

# Converting Colors

YUV(180.5520, 22.4059,  
-93.4461)

Have a look what the booklet for  
YUV(180.5520, 22.4059, -93.4461)  
contains.

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# Color

**YUV(180.5520, 22.4059,  
-93.4461)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 4AE2E2                       |
| RGB         | 74, 226, 226                 |
| RGB Percent | 29%, 89%, 89%                |
| CMY         | 0.7098, 0.1137, 0.1137       |
| CMYK        | 0.67, 0.00, 0.00, 0.11       |
| HSL         | 180°, 72%, 59%               |
| HSV         | 180°, 67%, 89%               |
| XYZ         | 43.7479, 61.3395, 81.4855    |
| YIQ         | 180.5520, -90.5920, -32.2240 |

# Conversions

## Conversions Part 2

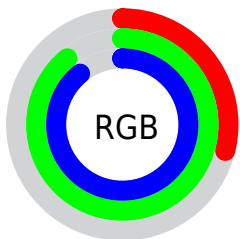
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">74, 150, 226</a>                                 |
| Decimal                             | <a href="#">4907746</a>                                      |
| CIELab                              | <a href="#">82.56, -38.78, -11.65</a>                        |
| CIELCh                              | <a href="#">83, 40.494, 196.718</a>                          |
| Yxy                                 | <a href="#">61.3395, 0.2345, 0.3288</a>                      |
| Android<br>(android.graphics.Color) | <a href="#">4283097826</a><br>( <a href="#">0xFF4AE2E2</a> ) |
| YUV                                 | <a href="#">180.5520, 22.4059, -93.4461</a>                  |
| Hunter-Lab                          | <a href="#">78.3196, -37.3524, -6.8630</a>                   |

# Details

The YUV color **180.5520, 22.4059, -93.4461** 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 **119.4480, -22.4059, 93.4461**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.2130, 16.6570, -69.4698**, and **119.2840, 25.4960, -104.6121** is the 20% darker color. If you saturate the color by 10%, you get **173.6750, 25.7962, -107.5860**, and if you desaturate by 10%, it is **187.4290, 19.0155, -79.3062**.

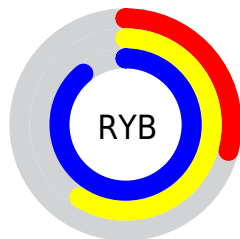
# Distribution



Red (29%)

Green (89%)

Blue (89%)



Red (29%)

Yellow (59%)

Blue (89%)

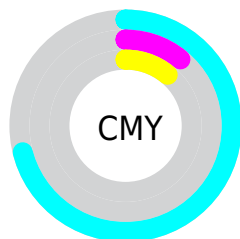


Cyan (67%)

Magenta (0%)

Yellow (0%)

Black (11%)



Cyan (71%)

Magenta (11%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 180.5520, 22.4059, -93.4461 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 180.5520, 22.4059, -93.4461 by changing the saturation by 10% instead.



180.5520, 22.4059,  
-93.4461

180.5520, 22.4059,  
-93.4461

255.0000, 0.0000,  
0.0000

145.6750, 25.7962,  
-107.5860

221.2130, 16.6570,  
-69.4698

119.2840, 25.4960,  
-104.6121

230.4820, 12.0874,  
-50.4117

100.3570, 21.5160,  
-88.0131

239.7510, 7.5178,  
-31.3536

82.2450, 18.1202,  
-72.1289

249.0200, 2.9481,  
-12.2955

64.7200, 14.4350,  
-56.7594

47.3090, 11.1867,  
-41.4900

31.3000, 8.2331,

-27.4501

■ 13.1710, 7.3107,  
-11.5510

■ 0.0000, 0.0000,  
0.0000

■ 180.5520, 22.4059,  
-93.4461

■ 180.5520, 22.4059,  
-93.4461

■ 173.6750, 25.7962,  
-107.5860

■ 187.4290, 19.0155,  
-79.3062

■ 167.0970, 29.0392,  
-121.1111

■ 194.0070, 15.7725,  
-65.7811

■ 160.2200, 32.4295,  
-135.2509

■ 200.8840, 12.3822,  
-51.6413

■ 158.4260, 33.3140,  
-138.9396

■ 207.4620, 9.1392,  
-38.1162

■ 214.3390, 5.7489,  
-23.9763

■ 221.2160, 2.3585,  
-9.8364

■ 227.7940, -0.8844,  
3.6887

■ 234.6710, -4.2748,  
17.8285

# Harmonies

## Analogous

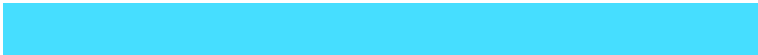
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



