

Converting Colors

YUV(158.5580, 19.9379,
-95.2054)

Have a look what the booklet for
YUV(158.5580, 19.9379, -95.2054)
contains.

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Color

**YUV(158.5580, 19.9379,
-95.2054)**

Conversions

Conversions Part 1

Format	Color
Hex	32CEC7
RGB	50, 206, 199
RGB Percent	20%, 81%, 78%
CMY	0.8039, 0.1922, 0.2196
CMYK	0.76, 0.00, 0.03, 0.19
HSL	177°, 61%, 50%
HSV	177°, 76%, 81%
XYZ	33.6955, 48.9442, 61.7041
YIQ	158.5580, -90.7290, -35.2490

Conversions

Conversions Part 2

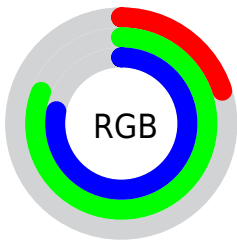
Format	Color
RYB	50, 130, 206
Decimal	3329735
CIELab	75.42, -40.16, -7.89
CIELCh	75, 40.932, 191.116
Yxy	48.9442, 0.2334, 0.3391
Android (android.graphics.Color)	4281519815 (0xFF32CEC7)
YUV	158.5580, 19.9379, -95.2054
Hunter-Lab	69.9602, -36.4578, -3.3210

Details

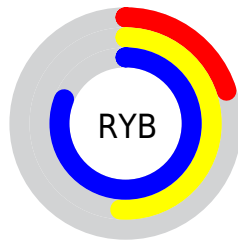
The YUV color **158.5580, 19.9379, -95.2054** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **97.4420, -19.9379, 95.2054**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.2330, 19.6051, -81.7653**, and **105.1670, 19.6377, -92.2315** is the 20% darker color. If you saturate the color by 10%, you get **152.1650, 22.5967, -108.0157**, and if you desaturate by 10%, it is **164.9510, 17.2792, -82.3950**.

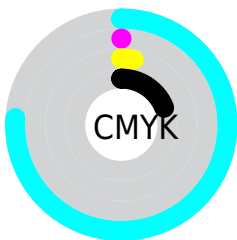
Distribution



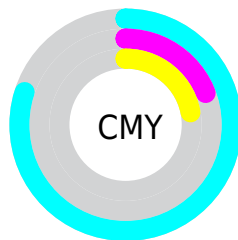
- Red (20%)
- Green (81%)
- Blue (78%)



- Red (20%)
- Yellow (51%)
- Blue (81%)



- Cyan (76%)
- Magenta (0%)
- Yellow (3%)
- Black (19%)



- Cyan (80%)
- Magenta (19%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.5580, 19.9379, -95.2054 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 158.5580, 19.9379, -95.2054 by changing the saturation by 10% instead.

■ 158.5580, 19.9379,
-95.2054

■ 158.5580, 19.9379,
-95.2054

■ 255.0000, 0.0000,
0.0000

■ 124.0940, 23.6177,
-108.8304

■ 215.2330, 19.6051,
-81.7653

■ 105.1670, 19.6377,
-92.2315

■ 224.8010, 14.8881,
-62.0925

■ 86.4680, 16.5313,
-75.8324

■ 233.7710, 10.4659,
-43.6492

■ 68.9430, 12.8461,
-60.4630

■ 243.0400, 5.8963,
-24.5911

■ 51.5320, 9.5977,
-45.1936

■ 252.3090, 1.3267,
-5.5330

■ 34.9360, 6.9336,
-30.6389

■ 19.6280, 4.1274,

-17.2138

■ 0.0000, 0.0000,
0.0000

■ 158.5580, 19.9379,
-95.2054

■ 158.5580, 19.9379,
-95.2054

■ 152.1650, 22.5967,
-108.0157

■ 164.9510, 17.2792,
-82.3950

■ 146.0710, 25.1080,
-120.2113

■ 171.0450, 14.7678,
-70.1995

■ 143.3800, 26.4347,
-125.7443

■ 177.4380, 12.1091,
-57.3891

■ 183.5320, 9.5977,
-45.1936

■ 189.9250, 6.9390,
-32.3832

■ 196.3180, 4.2802,
-19.5729

■ 202.2980, 1.3321,
-7.2773

■ 208.6910, -1.3267,
5.5330

■ 214.7850, -3.8380,
17.7286

Harmonies

Analogous

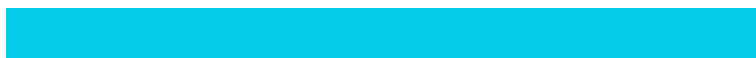
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



170.2800, -5.0680, -54.6196



158.5580, 19.9379, -95.2054



148.2180, 42.2905, -124.7252

Triad

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



158.5580, 19.9379, -95.2054



190.2710, 25.9954, 15.5483



184.9040, -34.4627, 40.4262

Complementary

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



158.5580, 19.9379, -95.2054



97.4420, -19.9379, 95.2054

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.



