

Converting Colors

YUV(178.7970, 10.9461,
-57.7040)

Have a look what the booklet for
YUV(178.7970, 10.9461, -57.7040)
contains.

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Color

**YUV(178.7970, 10.9461,
-57.7040)**

Conversions

Conversions Part 1

Format	Color
Hex	71D0C9
RGB	113, 208, 201
RGB Percent	44%, 82%, 79%
CMY	0.5569, 0.1843, 0.2118
CMYK	0.46, 0.00, 0.03, 0.18
HSL	176°, 50%, 63%
HSV	176°, 46%, 82%
XYZ	39.9085, 52.8395, 63.3540
YIQ	178.7970, -54.3730, -22.3170

Conversions

Conversions Part 2

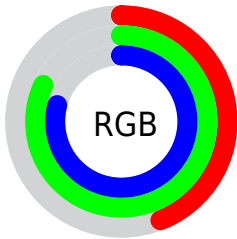
Format	Color
RYB	113, 162, 208
Decimal	7459017
CIELab	77.78, -29.82, -5.28
CIELCh	78, 30.280, 190.040
Yxy	52.8395, 0.2557, 0.3385
Android (android.graphics.Color)	4285649097 (0xFF71D0C9)
YUV	178.7970, 10.9461, -57.7040
Hunter-Lab	72.6908, -29.2092, -0.7909

Details

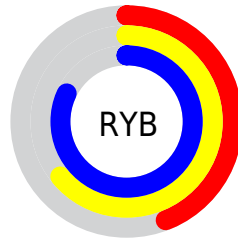
The YUV color **178.7970, 10.9461, -57.7040** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **142.2030, -10.9461, 57.7040**, and the grayscale version is **179.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.5850, 12.5296, -52.2560**, and **122.7150, 11.9725, -60.2631** is the 20% darker color. If you saturate the color by 10%, you get **172.2900, 13.1680, -70.4143**, and if you desaturate by 10%, it is **185.3040, 8.7241, -44.9936**.

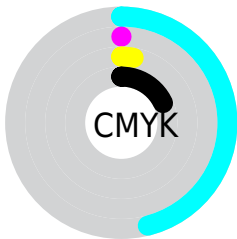
Distribution



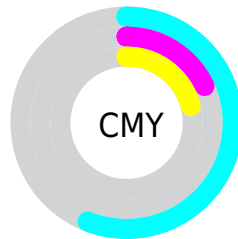
- Red (44%)
- Green (82%)
- Blue (79%)



- Red (44%)
- Yellow (64%)
- Blue (82%)



- Cyan (46%)
- Magenta (0%)
- Yellow (3%)
- Black (18%)



- Cyan (56%)
- Magenta (18%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.7970, 10.9461, -57.7040 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 178.7970, 10.9461, -57.7040 by changing the saturation by 10% instead.

■ 178.7970, 10.9461,
-57.7040

■ 178.7970, 10.9461,
-57.7040

255.0000, 0.0000,
0.0000

■ 150.6120, 11.5303,
-58.4187

■ 229.5850, 12.5296,
-52.2560

■ 122.7150, 11.9725,
-60.2631

■ 238.2560, 8.2548,
-34.4275

■ 91.6320, 14.4784,
-70.7143

■ 247.2260, 3.8326,
-15.9842

■ 70.9320, 12.8515,
-62.2074

■ 53.5210, 9.6031,
-46.9379

■ 37.3980, 6.2128,
-32.7980

■ 23.2640, 2.8278,

-20.4025

■ 0.4560, 1.7472,
-0.3999

■ 0.0000, 0.0000,
0.0000

■ 178.7970, 10.9461,
-57.7040

■ 178.7970, 10.9461,
-57.7040

■ 172.2900, 13.1680,
-70.4143

■ 185.3040, 8.7241,
-44.9936

■ 165.8970, 15.8268,
-83.2247

■ 191.6970, 6.0654,
-32.1833

■ 159.6890, 17.9013,
-95.3203

■ 197.9050, 3.9908,
-20.0877

■ 153.2960, 20.5601,
-108.1306

■ 204.2980, 1.3321,
-7.2773

■ 146.7890, 22.7820,
-120.8410

■ 210.8050, -0.8899,
5.4330

■ 144.0980, 24.1087,
-126.3739

■ 217.1980, -3.5486,
18.2434

■ 222.5090, -5.1809,
28.4946

■ 222.6230, -4.7441,
28.3946

■ 222.8510, -3.8705,
28.1947

Harmonies

Analogous

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



182.0910, -4.9749, -37.7908



178.7970, 10.9461, -57.7040



178.7930, 23.7661, -62.9625

Triad

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



178.7970, 10.9461, -57.7040



195.8160, 19.3177, 10.6854



192.4390, -25.8524, 32.0640

Complementary

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



178.7970, 10.9461, -57.7040



142.2030, -10.9461, 57.7040

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.