189.2730, -1.1206, -60.7524



180.5520, 22.4059, -93.4461



180.3140, 36.8202, -96.7454

# Triad

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



180.5520, 22.4059, -93.4461



210.2890, 22.0425, 23.4255



204.2410, -35.6148, 36.6226

# Complementary

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



180.5520, 22.4059, -93.4461



119.4480, -22.4059, 93.4461

# 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.



202.1680, -24.7328, 46.3337



180.5520, 22.4059, -93.4461



206.2670, 8.7424, 42.7388

# Square

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



180.5520, 22.4059, -93.4461



203.2580, 25.5088, -15.1353



201.2340, -8.0034, 47.1528



201.1080, -34.0702, 7.7983



# Rectangle

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



180.5520, 22.4059, -93.4461



187.5450, 33.2553, -73.2690



201.2340, -8.0034, 47.1528



205.0400, -34.0367, 43.8149

# Sweetspot

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



180.5520, 22.4059, -93.4461



239.7510, 7.5178, -31.3536



163.2240, -43.9874, -78.2494



118.7310, 4.5696, -19.0581



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.



180.5520, 22.4059, -93.4461



193.1070, 30.5132, -127.2588



135.9400, 44.3996, -54.3214



108.7110, 1.6215, -6.7625



123.3760, 25.9436, -108.2008



33.6480, 7.0755, -29.5093



# Inverse Universe

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



136.7760, 43.9874, 78.2494



133.4910, 59.9039, 106.5634



164.0600, -44.3996, 54.3214



105.5430, 3.1833, 5.6628



72.6880, 50.9328, 90.6046

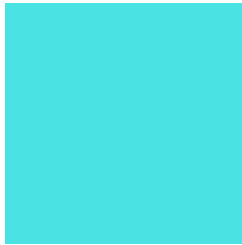


19.8240, 13.8908, 24.7104



# Previews

## White Background



This preview shows how the YUV color 180.5520, 22.4059, -93.4461 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

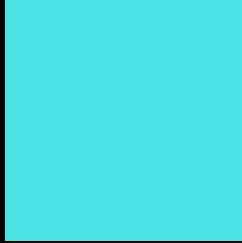
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 180.5520, 22.4059, -93.4461 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

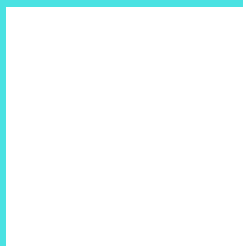
Any Text WCAG AAA ✓ Pass

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

# YUV 180.5520, 22.4059, -93.4461 Background



This preview shows how black text looks on a background with the YUV color 180.5520, 22.4059, -93.4461.



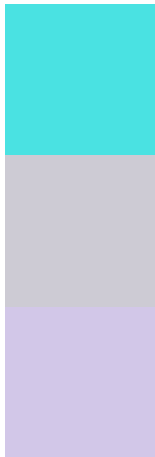
This preview shows how white text looks on a background with the YUV color 180.5520, 22.4059, -93.4461.



# 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

180.5520, 22.4059, -93.4461

### Protanopia

204.6240, 3.6364, 0.3298

### Deuteranopia

206.0510, 12.7929, 3.4633



**Tritanopia**

183.8930, 28.6468, -88.4832

# Trichromacy



## Original Color

180.5520, 22.4059, -93.4461



## Protanomaly

195.5380, 10.5808, -33.7978



## Deuteranomaly

197.0420, 16.2483, -31.6088



## Tritanomaly

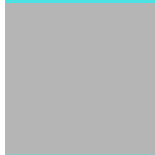
182.8990, 26.1788, -90.2424

# Monochromacy



## Original Color

180.5520, 22.4059, -93.4461



## Achromatopsia

181.0000, 0.0000, 0.0000



## Achromatomaly

180.5550, 8.1074, -33.8127

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 180.5520, 22.4059, -93.4461 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(74, 226, 226)` looks like.

```
.text, #text, p{  
    color:rgb(74, 226, 226)  
}
```

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(74, 226, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 226, 226) }
```

## Border

The CSS property to change the border of an element to YUV 180.5520, 22.4059, -93.4461 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(74, 226, 226) }
```



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

```
.border{ border-color:rgb(74, 226, 226) }
```

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

Here you see how a box with a 4 pixel rgb(74, 226, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 226, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 226, 226);  
box-shadow:4px 4px 4px 4px rgb(74, 226,  
226) }
```

# Background

The CSS property to change the background color of an element to YUV 180.5520, 22.4059, -93.4461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 226, 226) }
```

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

```
.background{ background-color: rgb(74, 226,  
226) }
```

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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