

# Converting Colors

YUV(178.5550, 27.8274,  
-105.7267)

Have a look what the booklet for  
YUV(178.5550, 27.8274, -105.7267)  
contains.

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# Color

**YUV(178.5550, 27.8274,  
-105.7267)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3AE5EB
RGB	58, 229, 235
RGB Percent	23%, 90%, 92%
CMY	0.7725, 0.1020, 0.0784
CMYK	0.75, 0.03, 0.00, 0.08
HSL	182°, 82%, 57%
HSV	182°, 75%, 92%
XYZ	44.7596, 62.9363, 88.3861
YIQ	178.5550, -103.8420, -34.3860

# Conversions

## Conversions Part 2

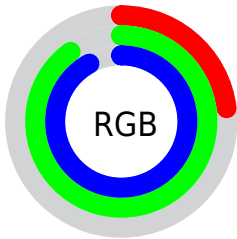
<b>Format</b>	<b>Color</b>
<b>RYB</b>	58, 145, 235
Decimal	3859947
CIELab	83.41, -39.48, -15.17
CIELCh	83, 42.299, 201.022
Yxy	62.9363, 0.2283, 0.3210
Android (android.graphics.Color)	4282050027 (0xFF3AE5EB)
YUV	178.5550, 27.8274, -105.7267
Hunter-Lab	79.3324, -38.1214, -10.5237

# Details

The YUV color **178.5550, 27.8274, -105.7267** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **114.4450, -27.8274, 105.7267**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.5220, 17.9837, -75.0028**, and **121.9570, 28.1222, -106.9563** is the 20% darker color. If you saturate the color by 10%, you get **171.0910, 31.5071, -119.3518**, and if you desaturate by 10%, it is **186.3180, 24.0002, -91.4869**.

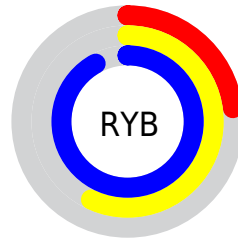
# Distribution



Red (23%)

Green (90%)

Blue (92%)



Red (23%)

Yellow (57%)

Blue (92%)

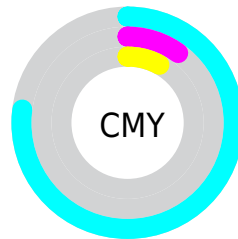


Cyan (75%)

Magenta (3%)

Yellow (0%)

Black (8%)



Cyan (77%)

Magenta (10%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 178.5550, 27.8274, -105.7267 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 178.5550, 27.8274, -105.7267 by changing the saturation by 10% instead.



