

Converting Colors

YUV(172.3050, 17.1046,
-73.0585)

Have a look what the booklet for
YUV(172.3050, 17.1046, -73.0585)
contains.

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Color

**YUV(172.3050, 17.1046,
-73.0585)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 59D0CF |
| RGB | 89, 208, 207 |
| RGB Percent | 35%, 82%, 81% |
| CMY | 0.6510, 0.1843, 0.1882 |
| CMYK | 0.57, 0.00, 0.00, 0.18 |
| HSL | 179°, 56%, 58% |
| HSV | 179°, 57%, 82% |
| XYZ | 37.9382, 51.7406, 67.0189 |
| YIQ | 172.3050, -70.6030, -25.5390 |

Conversions

Conversions Part 2

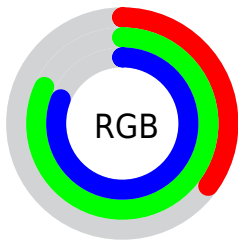
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 89, 149, 208 |
| Decimal | 5886159 |
| CIE _{Lab} | 77.13, -33.26, -9.57 |
| CIE _{LCh} | 77, 34.609, 196.047 |
| Yxy | 51.7406, 0.2421, 0.3302 |
| Android (android.graphics.Color) | 4284076239 (0xFF59D0CF) |
| YUV | 172.3050, 17.1046, -73.0585 |
| Hunter-Lab | 71.9309, -31.7337, -4.8895 |

Details

The YUV color **172.3050, 17.1046, -73.0585** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **124.6950, -17.1046, 73.0585**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.6050, 15.4777, -64.5516**, and **107.2530, 22.5533, -94.0609** is the 20% darker color. If you saturate the color by 10%, you get **166.0260, 20.2002, -85.9688**, and if you desaturate by 10%, it is **178.5840, 14.0091, -60.1482**.

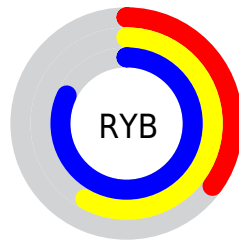
Distribution



Red (35%)

Green (82%)

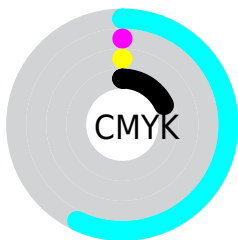
Blue (81%)



Red (35%)

Yellow (58%)

Blue (82%)

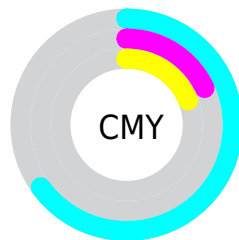


Cyan (57%)

Magenta (0%)

Yellow (0%)

Black (18%)



Cyan (65%)

Magenta (18%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.3050, 17.1046, -73.0585 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 172.3050, 17.1046, -73.0585 by changing the saturation by 10% instead.

■ 172.3050, 17.1046,
-73.0585

■ 172.3050, 17.1046,
-73.0585

■ 255.0000, 0.0000,
0.0000

■ 142.5110, 17.9891,
-76.7471

■ 223.6050, 15.4777,
-64.5516

■ 107.2530, 22.5533,
-94.0609

■ 232.5750, 11.0555,
-46.1083

■ 89.0270, 18.7207,
-78.0767

■ 241.2460, 6.7807,
-28.2797

■ 70.9150, 15.3249,
-62.1925

■ 250.5150, 2.2111,
-9.2217

■ 54.0910, 11.7871,
-47.4378

■ 37.3810, 8.6862,
-32.7831

■ 23.2470, 5.3012,

-20.3876

■ 1.2540, 4.8048,
-1.0998

■ 0.0000, 0.0000,
0.0000

■ 172.3050, 17.1046,
-73.0585

■ 172.3050, 17.1046,
-73.0585

■ 166.0260, 20.2002,
-85.9688

■ 178.5840, 14.0091,
-60.1482

■ 159.7470, 23.2957,
-98.8791

■ 184.8630, 10.9135,
-47.2379

■ 153.6530, 25.8071,
-111.0747

■ 190.9570, 8.4022,
-35.0423

■ 147.3740, 28.9026,
-123.9850

■ 197.2360, 5.3067,
-22.1320

■ 145.5800, 29.7871,
-127.6737

■ 203.5150, 2.2111,
-9.2217

■ 209.7940, -0.8844,
3.6887

■ 216.0730, -3.9800,
16.5990

■ 222.0530, -6.9281,
28.8945

■ 222.1670, -6.4913,
28.7945

Harmonies

Analogous

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



177.5240, -1.7373, -49.5715



172.3050, 17.1046, -73.0585



173.2520, 30.9348, -75.6430

Triad

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



172.3050, 17.1046, -73.0585



194.6860, 19.8748, 18.6924



189.7010, -29.9256, 31.8342

Complementary

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



172.3050, 17.1046, -73.0585



124.6950, -17.1046, 73.0585

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.



