

Converting Colors

YUV(175.4180, 19.0209,
-81.0506)

Have a look what the booklet for
YUV(175.4180, 19.0209, -81.0506)
contains.

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Color

**YUV(175.4180, 19.0209,
-81.0506)**

Conversions

Conversions Part 1

Format	Color
Hex	53D7D6
RGB	83, 215, 214
RGB Percent	33%, 84%, 84%
CMY	0.6745, 0.1569, 0.1608
CMYK	0.61, 0.00, 0.00, 0.16
HSL	180°, 62%, 58%
HSV	180°, 61%, 84%
XYZ	40.0053, 55.2949, 72.1828
YIQ	175.4180, -78.3510, -28.2950

Conversions

Conversions Part 2

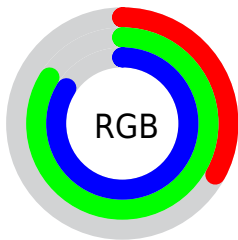
Format	Color
RYB	83, 149, 215
Decimal	5494742
CIELab	79.21, -35.68, -10.23
CIELCh	79, 37.119, 196.003
Yxy	55.2949, 0.2389, 0.3302
Android (android.graphics.Color)	4283684822 (0xFF53D7D6)
YUV	175.4180, 19.0209, -81.0506
Hunter-Lab	74.3606, -34.0996, -5.5012

Details

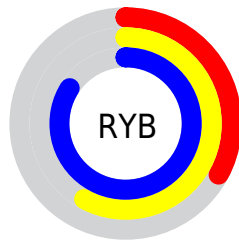
The YUV color **175.4180, 19.0209, -81.0506** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **122.5820, -19.0209, 81.0506**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.4090, 16.0674, -67.0107**, and **112.0460, 23.1483, -98.2643** is the 20% darker color. If you saturate the color by 10%, you get **169.1390, 22.1165, -93.9609**, and if you desaturate by 10%, it is **181.9960, 15.7780, -67.5255**.

Distribution



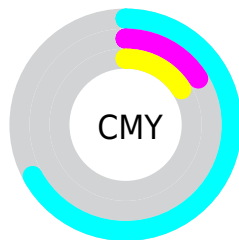
- Red (33%)
- Green (84%)
- Blue (84%)



- Red (33%)
- Yellow (58%)
- Blue (84%)



- Cyan (61%)
- Magenta (0%)
- Yellow (0%)
- Black (16%)



- Cyan (67%)
- Magenta (16%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.4180, 19.0209, -81.0506 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 175.4180, 19.0209, -81.0506 by changing the saturation by 10% instead.

■ 175.4180, 19.0209,
-81.0506

■ 175.4180, 19.0209,
-81.0506

255.0000, 0.0000,
0.0000

■ 144.4280, 20.4950,
-87.1984

■ 222.4090, 16.0674,
-67.0107

■ 112.0460, 23.1483,
-98.2643

■ 231.6780, 11.4977,
-47.9526

■ 93.2330, 19.6051,
-81.7653

■ 240.6480, 7.0755,
-29.5093

■ 75.1210, 16.2093,
-65.8811

■ 249.6180, 2.6533,
-11.0660

■ 57.7100, 12.9610,
-50.6117

■ 41.0000, 9.8600,
-35.9570

■ 26.7520, 6.0383,

-23.4615

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,
0.0000

■ 175.4180, 19.0209,
-81.0506

■ 175.4180, 19.0209,
-81.0506

■ 169.1390, 22.1165,
-93.9609

■ 181.9960, 15.7780,
-67.5255

■ 162.5610, 25.3594,
-107.4860

■ 188.2750, 12.6824,
-54.6152

■ 156.2820, 28.4550,
-120.3963

■ 194.8530, 9.4395,
-41.0901

■ 150.4870, 30.8189,
-131.9771

■ 201.2460, 6.7807,
-28.2797

■ 207.8240, 3.5378,
-14.7546

■ 214.1030, 0.4422,
-1.8443

■ 220.6810, -2.8007,
11.6808

■ 226.9600, -5.8963,
24.5911

Harmonies

Analogous

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



181.7900, -1.8685, -54.1898



175.4180, 19.0209, -81.0506



176.2940, 33.8721, -84.4498

Triad

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



175.4180, 19.0209, -81.0506



201.0390, 21.1798, 20.1368



195.0280, -32.5518, 34.1784

Complementary

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



175.4180, 19.0209, -81.0506



122.5820, -19.0209, 81.0506

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.



