

Converting Colors

YUV(178.1050, 13.7522,
-71.1291)

Have a look what the booklet for
YUV(178.1050, 13.7522, -71.1291)
contains.

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Color

**YUV(178.1050, 13.7522,
-71.1291)**

Conversions

Conversions Part 1

Format	Color
Hex	61D6CE
RGB	97, 214, 206
RGB Percent	38%, 84%, 81%
CMY	0.6196, 0.1608, 0.1922
CMYK	0.55, 0.00, 0.04, 0.16
HSL	176°, 59%, 61%
HSV	176°, 55%, 84%
XYZ	40.1169, 55.0908, 66.9117
YIQ	178.1050, -67.1640, -27.2920

Conversions

Conversions Part 2

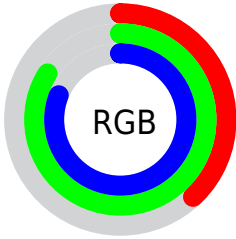
Format	Color
R_{YB}	97, 158, 214
Decimal	6411982
CIE _{Lab}	79.09, -34.83, -6.08
CIE _{LCh}	79, 35.354, 189.907
Yxy	55.0908, 0.2475, 0.3398
Android (android.graphics.Color)	4284602062 (0xFF61D6CE)
YUV	178.1050, 13.7522, -71.1291
Hunter-Lab	74.2231, -33.4129, -1.4934

Details

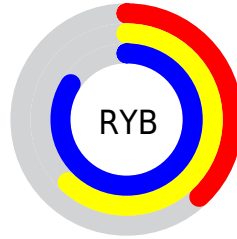
The YUV color **178.1050, 13.7522, -71.1291** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **132.8950, -13.7522, 71.1291**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.6980, 14.4459, -60.2481**, and **117.2390, 17.1372, -83.5246** is the 20% darker color. If you saturate the color by 10%, you get **171.7120, 16.4110, -83.9394**, and if you desaturate by 10%, it is **184.4980, 11.0935, -58.3187**.

Distribution



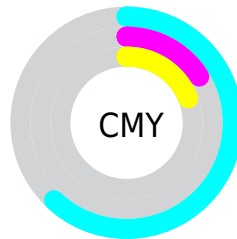
- Red (38%)
- Green (84%)
- Blue (81%)



- Red (38%)
- Yellow (62%)
- Blue (84%)



- Cyan (55%)
- Magenta (0%)
- Yellow (4%)
- Black (16%)



- Cyan (62%)
- Magenta (16%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.1050, 13.7522, -71.1291 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 178.1050, 13.7522, -71.1291 by changing the saturation by 10% instead.

■ 178.1050, 13.7522,
-71.1291

■ 178.1050, 13.7522,
-71.1291

255.0000, 0.0000,
0.0000

■ 149.0230, 14.7787,
-73.6882

■ 225.6980, 14.4459,
-60.2481

■ 117.2390, 17.1372,
-83.5246

■ 234.3690, 10.1711,
-42.4196

■ 91.8480, 16.8369,
-80.5507

■ 243.3390, 5.7489,
-23.9763

■ 73.7360, 13.4412,
-64.6665

■ 252.3090, 1.3267,
-5.5330

■ 56.9120, 9.9034,
-49.9118

■ 40.2020, 6.8024,
-35.2572

■ 25.4810, 3.7069,

-22.3468

■ 1.2540, 4.8048,
-1.0998

■ 0.0000, 0.0000,
0.0000

■ 178.1050, 13.7522,
-71.1291

■ 178.1050, 13.7522,
-71.1291

■ 171.7120, 16.4110,
-83.9394

■ 184.4980, 11.0935,
-58.3187

■ 164.9060, 18.7803,
-97.2646

■ 191.3040, 8.7241,
-44.9936

■ 158.5130, 21.4391,
-110.0749

■ 197.6970, 6.0654,
-32.1833

■ 151.7070, 23.8084,
-123.4000

■ 204.5030, 3.6960,
-18.8581

■ 148.3040, 24.9931,
-130.0626

■ 210.8960, 1.0373,
-6.0478

■ 217.4030, -1.1847,
6.6626

■ 224.0950, -3.9908,
20.0877

■ 226.7150, -4.2965,
24.8059

■ 226.8290, -3.8597,
24.7060

Harmonies

Analogous

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



183.8190, -5.8268, -44.5683



178.1050, 13.7522, -71.1291



177.1760, 29.4932, -79.9614

Triad

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



178.1050, 13.7522, -71.1291



200.0380, 22.6593, 12.2447



195.7340, -29.9419, 37.0673

Complementary

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



178.1050, 13.7522, -71.1291



132.8950, -13.7522, 71.1291

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.