192.0480, -22.7017, 48.1929



172.3050, 17.1046, -73.0585



195.1700, 5.8322, 42.8239

Square

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



172.3050, 17.1046, -73.0585



191.1100, 30.0188, -15.0055



193.8110, -9.7668, 52.7858



186.7750, -28.9761, 7.2133

Rectangle

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



172.3050, 17.1046, -73.0585



179.1490, 33.9435, -60.6437



193.8110, -9.7668, 52.7858



190.7880, -28.4895, 37.8969

Sweetspot

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



172.3050, 17.1046, -73.0585



242.1430, 6.3385, -26.4354



159.4510, -34.7323, -60.0315



120.1120, 3.3958, -15.8842



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.



172.3050, 17.1046, -73.0585



202.2620, 25.5068, -108.1008



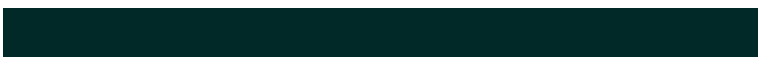
138.3730, 34.3261, -43.3001



101.5970, 1.1847, -6.6626



117.6540, 24.3276, -103.1826



28.6270, 5.6069, -25.1059

Inverse Universe

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



124.6950, -17.1046, 73.0585



131.8520, -25.0700, 108.0008



158.6270, -34.3261, 43.3001



97.2890, -1.6215, 6.7625



50.3460, -24.3276, 103.1826



12.2590, -6.0437, 25.2059

Previews

White Background



This preview shows how the YUV color 172.3050, 17.1046, -73.0585 looks on a white background.

Color Contrast Check

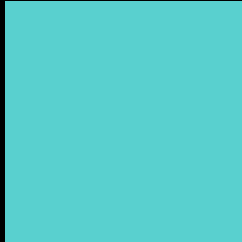
Large Text (above 18pt) WCAG AA × Fail

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 172.3050, 17.1046, -73.0585 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

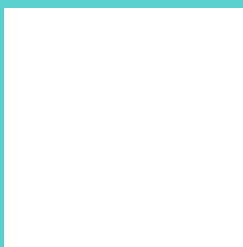
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 172.3050, 17.1046, -73.0585

Background



This preview shows how black text looks on a background with the YUV color 172.3050, 17.1046, -73.0585.



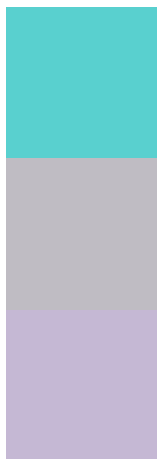
This preview shows how white text looks on a background with the YUV color 172.3050, 17.1046, -73.0585.

-73.0585.

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

172.3050, 17.1046, -73.0585

Protanopia

189.6950, 2.6154, 1.1445

Deuteranopia

191.0790, 10.3141, 5.1927



Tritanopia

174.6350, 23.3509, -69.8399

Trichromacy



Original Color

172.3050, 17.1046, -73.0585

Protanomaly

183.1970, 7.7909, -25.6058

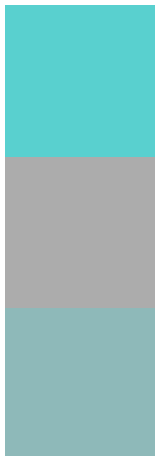
Deuteranomaly

184.4730, 12.5848, -23.2168

Tritanomaly

174.0540, 21.1724, -71.0844

Monochromacy



Original Color

172.3050, 17.1046, -73.0585

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

172.1430, 6.3385, -26.4354

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.3050, 17.1046, -73.0585 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(89, 208, 207)` looks like.

```
.text, #text, p{  
    color:rgb(89, 208, 207)  
}
```

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(89, 208, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 208, 207) }
```

Border

The CSS property to change the border of an element to YUV 172.3050, 17.1046, -73.0585 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(89, 208, 207) }
```


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

```
.border{ border-color:rgb(89, 208, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 208, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 208, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 208, 207);  
box-shadow:4px 4px 4px 4px rgb(89, 208,  
207) }
```

Background

The CSS property to change the background color of an element to YUV 172.3050, 17.1046, -73.0585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 208, 207) }
```

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

```
.background{ background-color: rgb(89, 208,  
207) }
```

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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