

Converting Colors

YUV(178.4060, 10.6458,
-54.7301)

Have a look what the booklet for
YUV(178.4060, 10.6458, -54.7301)
contains.

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Color

**YUV(178.4060, 10.6458,
-54.7301)**

Conversions

Conversions Part 1

Format	Color
Hex	74CEC8
RGB	116, 206, 200
RGB Percent	45%, 81%, 78%
CMY	0.5451, 0.1922, 0.2157
CMYK	0.44, 0.00, 0.03, 0.19
HSL	176°, 48%, 63%
HSV	176°, 44%, 81%
XYZ	39.6991, 52.0257, 62.5932
YIQ	178.4060, -51.7140, -20.9460

Conversions

Conversions Part 2

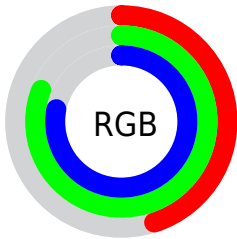
Format	Color
RYB	116, 163, 206
Decimal	7655112
CIELab	77.30, -28.39, -5.44
CIELCh	77, 28.903, 190.852
Yxy	52.0257, 0.2573, 0.3371
Android (android.graphics.Color)	4285845192 (0xFF74CEC8)
YUV	178.4060, 10.6458, -54.7301
Hunter-Lab	72.1289, -27.9807, -0.9614

Details

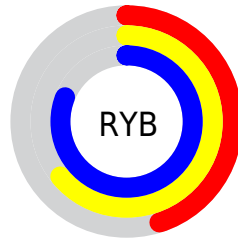
The YUV color **178.4060, 10.6458, -54.7301** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **143.5940, -10.6458, 54.7301**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.4820, 12.0874, -50.4117**, and **122.6230, 11.5249, -56.6744** is the 20% darker color. If you saturate the color by 10%, you get **172.0130, 13.3046, -67.5404**, and if you desaturate by 10%, it is **184.7990, 7.9871, -41.9197**.

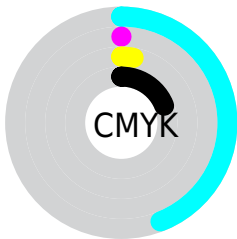
Distribution



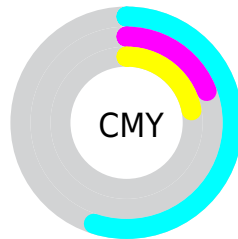
- Red (45%)
- Green (81%)
- Blue (78%)



- Red (45%)
- Yellow (64%)
- Blue (81%)



- Cyan (44%)
- Magenta (0%)
- Yellow (3%)
- Black (19%)



- Cyan (55%)
- Magenta (19%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.4060, 10.6458, -54.7301 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 178.4060, 10.6458, -54.7301 by changing the saturation by 10% instead.

■ 178.4060, 10.6458,
-54.7301

■ 178.4060, 10.6458,
-54.7301

■ 255.0000, 0.0000,
0.0000

■ 150.5200, 11.0826,
-54.8300

■ 230.4820, 12.0874,
-50.4117

■ 122.6230, 11.5249,
-56.6744

■ 239.1530, 7.8126,
-32.5832

■ 93.6330, 12.9989,
-62.8221

■ 247.8240, 3.5378,
-14.7546

■ 69.6440, 12.9935,
-61.0778

■ 52.2330, 9.7451,
-45.8083

■ 36.2240, 6.7916,
-31.7684

■ 22.6770, 3.1172,

-19.8877

■ 0.2280, 0.8736,
-0.2000

■ 0.0000, 0.0000,
0.0000

■ 178.4060, 10.6458,
-54.7301

■ 178.4060, 10.6458,
-54.7301

■ 172.0130, 13.3046,
-67.5404

■ 184.7990, 7.9871,
-41.9197

■ 165.8050, 15.3791,
-79.6360

■ 191.0070, 5.9125,
-29.8241

■ 159.4120, 18.0379,
-92.4463

■ 197.4000, 3.2538,
-17.0138

■ 153.3180, 20.5492,
-104.6419

■ 203.4940, 0.7425,
-4.8182

■ 146.8110, 22.7712,
-117.3522

■ 210.0010, -1.4795,
7.8921

■ 142.8100, 24.2507,
-125.2444

■ 216.3940, -4.1382,
20.7025

■ 221.1070, -5.4758,
29.7242

■ 221.2210, -5.0390,
29.6242

■ 221.3350, -4.6022,
29.5242

Harmonies

Analogous

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



181.8030, -4.8329, -36.6612



178.4060, 10.6458, -54.7301



178.8860, 22.7342, -58.6590

Triad

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



178.4060, 10.6458, -54.7301



194.5880, 18.4441, 10.8853



191.0690, -24.6840, 30.6345

Complementary

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



178.4060, 10.6458, -54.7301



143.5940, -10.6458, 54.7301

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.



