

# Converting Colors

YUV(181.5880, 14.5001,  
-77.6917)

Have a look what the booklet for  
YUV(181.5880, 14.5001, -77.6917)  
contains.

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# Color

**YUV(181.5880, 14.5001,  
-77.6917)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 5DDDD3                       |
| RGB         | 93, 221, 211                 |
| RGB Percent | 36%, 87%, 83%                |
| CMY         | 0.6353, 0.1333, 0.1725       |
| CMYK        | 0.58, 0.00, 0.05, 0.13       |
| HSL         | 175°, 65%, 62%               |
| HSV         | 175°, 58%, 87%               |
| XYZ         | 42.1285, 58.7432, 70.7462    |
| YIQ         | 181.5880, -73.0780, -30.2460 |

# Conversions

## Conversions Part 2

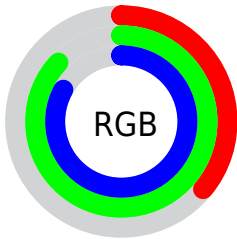
| Format                              | Color   |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">93, 160, 221</a>                    |
| Decimal                             | <a href="#">6151635</a>                         |
| CIELab                              | <a href="#">81.15, -37.52, -5.72</a>            |
| CIELCh                              | <a href="#">81, 37.959, 188.674</a>             |
| Yxy                                 | <a href="#">58.7432, 0.2455,<br/>0.3423</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4284341715<br/>(0xFF5DDDD3)</a>     |
| YUV                                 | <a href="#">181.5880, 14.5001,<br/>-77.6917</a> |
| Hunter-Lab                          | <a href="#">76.6441, -36.0122,<br/>-1.0766</a>  |

# Details

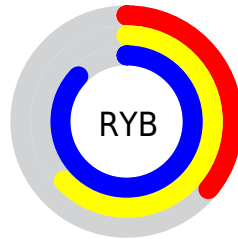
The YUV color **181.5880, 14.5001, -77.6917** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **132.4120, -14.5001, 77.6917**, and the grayscale version is **182.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.8010, 14.8881, -62.0925**, and **114.7530, 20.8278, -100.6384** is the 20% darker color. If you saturate the color by 10%, you get **174.7820, 16.8695, -91.0168**, and if you desaturate by 10%, it is **188.3940, 12.1308, -64.3665**.

# Distribution



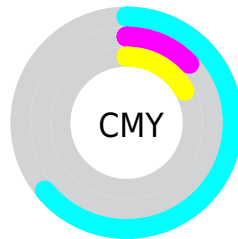
- Red (36%)
- Green (87%)
- Blue (83%)



- Red (36%)
- Yellow (63%)
- Blue (87%)



- Cyan (58%)
- Magenta (0%)
- Yellow (5%)
- Black (13%)



- Cyan (64%)
- Magenta (13%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 181.5880, 14.5001, -77.6917 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 181.5880, 14.5001, -77.6917 by changing the saturation by 10% instead.