194.4650, -18.4702, 44.3192



178.7970, 10.9461, -57.7040



196.8700, 7.4591, 34.3170

Square

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



178.7970, 10.9461, -57.7040



191.6920, 27.2668, -19.0239



196.0920, -5.9614, 45.5233



189.6060, -25.9348, 11.7465

Rectangle

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



178.7970, 10.9461, -57.7040



182.4010, 28.3963, -54.7257



196.0920, -5.9614, 45.5233



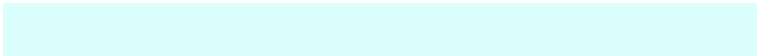
193.2270, -24.2689, 37.5119

Sweetspot

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



178.7970, 10.9461, -57.7040



243.8940, 3.9963, -21.8320



171.1570, -28.6714, -43.9877



121.1940, 2.3694, -13.3251



0.0000, 0.0000, 0.0000



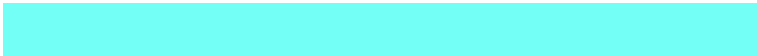
128.0000, 0.0000, 0.0000

Same Dimension

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



178.7970, 10.9461, -57.7040



212.0000, 16.2690, -85.0690



156.1150, 25.5793, -37.8119



101.5970, 1.1847, -6.6626



116.4000, 19.5228, -102.0828



28.3990, 4.7333, -24.9059

Inverse Universe

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



142.2030, -10.9461, 57.7040



158.0000, -16.2690, 85.0690



164.8850, -25.5793, 37.8119



97.4030, -1.1847, 6.6626



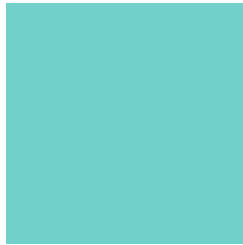
51.6000, -19.5228, 102.0828



12.6010, -4.7333, 24.9059

Previews

White Background



This preview shows how the YUV color 178.7970, 10.9461, -57.7040 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 178.7970, 10.9461, -57.7040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

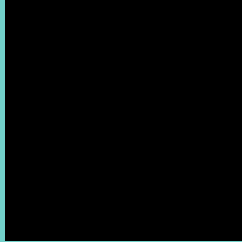
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 178.7970, 10.9461, -57.7040

Background



This preview shows how black text looks on a background with the YUV color 178.7970, 10.9461, -57.7040.



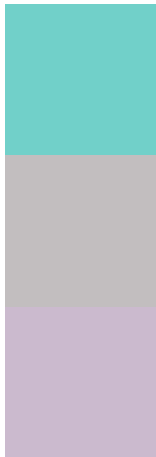
This preview shows how white text looks on a background with the YUV color 178.7970, 10.9461, -57.7040.

-57.7040.

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

178.7970, 10.9461, -57.7040

Protanopia

191.3100, -0.1528, 2.3591

Deuteranopia

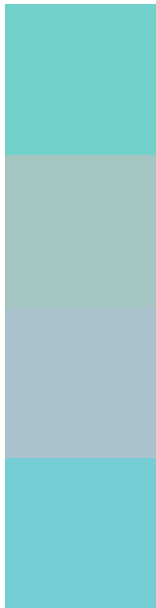
193.3630, 6.2300, 8.4516



Tritanopia

181.1100, 19.6658, -54.4705

Trichromacy



Original Color

178.7970, 10.9461, -57.7040

Protanomaly

187.2040, 3.8434, -19.4729

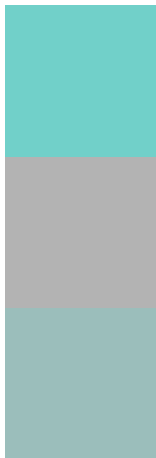
Deuteranomaly

187.9640, 7.9057, -15.7544

Tritanomaly

180.3010, 16.6136, -55.5150

Monochromacy



Original Color

178.7970, 10.9461, -57.7040

Achromatopsia

179.0000, 0.0000, 0.0000

Achromatomaly

179.1930, 3.8489, -21.2173

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.7970, 10.9461, -57.7040 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(113, 208, 201)` looks like.

```
.text, #text, p{  
    color:rgb(113, 208, 201)  
}
```

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(113, 208, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 208, 201) }
```

Border

The CSS property to change the border of an element to YUV 178.7970, 10.9461, -57.7040 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(113, 208, 201) }
```


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

```
.border{ border-color:rgb(113, 208, 201) }
```

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

Here you see how a box with a 4 pixel rgb(113, 208, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 208, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 208, 201);  
box-shadow:4px 4px 4px 4px rgb(113, 208,  
201) }
```

Background

The CSS property to change the background color of an element to YUV 178.7970, 10.9461, -57.7040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 208, 201) }
```

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

```
.background{ background-color: rgb(113,  
208, 201) }
```

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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