

# Converting Colors

YUV(181.9500, 11.8566,  
-116.5972)

Have a look what the booklet for  
YUV(181.9500, 11.8566, -116.5972)  
contains.

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# Color

**YUV(181.9500, 11.8566,  
-116.5972)**

# Conversions

## Conversions Part 1

Format	Color
Hex	31F5CE
RGB	49, 245, 206
RGB Percent	19%, 96%, 81%
CMY	0.8078, 0.0392, 0.1922
CMYK	0.80, 0.00, 0.16, 0.04
HSL	168°, 91%, 58%
HSV	168°, 80%, 96%
XYZ	45.0596, 70.4140, 69.6089
YIQ	181.9500, -104.2970, -53.6810

# Conversions

## Conversions Part 2

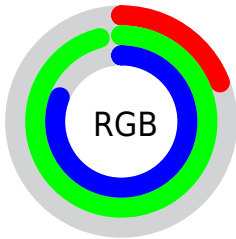
<b>Format</b>	<b>Color</b>
<b>RYB</b>	49, 158, 245
Decimal	3274190
CIELab	87.20, -54.96, 5.64
CIELCh	87, 55.244, 174.142
Yxy	70.4140, 0.2435, 0.3804
Android (android.graphics.Color)	4281464270 (0xFF31F5CE)
YUV	181.9500, 11.8566, -116.5972
Hunter-Lab	83.9131, -50.9970, 9.5560




# Details

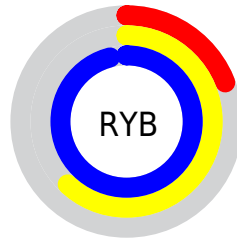
The YUV color **181.9500, 11.8566, -116.5972** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **112.0500, -11.8566, 116.5971**, and the grayscale version is **182.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **217.0270, 18.7207, -78.0767**, and **127.6840, 11.9878, -111.9789** is the 20% darker color. If you saturate the color by 10%, you get **173.9050, 13.3578, -131.4667**, and if you desaturate by 10%, it is **189.9950, 10.3555, -101.7276**.

# Distribution







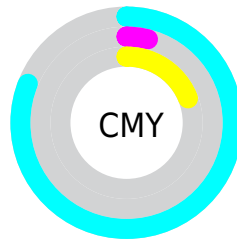
-  Red (19%)
-  Green (96%)
-  Blue (81%)






-  Red (19%)
-  Yellow (62%)
-  Blue (96%)



-  Cyan (80%)
-  Magenta (0%)
-  Yellow (16%)
-  Black (4%)



-  Cyan (81%)
-  Magenta (4%)
-  Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 181.9500, 11.8566, -116.5972 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 181.9500, 11.8566, -116.5972 by changing the saturation by 10% instead.