178.5550, 27.8274,  
-105.7267

178.5550, 27.8274,  
-105.7267

255.0000, 0.0000,  
0.0000

141.5850, 32.2496,  
-124.1700

218.5220, 17.9837,  
-75.0028

121.9570, 28.1222,  
-106.9563

228.0900, 13.2666,  
-55.3299

103.1440, 24.5790,  
-90.4573

237.6580, 8.5496,  
-35.6571

84.9180, 20.7464,  
-74.4731

247.2260, 3.8326,  
-15.9842

66.8060, 17.3506,  
-58.5889

49.9820, 13.8129,  
-43.8342

33.2720, 10.7119,

-29.1795

■ 16.2030, 8.7739,  
-14.2100

■ 1.0260, 3.9312,  
-0.8998

■ 178.5550, 27.8274,  
-105.7267

■ 178.5550, 27.8274,  
-105.7267

■ 171.0910, 31.5071,  
-119.3518

■ 186.3180, 24.0002,  
-91.4869

■ 163.3280, 35.3343,  
-133.5917

■ 193.7820, 20.3205,  
-77.8618

■ 160.0390, 36.9558,  
-140.3542

■ 200.9580, 16.7827,  
-63.1072

■ 208.4220, 13.1030,  
-49.4821

■ 216.1850, 9.2758,  
-35.2422

■ 223.6490, 5.5960,  
-21.6172

■ 231.4120, 1.7689,  
-7.3773

■ 238.2890, -1.6215,  
6.7625

■ 241.5670, -3.2375,  
11.7807

# Harmonies

## Analogous

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



189.1300, 2.4009, -70.2740



178.5550, 27.8274, -105.7267



180.5800, 36.6891, -101.3637

# Triad

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



178.5550, 27.8274, -105.7267



212.9800, 20.7159, 28.9585



205.9480, -37.9354, 34.2486

# Complementary

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



178.5550, 27.8274, -105.7267



114.4450, -27.8274, 105.7267

# 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.



203.3590, -27.7850, 45.2892



178.5550, 27.8274, -105.7267



206.0390, 7.8688, 42.9388

# Square

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



178.5550, 27.8274, -105.7267



205.9490, 24.1821, -9.6023



201.3650, -10.0399, 47.0379



202.2600, -34.6382, 3.2800



# Rectangle

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



178.5550, 27.8274, -105.7267



189.9150, 32.0869, -71.8395



201.3650, -10.0399, 47.0379



207.0460, -36.5047, 42.0557

# Sweetspot

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



178.5550, 27.8274, -105.7267



236.1850, 9.2758, -35.2422



162.5830, -48.6014, -91.7193



116.0620, 5.8854, -21.1024



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.



178.5550, 27.8274, -105.7267



181.5340, 36.2187, -137.2803



126.8990, 53.2938, -60.4244



113.7110, 1.6215, -6.7625



123.3590, 28.4170, -108.1858



36.6800, 8.5388, -32.1684



# Inverse Universe

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



130.4170, 48.6014, 91.7193



119.0780, 63.0655, 119.2036



166.1010, -53.2938, 60.4244



110.5430, 3.1833, 5.6628



74.0690, 49.7590, 93.7785

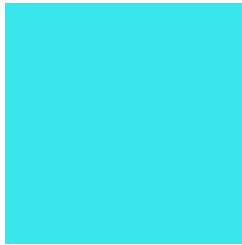


22.0740, 14.7535, 27.9991



# Previews

## White Background



This preview shows how the YUV color 178.5550, 27.8274, -105.7267 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

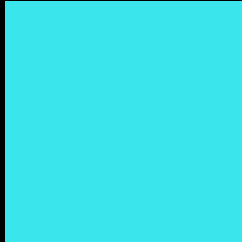
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 178.5550, 27.8274, -105.7267 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 178.5550, 27.8274, -105.7267 Background



This preview shows how black text looks on a background with the YUV color 178.5550, 27.8274, -105.7267.



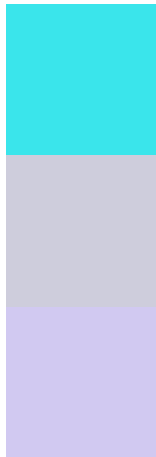
This preview shows how white text looks on a background with the YUV color 178.5550, 27.8274, -105.7267.

-105.7267.

# 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

178.5550, 27.8274, -105.7267

### Protanopia

207.0090, 6.4046, -0.8849

### Deuteranopia

207.9520, 16.2927, 0.9191



## Tritanopia

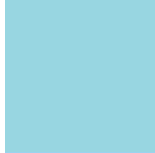
181.0270, 32.0317, -100.8787

# Trichromacy



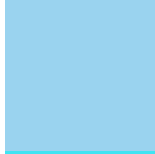
## Original Color

178.5550, 27.8274, -105.7267



## Protanomaly

196.7160, 13.9440, -39.2159



## Deuteranomaly

197.1490, 20.6325, -37.8417



## Tritanomaly

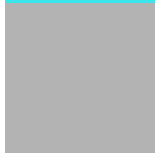
180.2610, 30.4373, -102.8379

# Monochromacy



## Original Color

178.5550, 27.8274, -105.7267



## Achromatopsia

179.0000, 0.0000, 0.0000



## Achromatomaly

178.6900, 10.0128, -38.3161

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 178.5550, 27.8274, -105.7267 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(58, 229, 235)` looks like.

```
.text, #text, p{  
    color:rgb(58, 229, 235)  
}
```

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(58, 229, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 229, 235) }
```

## Border

The CSS property to change the border of an element to YUV 178.5550, 27.8274, -105.7267 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(58, 229, 235) }
```



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

```
.border{ border-color:rgb(58, 229, 235) }
```

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

Here you see how a box with a 4 pixel rgb(58, 229, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 229, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 229, 235);  
box-shadow:4px 4px 4px 4px rgb(58, 229,  
235) }
```

# Background

The CSS property to change the background color of an element to YUV 178.5550, 27.8274, -105.7267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 229, 235) }
```

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

```
.background{ background-color: rgb(58, 229,  
235) }
```

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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