197.0160, -24.1649, 50.8520



175.4180, 19.0209, -81.0506



201.3060, 6.2581, 46.2126

Square

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



175.4180, 19.0209, -81.0506



195.2840, 29.4400, -16.0351



196.4410, -8.5984, 51.3562



192.2050, -31.1601, 7.7132

Rectangle

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



175.4180, 19.0209, -81.0506



182.2730, 35.8544, -66.8914



196.4410, -8.5984, 51.3562



195.9410, -30.5369, 41.2707

Sweetspot

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



175.4180, 19.0209, -81.0506



241.2460, 6.7807, -28.2797



161.0820, -38.4944, -66.7239



119.2150, 3.8380, -17.7286



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.



175.4180, 19.0209, -81.0506



198.3750, 27.4231, -116.0929



137.9640, 37.9787, -48.2034



103.7110, 1.6215, -6.7625



119.7570, 24.7698, -105.0269



30.1430, 6.3385, -26.4354

Inverse Universe

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



122.5820, -19.0209, 81.0506



122.7390, -26.9863, 115.9929



160.0360, -37.9787, 48.2034



99.2890, -1.6215, 6.7625



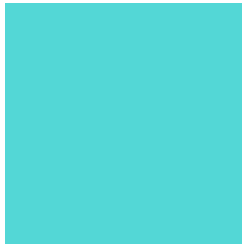
51.2430, -24.7698, 105.0269



12.8570, -6.3385, 26.4354

Previews

White Background



This preview shows how the YUV color 175.4180, 19.0209, -81.0506 looks on a white background.

Color Contrast Check

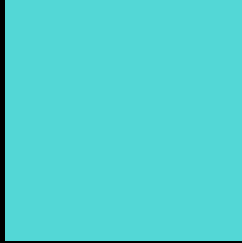
Large Text (above 18pt) WCAG AA × Fail

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 175.4180, 19.0209, -81.0506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

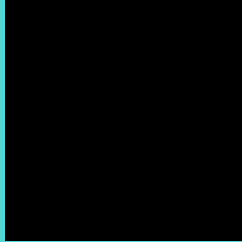
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

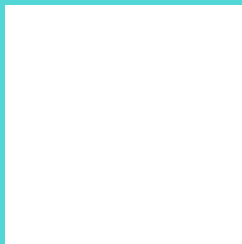
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 175.4180, 19.0209, -81.0506

Background



This preview shows how black text looks on a background with the YUV color 175.4180, 19.0209, -81.0506.



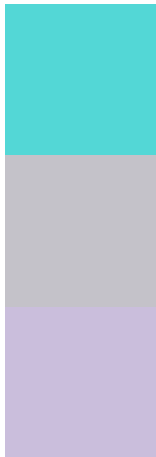
This preview shows how white text looks on a background with the YUV color 175.4180, 19.0209, -81.0506.

-81.0506.

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

175.4180, 19.0209, -81.0506

Protanopia

195.3960, 2.7628, 0.5297

Deuteranopia

197.0080, 11.3351, 4.3780



Tritanopia

178.1610, 25.5566, -77.3172

Trichromacy



Original Color

175.4180, 19.0209, -81.0506

Protanomaly

188.4030, 8.6753, -29.2944

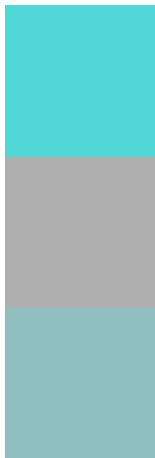
Deuteranomaly

189.2060, 14.1954, -26.4907

Tritanomaly

177.1670, 23.0887, -79.0765

Monochromacy



Original Color

175.4180, 19.0209, -81.0506

Achromatopsia

175.0000, 0.0000, 0.0000

Achromatomaly

175.5340, 6.6387, -29.4093

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.4180, 19.0209, -81.0506 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(83, 215, 214)` looks like.

```
.text, #text, p{  
    color:rgb(83, 215, 214)  
}
```

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(83, 215, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 215, 214) }
```

Border

The CSS property to change the border of an element to YUV 175.4180, 19.0209, -81.0506 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(83, 215, 214) }
```


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

```
.border{ border-color:rgb(83, 215, 214) }
```

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

Here you see how a box with a 4 pixel rgb(83, 215, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 215, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 215, 214);  
box-shadow:4px 4px 4px 4px rgb(83, 215,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 175.4180, 19.0209, -81.0506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 215, 214) }
```

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

```
.background{ background-color: rgb(83, 215,  
214) }
```

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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