197.2270, -20.8179, 50.6669



178.1050, 13.7522, -71.1291



200.9570, 8.8952, 40.3797

Square

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



178.1050, 13.7522, -71.1291



193.7670, 30.1879, -22.5977



197.8260, -5.8302, 50.1416



192.7650, -30.4501, 13.3611

Rectangle

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



178.1050, 13.7522, -71.1291



181.9200, 34.5494, -68.3358



197.8260, -5.8302, 50.1416



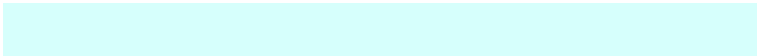
196.9350, -28.0690, 43.0300

Sweetspot

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



178.1050, 13.7522, -71.1291



242.3990, 4.7333, -24.9059



168.6690, -35.3328, -54.0837



120.2970, 2.8116, -15.1695



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.



178.1050, 13.7522, -71.1291



203.4000, 19.5228, -102.0828



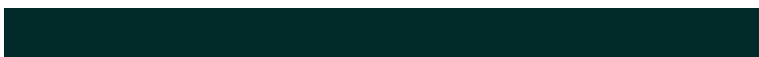
150.2540, 31.4268, -46.7038



103.5970, 1.1847, -6.6626



118.5030, 19.9650, -103.9271



29.8010, 5.0281, -26.1355

Inverse Universe

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



132.8950, -13.7522, 71.1291



138.4860, -19.9596, 102.1828



160.7460, -31.4268, 46.7038



99.4030, -1.1847, 6.6626



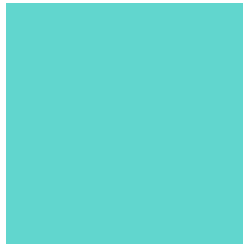
52.4970, -19.9650, 103.9271



13.1990, -5.0281, 26.1355

Previews

White Background



This preview shows how the YUV color 178.1050, 13.7522, -71.1291 looks on a white background.

Color Contrast Check

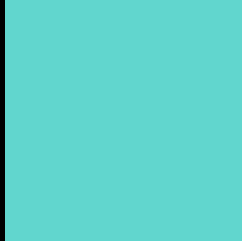
Large Text (above 18pt) WCAG AA × Fail

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 178.1050, 13.7522, -71.1291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

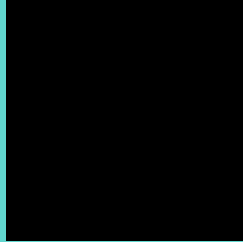
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

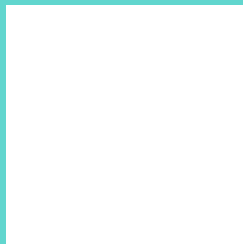
Any Text WCAG AAA ✓ Pass

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

YUV 178.1050, 13.7522, -71.1291 Background



This preview shows how black text looks on a background with the YUV color 178.1050, 13.7522, -71.1291.



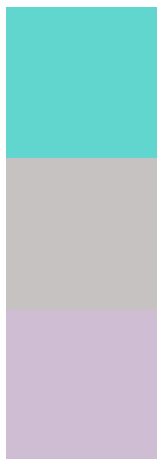
This preview shows how white text looks on a background with the YUV color 178.1050, 13.7522, -71.1291.

-71.1291.

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

178.1050, 13.7522, -71.1291

Protanopia

195.1960, -0.5896, 2.4591

Deuteranopia

196.5910, 7.1036, 8.2517



Tritanopia

181.2440, 23.0507, -66.8660

Trichromacy



Original Color

178.1050, 13.7522, -71.1291



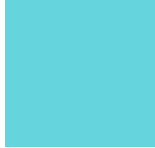
Protanomaly

188.6980, 4.5859, -24.2911



Deuteranomaly

189.6860, 9.5218, -20.7726



Tritanomaly

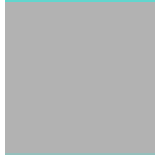
180.0220, 19.7092, -68.4253

Monochromacy



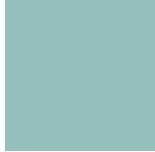
Original Color

178.1050, 13.7522, -71.1291



Achromatopsia

178.0000, 0.0000, 0.0000



Achromatomaly

178.1000, 4.8807, -25.5207

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.1050, 13.7522, -71.1291 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(97, 214, 206)` looks like.

```
.text, #text, p{  
    color:rgb(97, 214, 206)  
}
```

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(97, 214, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 214, 206) }
```

Border

The CSS property to change the border of an element to YUV 178.1050, 13.7522, -71.1291 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(97, 214, 206) }
```


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

```
.border{ border-color:rgb(97, 214, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 214, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 214, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 214, 206);  
box-shadow:4px 4px 4px 4px rgb(97, 214,  
206) }
```

Background

The CSS property to change the background color of an element to YUV 178.1050, 13.7522, -71.1291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 214, 206) }
```

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

```
.background{ background-color: rgb(97, 214,  
206) }
```

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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