181.9500, 11.8566,  
-116.5972

181.9500, 11.8566,  
-116.5972

255.0000, 0.0000,  
0.0000

147.1980, 15.6784,  
-129.0926

217.0270, 18.7207,  
-78.0767

127.6840, 11.9878,  
-111.9789

226.8940, 13.8563,  
-57.7890

108.2840, 8.7340,  
-94.9651

236.4620, 9.1392,  
-38.1162

89.5850, 5.6276,  
-78.5660

246.0300, 4.4222,  
-18.4433

71.0000, 2.9580,  
-62.2670

53.7030, 0.1464,  
-47.0975

36.6340, -1.7916,

-32.1280

■ 20.6250, -4.7451,  
-18.0881

■ 0.0000, 0.0000,  
0.0000

■ 181.9500, 11.8566,  
-116.5972

■ 181.9500, 11.8566,  
-116.5972

■ 173.9050, 13.3578,  
-131.4667


■ 189.9950, 10.3555,  
-101.7276


■ 166.1590, 14.7116,  
-145.7214

■ 197.7410, 9.0017,  
-87.4729


■ 205.7860, 7.5005,  
-72.6033

■ 213.4180, 5.7099,  
-58.2486

 221.1640, 4.3561,  
-43.9938

 229.2090, 2.8550,  
-29.1243

 237.2540, 1.3538,  
-14.2548

 245.0000, 0.0000,  
0.0000

 248.5600, 0.7099,  
5.6479

# Harmonies

## Analogous

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



201.6170, -22.9822, -48.7761



181.9500, 11.8566, -116.5972



172.8850, 40.4827, -151.6201

# Triad

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



181.9500, 11.8566, -116.5972



213.6460, 20.3875, -5.8285



204.9260, -34.4735, 43.9149

# Complementary

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



181.9500, 11.8566, -116.5972



112.0500, -11.8566, 116.5971

# 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.



201.0230, -11.3503, 47.3378



181.9500, 11.8566, -116.5972



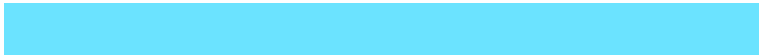
216.2580, 19.0998, 33.9767

# Square

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



181.9500, 11.8566, -116.5972



194.3120, 29.9192, -76.5726



205.8910, 12.3787, 43.0686



213.4570, -50.0183, 36.4332



# Rectangle

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



181.9500, 11.8566, -116.5972



171.1240, 41.3509, -150.0757



205.8910, 12.3787, 43.0686



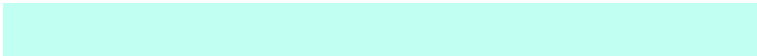
202.8860, -27.0588, 45.7040

# Sweetspot

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



181.9500, 11.8566, -116.5972



235.3930, 3.7503, -36.3017



175.7130, -62.4695, -76.9243



116.0250, 1.9597, -21.9469



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.



181.9500, 11.8566, -116.5972



176.1590, 14.7116, -145.7214



151.7630, 45.9658, -90.1232



118.1840, 0.8953, -7.1774



126.1680, 11.2562, -110.6493



39.9910, 3.4554, -35.0721



# Inverse Universe

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



112.0500, -11.8566, 116.5971



88.8410, -14.7116, 145.7214



142.2370, -45.9658, 90.1232



113.9300, -0.4585, 7.0774



59.8320, -11.2562, 110.6493

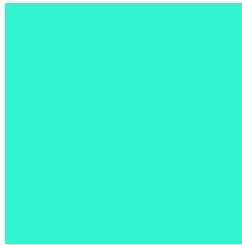


19.0090, -3.4554, 35.0721



# Previews

## White Background



This preview shows how the YUV color 181.9500, 11.8566, -116.5972 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

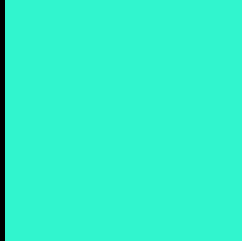
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 181.9500, 11.8566, -116.5972 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

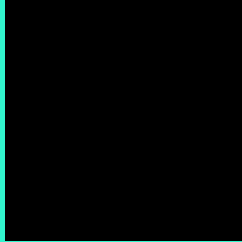
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

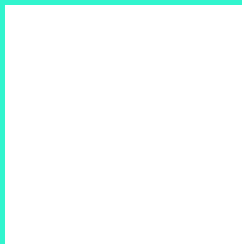
Any Text WCAG AAA ✓ Pass

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

# **YUV 181.9500, 11.8566, -116.5972 Background**



This preview shows how black text looks on a background with the YUV color 181.9500, 11.8566, -116.5972.



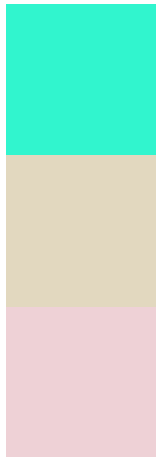
This preview shows how white text looks on a background with the YUV color 181.9500, 11.8566, -116.5972.

-116.5972.

# 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

181.9500, 11.8566, -116.5972

### Protanopia

216.1400, -12.3940, 8.6472

### Deuteranopia

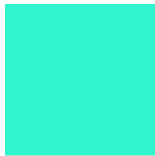
218.2410, -2.0908, 17.3286



## Tritanopia

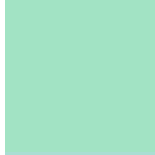
197.1920, 28.4993, -87.8684

# Trichromacy



## Original Color

181.9500, 11.8566, -116.5972



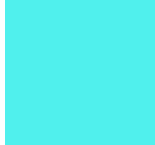
## Protanomaly

204.0310, -3.9593, -36.8612



## Deuteranomaly

204.8990, 3.0078, -31.4834



## Tritanomaly

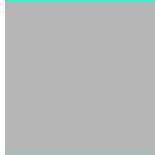
191.8180, 22.2747, -98.0644

# Monochromacy



## Original Color

181.9500, 11.8566, -116.5972



## Achromatopsia

182.0000, 0.0000, 0.0000



## Achromatomaly

182.1750, 4.3507, -42.2495

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 181.9500, 11.8566, -116.5972 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(49, 245, 206)` looks like.

```
.text, #text, p{  
    color:rgb(49, 245, 206)  
}
```

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(49, 245, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 245, 206) }
```

## Border

The CSS property to change the border of an element to YUV 181.9500, 11.8566, -116.5972 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(49, 245, 206) }
```



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

```
.border{ border-color:rgb(49, 245, 206) }
```

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

Here you see how a box with a 4 pixel rgb(49, 245, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 245, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 245, 206);  
box-shadow:4px 4px 4px 4px rgb(49, 245,  
206) }
```

# Background

The CSS property to change the background color of an element to YUV 181.9500, 11.8566, -116.5972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 245, 206) }
```

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

```
.background{ background-color: rgb(49, 245,  
206) }
```

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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