187.0600, -24.1866, 57.8294



158.5580, 19.9379, -95.2054



190.9300, 9.8945, 46.5424

Square

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



158.5580, 19.9379, -95.2054



183.7110, 35.1455, -26.0565



187.5390, -7.1677, 59.1633



181.9130, -34.9601, 13.2313

Rectangle

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



158.5580, 19.9379, -95.2054



163.9650, 42.9083, -89.4233



187.5390, -7.1677, 59.1633



185.9310, -32.0110, 47.4185

Sweetspot

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



158.5580, 19.9379, -95.2054



237.0170, 7.3866, -35.9719



143.9640, -46.3243, -75.3904



117.0080, 4.4331, -21.9320



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.



158.5580, 19.9379, -95.2054



184.4920, 29.8304, -141.6285



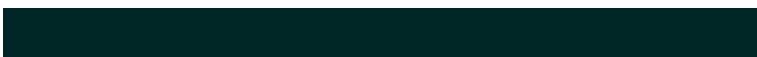
118.2660, 43.2529, -59.8693



99.0100, 1.4741, -6.1478



115.4540, 20.9752, -101.2532



26.5240, 5.1647, -23.2615

Inverse Universe

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



97.4420, -19.9379, 95.2054



93.5080, -29.8304, 141.6285



137.7340, -43.2529, 59.8693



94.9900, -1.4741, 6.1478



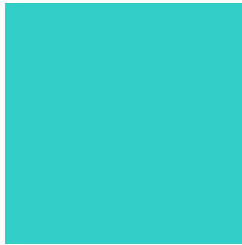
50.4320, -21.4120, 101.3531



11.5900, -4.7279, 23.1616

Previews

White Background



This preview shows how the YUV color 158.5580, 19.9379, -95.2054 looks on a white background.

Color Contrast Check

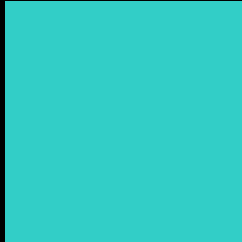
Large Text (above 18pt) WCAG AA × Fail

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 158.5580, 19.9379, -95.2054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

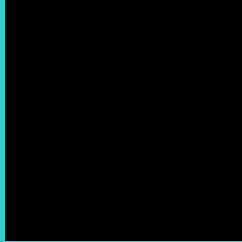
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

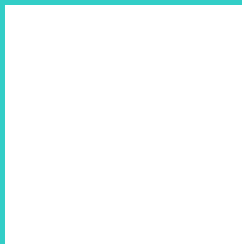
Any Text WCAG AAA ✓ Pass

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

YUV 158.5580, 19.9379, -95.2054 Background



This preview shows how black text looks on a background with the YUV color 158.5580, 19.9379, -95.2054.



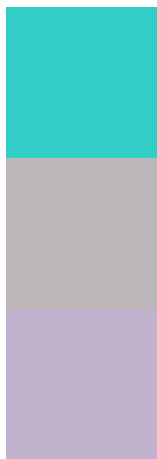
This preview shows how white text looks on a background with the YUV color 158.5580, 19.9379, -95.2054.

-95.2054.

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

158.5580, 19.9379, -95.2054

Protanopia

184.4240, 0.2840, 2.2592

Deuteranopia

186.1500, 9.2930, 6.0074



Tritanopia

163.2630, 27.4783, -87.0537

Trichromacy



Original Color

158.5580, 19.9379, -95.2054



Protanomaly

174.7400, 7.5232, -33.0980



Deuteranomaly

176.2440, 13.1907, -30.9090



Tritanomaly

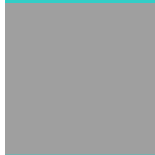
161.5570, 24.8684, -89.9425

Monochromacy



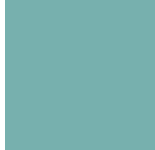
Original Color

158.5580, 19.9379, -95.2054



Achromatopsia

159.0000, 0.0000, 0.0000



Achromatomaly

158.7290, 7.5286, -34.8423

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.5580, 19.9379, -95.2054 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(50, 206, 199)` looks like.

```
.text, #text, p{  
    color:rgb(50, 206, 199)  
}
```

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(50, 206, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 206, 199) }
```

Border

The CSS property to change the border of an element to YUV 158.5580, 19.9379, -95.2054 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(50, 206, 199) }
```


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

```
.border{ border-color:rgb(50, 206, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 206, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 206, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 206, 199);  
box-shadow:4px 4px 4px 4px rgb(50, 206,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 158.5580, 19.9379, -95.2054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 206, 199) }
```

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

```
.background{ background-color: rgb(50, 206,  
199) }
```

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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