

Converting Colors

YUV(170.6880, 12.9718,
-54.1004)

Have a look what the booklet for
YUV(170.6880, 12.9718, -54.1004)
contains.

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Color

**YUV(170.6880, 12.9718,
-54.1004)**

Conversions

Conversions Part 1

Format	Color
Hex	6DC5C5
RGB	109, 197, 197
RGB Percent	43%, 77%, 77%
CMY	0.5725, 0.2275, 0.2275
CMYK	0.45, 0.00, 0.00, 0.23
HSL	180°, 43%, 60%
HSV	180°, 45%, 77%
XYZ	36.3510, 47.2149, 60.0208
YIQ	170.6880, -52.4480, -18.6560

Conversions

Conversions Part 2

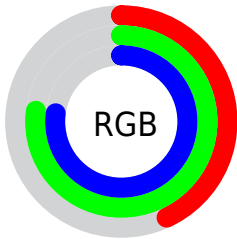
Format	Color
RYB	109, 153, 197
Decimal	7194053
CIELab	74.33, -26.41, -8.25
CIELCh	74, 27.665, 197.353
Yxy	47.2149, 0.2532, 0.3288
Android (android.graphics.Color)	4285384133 (0xFF6DC5C5)
YUV	170.6880, 12.9718, -54.1004
Hunter-Lab	68.7131, -25.8170, -3.6905

Details

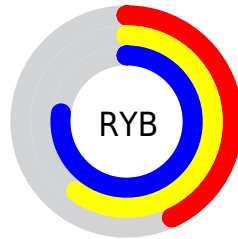
The YUV color **170.6880, 12.9718, -54.1004** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **135.3120, -12.9718, 54.1004**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.6880, 12.9718, -54.1004**, and **115.1930, 13.7089, -57.1743** is the 20% darker color. If you saturate the color by 10%, you get **164.7080, 15.9200, -66.3959**, and if you desaturate by 10%, it is **176.6680, 10.0237, -41.8048**.

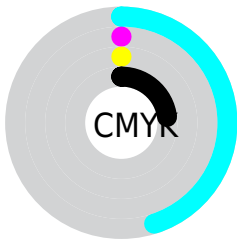
Distribution



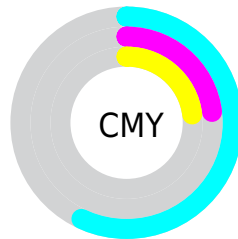
- Red (43%)
- Green (77%)
- Blue (77%)



- Red (43%)
- Yellow (60%)
- Blue (77%)



- Cyan (45%)
- Magenta (0%)
- Yellow (0%)
- Black (23%)



- Cyan (57%)
- Magenta (23%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.6880, 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 170.6880, 12.9718, -54.1004 by changing the saturation by 10% instead.

■ 170.6880, 12.9718,
-54.1004

■ 170.6880, 12.9718,
-54.1004

255.0000, 0.0000,
0.0000

■ 143.3890, 13.1192,
-54.7152

■ 227.6880, 12.9718,
-54.1004

■ 115.1930, 13.7089,
-57.1743

■ 236.7610, 8.9918,
-37.5014

■ 83.9250, 16.7990,
-68.3402

■ 245.7310, 4.5696,
-19.0581

■ 64.6060, 13.9982,
-56.6595

254.4020, 0.2948,
-1.2296

■ 47.8960, 10.8973,
-42.0048

■ 31.7730, 7.5069,
-27.8649

■ 17.7530, 4.5588,

-15.5694

■ 0.0000, 0.0000,
0.0000

■ 170.6880, 12.9718,
-54.1004

■ 170.6880, 12.9718,
-54.1004

■ 164.7080, 15.9200,
-66.3959

■ 176.6680, 10.0237,
-41.8048

■ 159.0270, 18.7207,
-78.0767

■ 182.3490, 7.2229,
-30.1241

■ 153.0470, 21.6688,
-90.3722

■ 188.3290, 4.2748,
-17.8285

■ 147.0670, 24.6170,
-102.6678

■ 194.3090, 1.3267,
-5.5330

■ 141.3860, 27.4177,
-114.3485

■ 200.2890, -1.6215,
6.7625

■ 138.0970, 29.0392,
-121.1111

■ 205.9700, -4.4222,
18.4433

■ 211.9500, -7.3703,
30.7389

■ 214.3420, -8.5496,
35.6571

Harmonies

Analogous

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



173.1170, -1.0437, -38.6906



170.6880, 12.9718, -54.1004



172.0330, 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.