192.9810, -17.7386, 42.9897



178.4060, 10.6458, -54.7301



195.0440, 6.8803, 33.2874

Square

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



178.4060, 10.6458, -54.7301



190.3610, 25.9510, -16.9796



194.3800, -6.1033, 44.3937



188.2360, -24.7663, 10.3170

Rectangle

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



178.4060, 10.6458, -54.7301



182.0810, 27.0751, -50.9370



194.3800, -6.1033, 44.3937



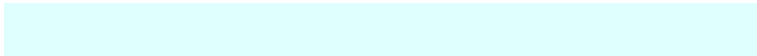
191.5580, -22.9531, 35.4676

Sweetspot

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



178.4060, 10.6458, -54.7301



244.9050, 3.9908, -20.0877



170.6240, -26.9296, -42.6432



121.4930, 2.2220, -12.7104



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.



178.4060, 10.6458, -54.7301



214.2070, 15.6739, -80.8655



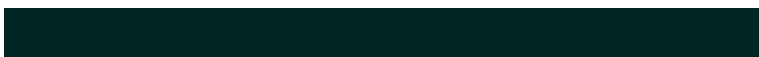
156.1970, 24.5529, -35.2528



98.8960, 1.0373, -6.0478



115.1120, 19.6648, -100.9532



26.4100, 4.7279, -23.1616

Inverse Universe

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



143.5940, -10.6458, 54.7301



162.7930, -15.6739, 80.8655



165.8030, -24.5529, 35.2528



94.9900, -1.4741, 6.1478



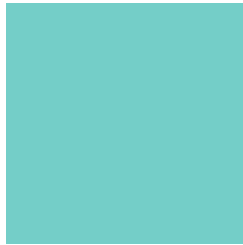
50.8880, -19.6648, 100.9532



11.7040, -4.2911, 23.0616

Previews

White Background



This preview shows how the YUV color 178.4060, 10.6458, -54.7301 looks on a white background.

Color Contrast Check

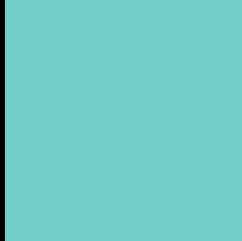
Large Text (above 18pt) WCAG AA × Fail

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 178.4060, 10.6458, -54.7301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

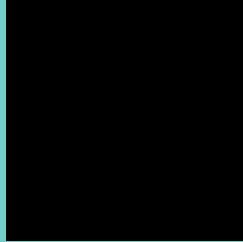
Any Text WCAG AA ✓ Pass

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 178.4060, 10.6458, -54.7301 Background



This preview shows how black text looks on a background with the YUV color 178.4060, 10.6458, -54.7301.



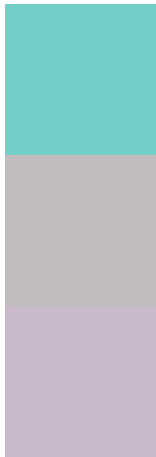
This preview shows how white text looks on a background with the YUV color 178.4060, 10.6458, -54.7301.

-54.7301.

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

178.4060, 10.6458, -54.7301

Protanopia

190.3100, -0.1528, 2.3591

Deuteranopia

191.7760, 6.5194, 8.9664



Tritanopia

180.6050, 18.9287, -51.3966

Trichromacy



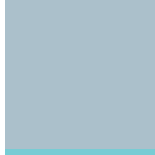
Original Color

178.4060, 10.6458, -54.7301



Protanomaly

185.9160, 3.9854, -18.3433



Deuteranomaly

186.9750, 7.9003, -14.0101



Tritanomaly

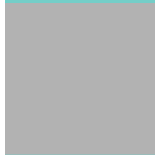
179.7960, 15.8766, -52.4411

Monochromacy



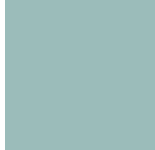
Original Color

178.4060, 10.6458, -54.7301



Achromatopsia

178.0000, 0.0000, 0.0000



Achromatomaly

177.9050, 3.9908, -20.0877

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.4060, 10.6458, -54.7301 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(116, 206, 200)` looks like.

```
.text, #text, p{  
    color:rgb(116, 206, 200)  
}
```

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(116, 206, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 206, 200) }
```

Border

The CSS property to change the border of an element to YUV 178.4060, 10.6458, -54.7301 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(116, 206, 200) }
```


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

```
.border{ border-color:rgb(116, 206, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 206, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 206, 200); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 206, 200); box-shadow:4px 4px 4px 4px rgb(116, 206, 200) }
```

Background

The CSS property to change the background color of an element to YUV 178.4060, 10.6458, -54.7301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 206, 200) }
```

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

```
.background{ background-color: rgb(116,  
206, 200) }
```

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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