

Converting Colors

YUV(173.4510, 19.0047,
-75.8175)

Have a look what the booklet for
YUV(173.4510, 19.0047, -75.8175)
contains.

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Color

**YUV(173.4510, 19.0047,
-75.8175)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 57D2D4 |
| RGB | 87, 210, 212 |
| RGB Percent | 34%, 82%, 83% |
| CMY | 0.6588, 0.1765, 0.1686 |
| CMYK | 0.59, 0.01, 0.00, 0.17 |
| HSL | 181°, 59%, 59% |
| HSV | 181°, 59%, 83% |
| XYZ | 38.8607, 52.8729, 70.4447 |
| YIQ | 173.4510, -73.9500, -25.4540 |

Conversions

Conversions Part 2

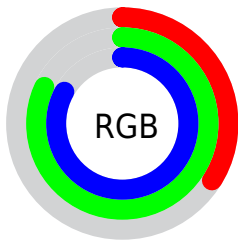
| Format | Color |
|-------------------------------------|---|
| RYB | 87, 149, 212 |
| Decimal | 5755604 |
| CIELab | 77.80, -33.21, -11.25 |
| CIELCh | 78, 35.063, 198.723 |
| Yxy | 52.8729, 0.2396, 0.3260 |
| Android (android.graphics.Color) | 4283945684 (0xFF57D2D4) |
| YUV | 173.4510, 19.0047, -75.8175 |
| Hunter-Lab | 72.7137, -31.8525, -6.5402 |

Details

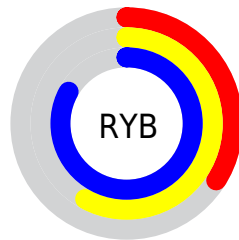
The YUV color **173.4510, 19.0047, -75.8175** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **125.5490, -19.0047, 75.8175**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.3060, 15.6251, -65.1664**, and **108.8830, 23.7217, -95.4904** is the 20% darker color. If you saturate the color by 10%, you get **167.1720, 22.1002, -88.7278**, and if you desaturate by 10%, it is **179.7300, 15.9091, -62.9072**.

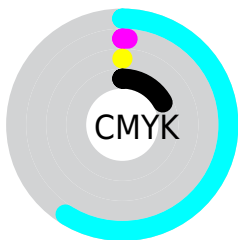
Distribution



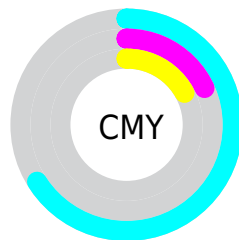
- Red (34%)
- Green (82%)
- Blue (83%)



- Red (34%)
- Yellow (58%)
- Blue (83%)



- Cyan (59%)
- Magenta (1%)
- Yellow (0%)
- Black (17%)



- Cyan (66%)
- Magenta (18%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.4510, 19.0047, -75.8175 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 173.4510, 19.0047, -75.8175 by changing the saturation by 10% instead.

■ 173.4510, 19.0047,
-75.8175

■ 173.4510, 19.0047,
-75.8175

255.0000, 0.0000,
0.0000

■ 143.0590, 20.1839,
-80.7357

■ 223.3060, 15.6251,
-65.1664

■ 108.8830, 23.7217,
-95.4904

■ 232.2760, 11.2029,
-46.7231

■ 90.6570, 19.8891,
-79.5062

■ 241.2460, 6.7807,
-28.2797

■ 72.5450, 16.4933,
-63.6220

■ 250.2160, 2.3585,
-9.8364

■ 55.1340, 13.2449,
-48.3525

■ 39.0110, 9.8546,
-34.2126

■ 24.7630, 6.0328,

-21.7172

■ 2.5250, 7.1362,
-2.2144

■ 0.0000, 0.0000,
0.0000

■ 173.4510, 19.0047,
-75.8175

■ 173.4510, 19.0047,
-75.8175

■ 167.1720, 22.1002,
-88.7278

■ 179.7300, 15.9091,
-62.9072

■ 160.3060, 25.4851,
-101.1234

■ 186.5960, 12.5242,
-50.5117

■ 153.7280, 28.7281,
-114.6485

■ 193.1740, 9.2812,
-36.9866

■ 147.4490, 31.8236,
-127.5588

■ 199.4530, 6.1857,
-24.0763

■ 146.8510, 32.1185,
-128.7883

■ 206.3190, 2.8007,
-11.6808

■ 212.5980, -0.2948,
1.2296

■ 218.8770, -3.3904,
14.1399

■ 225.4440, -6.6279,
25.9206

Harmonies

Analogous

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



178.2570, -0.1267, -52.8454



173.4510, 19.0047, -75.8175



175.4800, 31.8084, -75.8430

Triad

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



173.4510, 19.0047, -75.8175



196.7680, 18.8484, 21.2515



191.4620, -30.7938, 30.2898

Complementary

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



173.4510, 19.0047, -75.8175



125.5490, -19.0047, 75.8175

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.



