

Converting Colors

YUV(178.6880, 12.9718,
-54.1004)

Have a look what the booklet for
YUV(178.6880, 12.9718, -54.1004)
contains.

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Color

**YUV(178.6880, 12.9718,
-54.1004)**

Conversions

Conversions Part 1

Format	Color
Hex	75CDCD
RGB	117, 205, 205
RGB Percent	46%, 80%, 80%
CMY	0.5412, 0.1961, 0.1961
CMYK	0.43, 0.00, 0.00, 0.20
HSL	180°, 47%, 63%
HSV	180°, 43%, 80%
XYZ	40.1869, 51.8523, 65.6480
YIQ	178.6880, -52.4480, -18.6560

Conversions

Conversions Part 2

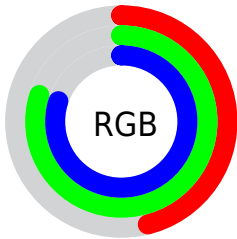
Format	Color
RYB	117, 161, 205
Decimal	7720397
CIELab	77.19, -26.41, -8.28
CIELCh	77, 27.683, 197.411
Yxy	51.8523, 0.2549, 0.3288
Android (android.graphics.Color)	4285910477 (0xFF75CDCD)
YUV	178.6880, 12.9718, -54.1004
Hunter-Lab	72.0086, -26.3968, -3.6469

Details

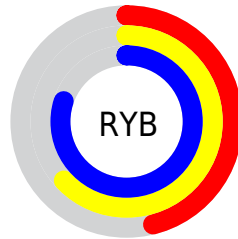
The YUV color **178.6880, 12.9718, -54.1004** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **143.3120, -12.9718, 54.1004**, and the grayscale version is **179.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.7810, 11.9400, -49.7969**, and **122.9050, 13.8508, -56.0447** is the 20% darker color. If you saturate the color by 10%, you get **172.7080, 15.9200, -66.3959**, and if you desaturate by 10%, it is **184.9670, 9.8763, -41.1901**.

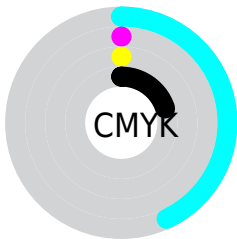
Distribution



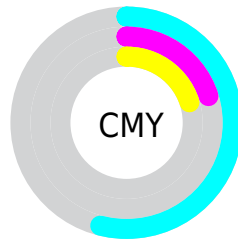
- Red (46%)
- Green (80%)
- Blue (80%)



- Red (46%)
- Yellow (63%)
- Blue (80%)



- Cyan (43%)
- Magenta (0%)
- Yellow (0%)
- Black (20%)



- Cyan (54%)
- Magenta (20%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.6880, 12.9718, -54.1004 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 178.6880, 12.9718, -54.1004 by changing the saturation by 10% instead.

■ 178.6880, 12.9718,
-54.1004

■ 178.6880, 12.9718,
-54.1004

■ 255.0000, 0.0000,
0.0000

■ 150.8020, 13.4086,
-54.2004

■ 230.7810, 11.9400,
-49.7969

■ 122.9050, 13.8508,
-56.0447

■ 239.4520, 7.6652,
-31.9684

■ 93.9150, 15.3249,
-62.1925

■ 248.1230, 3.3904,
-14.1399

■ 69.5130, 15.0301,
-60.9629

■ 52.6890, 11.4923,
-46.2083

■ 36.6800, 8.5388,
-32.1684

■ 22.4320, 4.7170,

-19.6729

■ 0.9120, 3.4944,
-0.7998

■ 0.0000, 0.0000,
0.0000

■ 178.6880, 12.9718,
-54.1004

■ 178.6880, 12.9718,
-54.1004

■ 172.7080, 15.9200,
-66.3959

■ 184.9670, 9.8763,
-41.1901

■ 166.4290, 19.0155,
-79.3062

■ 190.9470, 6.9281,
-28.8945

■ 160.1500, 22.1110,
-92.2166

■ 197.2260, 3.8326,
-15.9842

■ 154.1700, 25.0592,
-104.5121

■ 203.2060, 0.8844,
-3.6887

■ 147.8910, 28.1547,
-117.4224

■ 209.4850, -2.2111,
9.2217

■ 143.7050, 30.2184,
-126.0293

■ 215.4650, -5.1592,
21.5172

■ 219.9500, -7.3703,
30.7389

Harmonies

Analogous

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



180.8180, -0.8963, -39.3054



178.6880, 12.9718, -54.1004



180.0330, 23.1547, -53.5259

Triad

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



178.6880, 12.9718, -54.1004



194.5240, 15.5177, 16.2035



190.1500, -24.2310, 25.3014

Complementary

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



178.6880, 12.9718, -54.1004



143.3120, -12.9718, 54.1004

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.



