Black (19%)



- Cyan (53%)
- Magenta (19%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.3460, 11.6614, -53.8004 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 180.3460, 11.6614, -53.8004 by changing the saturation by 10% instead.

■ 180.3460, 11.6614,
-53.8004

■ 180.3460, 11.6614,
-53.8004

255.0000, 0.0000,
0.0000

■ 152.4600, 12.0982,
-53.9004

■ 231.3790, 11.6452,
-48.5674

■ 124.8620, 12.3930,
-55.1300

■ 240.0500, 7.3704,
-30.7388

■ 96.1710, 13.7197,
-60.6630

■ 248.7210, 3.0955,
-12.9103

■ 70.5730, 14.0145,
-61.8925

■ 53.1620, 10.7661,
-46.6231

■ 37.1530, 7.8126,
-32.5832

■ 23.0190, 4.4276,

-20.1877

■ 0.7980, 3.0576,
-0.6998

■ 0.0000, 0.0000,
0.0000

■ 180.3460, 11.6614,
-53.8004

■ 180.3460, 11.6614,
-53.8004

■ 173.9530, 14.3202,
-66.6108

■ 186.7390, 9.0027,
-40.9901

■ 167.9730, 17.2683,
-78.9063

■ 192.7190, 6.0545,
-28.6946

■ 161.5800, 19.9271,
-91.7167

■ 199.1120, 3.3958,
-15.8842

■ 155.1870, 22.5858,
-104.5270

■ 205.5050, 0.7370,
-3.0739

■ 149.0930, 25.0972,
-116.7226

■ 211.8980, -1.9217,
9.7365

■ 144.3090, 27.4557,
-126.5590

■ 217.8780, -4.8699,
22.0320

■ 221.5800, -6.2019,
29.3093

■ 221.6940, -5.7651,
29.2094

Harmonies

Analogous

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



182.9600, -2.9383, -37.6759



180.3460, 11.6614, -53.8004



181.6090, 22.8708, -55.7851

Triad

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



180.3460, 11.6614, -53.8004



196.4420, 16.5441, 13.6444



192.4600, -24.3838, 27.6606

Complementary

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



180.3460, 11.6614, -53.8004



145.6540, -11.6614, 53.8004

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.



194.4430, -18.4594, 40.8305



180.3460, 11.6614, -53.8004



196.5880, 5.1331, 33.6873

Square

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



180.3460, 11.6614, -53.8004



192.6280, 24.3404, -13.7058



196.0270, -7.4083, 42.9493



190.1540, -23.7399, 7.7579

Rectangle

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



180.3460, 11.6614, -53.8004



184.5870, 26.3326, -46.1188



196.0270, -7.4083, 42.9493



193.1340, -23.2371, 33.2085

Sweetspot

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



180.3460, 11.6614, -53.8004



245.0190, 4.4276, -20.1877



171.8520, -26.0560, -42.8432



121.6070, 2.6587, -12.8103



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.



180.3460, 11.6614, -53.8004



215.6740, 17.4157, -79.5211



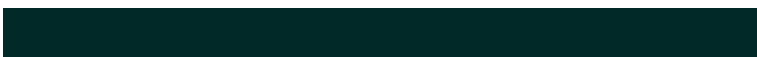
157.2080, 24.5475, -33.5084



101.5970, 1.1847, -6.6626



117.1980, 22.5804, -102.7826



28.5130, 5.1701, -25.0059

Inverse Universe

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



145.6540, -11.6614, 53.8004



164.3260, -17.4157, 79.5211



168.7920, -24.5475, 33.5084



97.2890, -1.6215, 6.7625



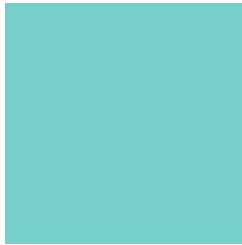
50.9160, -22.1436, 102.6827



12.3730, -5.6069, 25.1059

Previews

White Background



This preview shows how the YUV color 180.3460, 11.6614, -53.8004 looks on a white background.

Color Contrast Check

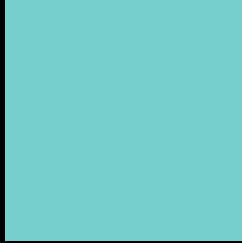
Large Text (above 18pt) WCAG AA × Fail

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 180.3460, 11.6614, -53.8004 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

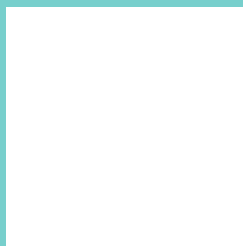
Any Text WCAG AAA ✓ Pass

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

YUV 180.3460, 11.6614, -53.8004 Background



This preview shows how black text looks on a background with the YUV color 180.3460, 11.6614, -53.8004.



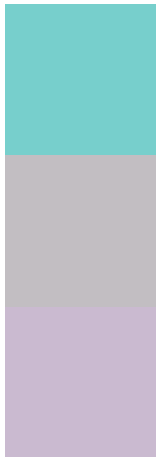
This preview shows how white text looks on a background with the YUV color 180.3460, 11.6614, -53.8004.

-53.8004.

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

180.3460, 11.6614, -53.8004

Protanopia

191.6520, 1.1576, 2.0592

Deuteranopia

193.2920, 7.2510, 7.6369



Tritanopia

182.0180, 19.2181, -50.8818

Trichromacy



Original Color

180.3460, 11.6614, -53.8004

Protanomaly

187.5570, 5.1484, -18.0285

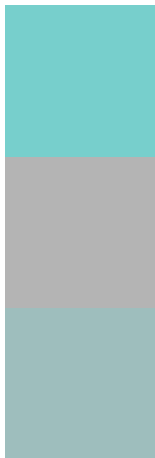
Deuteranomaly

188.9040, 8.9213, -14.8248

Tritanomaly

181.3230, 16.6028, -52.0263

Monochromacy



Original Color

180.3460, 11.6614, -53.8004

Achromatopsia

180.0000, 0.0000, 0.0000

Achromatomaly

180.3180, 4.2802, -19.5729

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.3460, 11.6614, -53.8004 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(119, 207, 204)` looks like.

```
.text, #text, p{  
    color:rgb(119, 207, 204)  
}
```

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(119, 207, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 207, 204) }
```

Border

The CSS property to change the border of an element to YUV 180.3460, 11.6614, -53.8004 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(119, 207, 204) }
```


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

```
.border{ border-color:rgb(119, 207, 204) }
```

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

Here you see how a box with a 4 pixel rgb(119, 207, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 207, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 207, 204);  
box-shadow:4px 4px 4px 4px rgb(119, 207,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 180.3460, 11.6614, -53.8004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 207, 204) }
```

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

```
.background{ background-color: rgb(119,  
207, 204) }
```

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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