181.5880, 14.5001,  
-77.6917

181.5880, 14.5001,  
-77.6917

255.0000, 0.0000,  
0.0000

151.7940, 15.3846,  
-81.3803

224.8010, 14.8881,  
-62.0925

114.7530, 20.8278,  
-100.6384

233.7710, 10.4659,  
-43.6492

96.5270, 16.9952,  
-84.6542

243.0400, 5.8963,  
-24.5911

78.3010, 13.1626,  
-68.6700

252.0100, 1.4741,  
-6.1478

60.3030, 10.2036,  
-52.8857

43.5930, 7.1027,  
-38.2311

28.2850, 4.2965,

-24.8059

■ 7.2210, 4.8210,  
-6.3328

■ 0.0000, 0.0000,  
0.0000

■ 181.5880, 14.5001,  
-77.6917

■ 181.5880, 14.5001,  
-77.6917

■ 174.7820, 16.8695,  
-91.0168

■ 188.3940, 12.1308,  
-64.3665

■ 168.0900, 19.6756,  
-104.4419

■ 195.0860, 9.3246,  
-50.9414

■ 161.2840, 22.0450,  
-117.7671

■ 201.8920, 6.9552,  
-37.6163

■ 154.4780, 24.4143,  
-131.0922

■ 208.6980, 4.5859,  
-24.2911

■ 152.9830, 25.1514,  
-134.1661

■ 215.8030, 2.0691,  
-10.3512

■ 222.4950, -0.7370,  
3.0739

■ 229.3010, -3.1064,  
16.3990

■ 231.6220, -3.2646,  
20.5025

■ 231.8500, -2.3910,  
20.3026

# Harmonies

## Analogous

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



188.5690, -6.6895, -47.8570



181.5880, 14.5001, -77.6917



179.5060, 32.2885, -89.8978

# Triad

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



181.5880, 14.5001, -77.6917



205.4940, 24.4065, 11.8448



201.7730, -32.4261, 40.5411

# Complementary

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



181.5880, 14.5001, -77.6917



132.4120, -14.5001, 77.6917

# 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.



200.0310, -20.2283, 48.2078



181.5880, 14.5001, -77.6917



206.7230, 10.4896, 42.3389

# Square

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



181.5880, 14.5001, -77.6917



197.5880, 28.3041, -25.0717



200.8580, -4.3670, 47.4825



198.6790, -33.3657, 15.1905



# Rectangle

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



181.5880, 14.5001, -77.6917



184.2780, 34.8659, -76.5428



200.8580, -4.3670, 47.4825



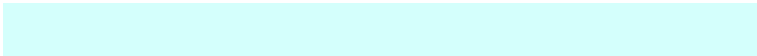
202.2020, -29.6796, 46.3038

# Sweetspot

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



181.5880, 14.5001, -77.6917



241.8010, 5.0281, -26.1355



171.4250, -38.6635, -59.1317



119.9980, 2.9590, -15.7842



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.



181.5880, 14.5001, -77.6917



200.1820, 20.1233, -108.0306



151.6170, 34.2058, -51.4071



106.5970, 1.1847, -6.6626



119.7910, 19.8230, -105.0567



31.7900, 5.0335, -27.8798



# Inverse Universe

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



132.4120, -14.5001, 77.6917



131.7040, -20.5601, 108.1306



162.3830, -34.2058, 51.4071



102.4030, -1.1847, 6.6626



53.3230, -19.3862, 104.9567

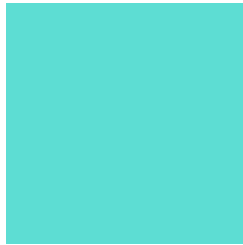


14.2100, -5.0335, 27.8798



# Previews

## White Background



This preview shows how the YUV color 181.5880, 14.5001, -77.6917 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

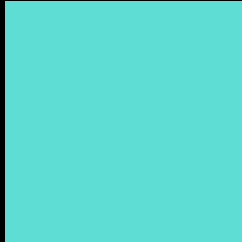
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 181.5880, 14.5001, -77.6917 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

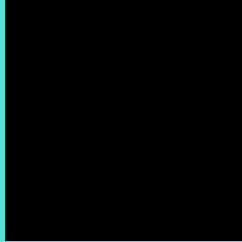
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

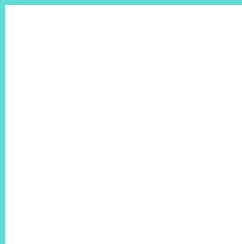
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 181.5880, 14.5001, -77.6917

## Background



This preview shows how black text looks on a background with the YUV color 181.5880, 14.5001, -77.6917.



This preview shows how white text looks on a background with the YUV color 181.5880, 14.5001, -77.6917.

-77.6917.

# 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

181.5880, 14.5001, -77.6917

### Protanopia

200.3810, -1.1738, 3.1739

### Deuteranopia

202.0040, 7.3930, 8.7665



## Tritanopia

184.6670, 24.8142, -72.4990

# Trichromacy



## Original Color

181.5880, 14.5001, -77.6917



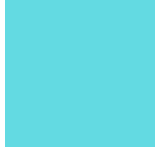
## Protanomaly

193.6870, 4.5913, -26.0355



## Deuteranomaly

194.7890, 9.9640, -22.6170



## Tritanomaly

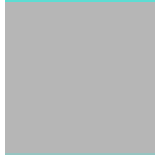
183.3310, 21.0358, -73.9583

# Monochromacy



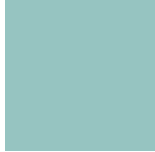
## Original Color

181.5880, 14.5001, -77.6917



## Achromatopsia

182.0000, 0.0000, 0.0000



## Achromatomaly

181.9040, 5.4703, -27.9798

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 181.5880, 14.5001, -77.6917 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(93, 221, 211)` looks like.

```
.text, #text, p{  
    color:rgb(93, 221, 211)  
}
```

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(93, 221, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 221, 211) }
```

## Border

The CSS property to change the border of an element to YUV 181.5880, 14.5001, -77.6917 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(93, 221, 211) }
```



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

```
.border{ border-color:rgb(93, 221, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 221, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 221, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 221, 211);  
box-shadow:4px 4px 4px 4px rgb(93, 221,  
211) }
```

# Background

The CSS property to change the background color of an element to YUV 181.5880, 14.5001, -77.6917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 221, 211) }
```

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

```
.background{ background-color: rgb(93, 221,  
211) }
```

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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