170.6880, 12.9718, -54.1004



186.4100, 15.0809, 16.3034



182.2640, -23.7942, 25.2015

Complementary

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



170.6880, 12.9718, -54.1004



135.3120, -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.



184.3180, -18.8908, 39.1861



170.6880, 12.9718, -54.1004



186.9580, 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.



170.6880, 12.9718, -54.1004



183.4220, 23.4560, -10.0171



186.3860, -8.5713, 42.6345



180.0720, -22.7135, 5.1989

Rectangle

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



170.6880, 12.9718, -54.1004



175.8970, 26.1798, -43.7597



186.3860, -8.5713, 42.6345



183.5250, -22.9368, 30.2346

Sweetspot

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



170.6880, 12.9718, -54.1004



245.1330, 4.8644, -20.2876



160.6560, -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.



170.6880, 12.9718, -54.1004



213.7380, 20.3422, -84.8392



144.8600, 25.7050, -31.4492



96.3090, 1.3267, -5.5330



114.2630, 24.0273, -100.2087



25.2360, 5.3067, -22.1320

Inverse Universe

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



145.3440, 25.4664, 45.3023



173.9940, 39.9360, 71.0423



161.1400, -25.7050, 31.4492



93.7170, 2.6045, 4.6332



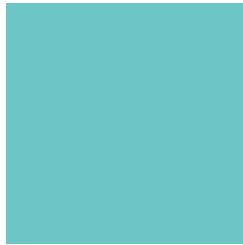
67.3190, 47.1707, 83.9122



14.8680, 10.4181, 18.5328

Previews

White Background



This preview shows how the YUV color 170.6880, 12.9718, -54.1004 looks on a white background.

Color Contrast Check

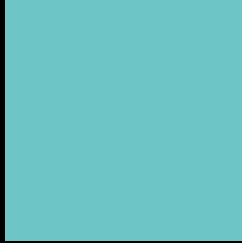
Large Text (above 18pt) WCAG AA × Fail

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 170.6880, 12.9718, -54.1004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

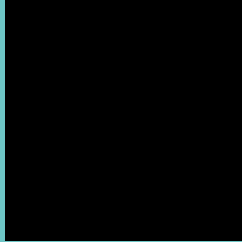
Any Text WCAG AA ✓ Pass

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 170.6880, 12.9718, -54.1004 Background



This preview shows how black text looks on a background with the YUV color 170.6880, 12.9718, -54.1004.



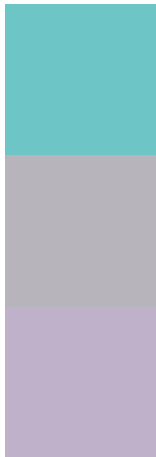
This preview shows how white text looks on a background with the YUV color 170.6880, 12.9718, -54.1004.

-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

170.6880, 12.9718, -54.1004

Protanopia

182.2820, 2.3260, 0.6297

Deuteranopia

183.6230, 8.5669, 5.5926



Tritanopia

172.3060, 19.0761, -52.0114

Trichromacy



Original Color

170.6880, 12.9718, -54.1004

Protanomaly

178.1870, 6.3168, -19.4580

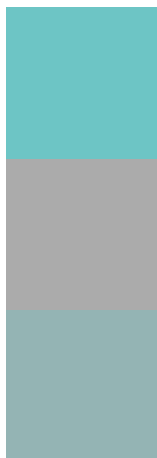
Deuteranomaly

178.9470, 10.3791, -15.7395

Tritanomaly

172.0240, 16.7502, -52.6410

Monochromacy



Original Color

170.6880, 12.9718, -54.1004

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

170.4320, 4.7170, -19.6729

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.6880, 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(109, 197, 197)` looks like.

```
.text, #text, p{  
    color:rgb(109, 197, 197)  
}
```

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(109, 197, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 197, 197) }
```

Border

The CSS property to change the border of an element to YUV 170.6880, 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(109, 197, 197) }
```


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

```
.border{ border-color:rgb(109, 197, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 197, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 197, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 197, 197);  
box-shadow:4px 4px 4px 4px rgb(109, 197,  
197) }
```

Background

The CSS property to change the background color of an element to YUV 170.6880, 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(109, 197, 197) }
```

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

```
.background{ background-color: rgb(109,  
197, 197) }
```

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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