192.3180, -18.8908, 39.1861



178.6880, 12.9718, -54.1004



194.9580, 3.9647, 35.1168

Square

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



178.6880, 12.9718, -54.1004



191.4220, 23.4560, -10.0171



193.6850, -8.7187, 43.2493



187.9580, -23.1503, 5.2988

Rectangle

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



178.6880, 12.9718, -54.1004



183.8970, 26.1798, -43.7597



193.6850, -8.7187, 43.2493



190.8240, -23.0842, 30.8494

Sweetspot

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



178.6880, 12.9718, -54.1004



245.1330, 4.8644, -20.2876



168.6560, -25.4664, -45.3023



121.7210, 3.0955, -12.9103



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.



178.6880, 12.9718, -54.1004



215.2330, 19.6051, -81.7653



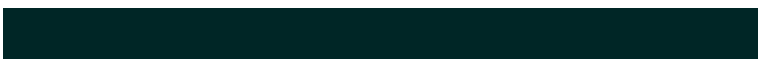
152.8600, 25.7050, -31.4492



99.0100, 1.4741, -6.1478



116.3660, 24.4696, -102.0530



26.6380, 5.6015, -23.3615

Inverse Universe

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



153.3440, 25.4664, 45.3023



176.9290, 38.4890, 68.4683



169.1400, -25.7050, 31.4492



96.1300, 2.8939, 5.1480



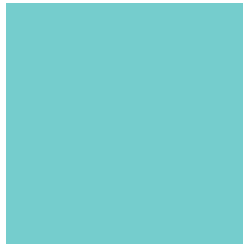
68.5580, 48.0389, 85.4566



15.6940, 10.9969, 19.5624

Previews

White Background



This preview shows how the YUV color 178.6880, 12.9718, -54.1004 looks on a white background.

Color Contrast Check

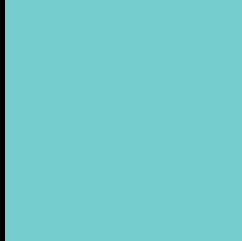
Large Text (above 18pt) WCAG AA × Fail

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 178.6880, 12.9718, -54.1004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

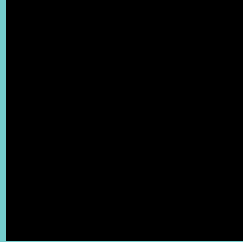
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 178.6880, 12.9718, -54.1004

Background



This preview shows how black text looks on a background with the YUV color 178.6880, 12.9718, -54.1004.



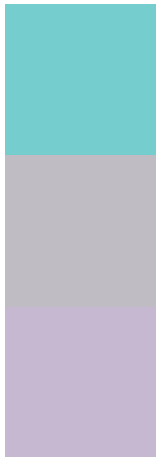
This preview shows how white text looks on a background with the YUV color 178.6880, 12.9718, -54.1004.

-54.1004.

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

178.6880, 12.9718, -54.1004

Protanopia

190.2820, 2.3260, 0.6297

Deuteranopia

191.3350, 8.7088, 6.7222



Tritanopia

180.3060, 19.0761, -52.0114

Trichromacy



Original Color

178.6880, 12.9718, -54.1004

Protanomaly

186.1870, 6.3168, -19.4580

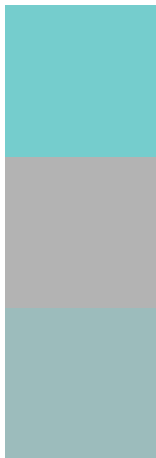
Deuteranomaly

186.9470, 10.3791, -15.7395

Tritanomaly

180.0240, 16.7502, -52.6410

Monochromacy



Original Color

178.6880, 12.9718, -54.1004

Achromatopsia

179.0000, 0.0000, 0.0000

Achromatomaly

178.4320, 4.7170, -19.6729

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.6880, 12.9718, -54.1004 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(117, 205, 205)` looks like.

```
.text, #text, p{  
    color:rgb(117, 205, 205)  
}
```

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(117, 205, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 205, 205) }
```

Border

The CSS property to change the border of an element to YUV 178.6880, 12.9718, -54.1004 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

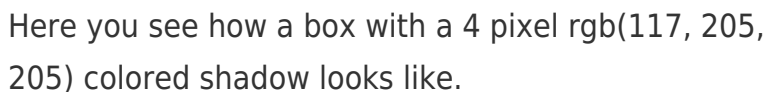
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(117, 205, 205) }
```


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

```
.border{ border-color:rgb(117, 205, 205) }
```

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



Here you see how a box with a 4 pixel `rgb(117, 205, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 205, 205); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 205, 205); box-shadow:4px 4px 4px 4px rgb(117, 205, 205) }
```

Background

The CSS property to change the background color of an element to YUV 178.6880, 12.9718, -54.1004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 205, 205) }
```

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

```
.background{ background-color: rgb(117,  
205, 205) }
```

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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