193.7060, -24.0121, 48.4928



173.4510, 19.0047, -75.8175



196.8390, 4.5164, 44.8682

Square

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



173.4510, 19.0047, -75.8175



192.8330, 30.1553, -12.1315



194.5830, -10.6404, 52.9857



188.4650, -28.8232, 4.8542

Rectangle

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



173.4510, 19.0047, -75.8175



181.3880, 34.8117, -59.0993



194.5830, -10.6404, 52.9857



192.1470, -29.6525, 37.5821

Sweetspot

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



173.4510, 19.0047, -75.8175



240.6590, 7.0701, -27.7649



160.3750, -36.1739, -64.3499



118.7420, 4.5642, -17.3137



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.



173.4510, 19.0047, -75.8175



199.1200, 27.5488, -109.7302



138.2310, 36.3681, -44.9296



103.7110, 1.6215, -6.7625



118.1100, 26.0748, -103.5825



30.1430, 6.3385, -26.4354

Inverse Universe

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



138.3970, 35.3003, 64.5498



148.4110, 51.0694, 93.4786



161.3560, -36.6575, 44.4148



100.5430, 3.1833, 5.6628



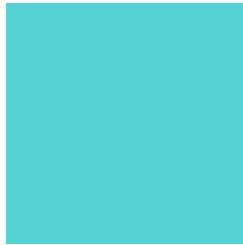
70.2810, 48.1755, 88.3306



17.7590, 12.4438, 22.1364

Previews

White Background



This preview shows how the YUV color 173.4510, 19.0047, -75.8175 looks on a white background.

Color Contrast Check

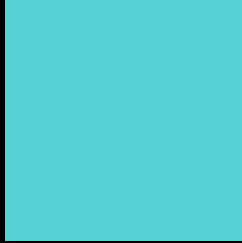
Large Text (above 18pt) WCAG AA × Fail

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 173.4510, 19.0047, -75.8175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

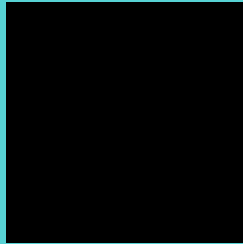
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 173.4510, 19.0047, -75.8175

Background



This preview shows how black text looks on a background with the YUV color 173.4510, 19.0047, -75.8175.



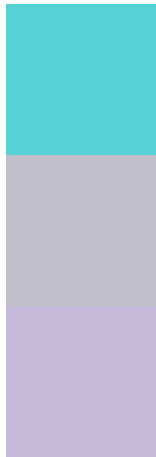
This preview shows how white text looks on a background with the YUV color 173.4510, 19.0047, -75.8175.

-75.8175.

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

173.4510, 19.0047, -75.8175

Protanopia

191.7380, 4.0732, 0.2298

Deuteranopia

192.8230, 11.9193, 3.6632



Tritanopia

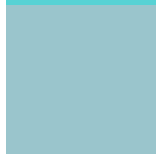
175.2540, 24.5248, -73.0138

Trichromacy



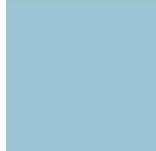
Original Color

173.4510, 19.0047, -75.8175



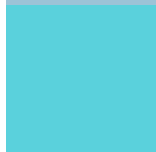
Protanomaly

184.9410, 9.3961, -27.1353



Deuteranomaly

185.9180, 14.3374, -25.3611



Tritanomaly

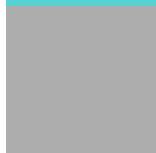
174.6730, 22.3462, -74.2582

Monochromacy



Original Color

173.4510, 19.0047, -75.8175



Achromatopsia

173.0000, 0.0000, 0.0000



Achromatomaly

172.9580, 6.9227, -27.1502

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.4510, 19.0047, -75.8175 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(87, 210, 212)` looks like.

```
.text, #text, p{  
    color:rgb(87, 210, 212)  
}
```

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(87, 210, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 210, 212) }
```

Border

The CSS property to change the border of an element to YUV 173.4510, 19.0047, -75.8175 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(87, 210, 212) }
```


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

```
.border{ border-color:rgb(87, 210, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 210, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 210, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 210, 212);  
box-shadow:4px 4px 4px 4px rgb(87, 210,  
212) }
```

Background

The CSS property to change the background color of an element to YUV 173.4510, 19.0047, -75.8175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 210, 212) }
```

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

```
.background{ background-color: rgb(87, 210,  
212) }
```

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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