

Converting Colors

YUV(176.0930, -11.8778,
-110.5836)

Have a look what the booklet for
YUV(176.0930, -11.8778, -110.5836)
contains.

YUV(176.0930, -11.8778, -110.5836)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(176.0930, -11.8778,
-110.5836)**

Conversions

Conversions Part 1

Format	Color
Hex	32F598
RGB	50, 245, 152
RGB Percent	20%, 96%, 60%
CMY	0.8039, 0.0392, 0.4039
CMYK	0.80, 0.00, 0.38, 0.04
HSL	151°, 91%, 58%
HSV	151°, 80%, 96%
XYZ	39.6353, 68.2499, 40.7903
YIQ	176.0930, -86.3670, -70.2630

Conversions

Conversions Part 2

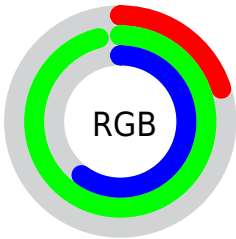
Format	Color
RYB	50, 178, 245
Decimal	3339672
CIELab	86.13, -66.67, 31.91
CIELCh	86, 73.913, 154.422
Yxy	68.2499, 0.2666, 0.4591
Android (android.graphics.Color)	4281529752 (0xFF32F598)
YUV	176.0930, -11.8778, -110.5836
Hunter-Lab	82.6135, -58.9351, 28.5551

Details

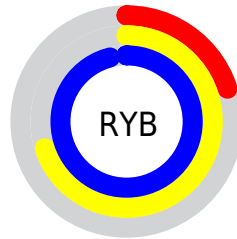
The YUV color **176.0930, -11.8778, -110.5836** is a light color, and the websafe version is hex **33FF99**. The color can be described as light washed spring green. A complement of this color would be **118.9070, 11.8778, 110.5836**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.2560, -2.0982, -73.8925**, and **121.1690, -10.4363, -106.2652** is the 20% darker color. If you saturate the color by 10%, you get **167.5490, -13.5817, -124.1385**, and if you desaturate by 10%, it is **184.9360, -10.3214, -96.4139**.

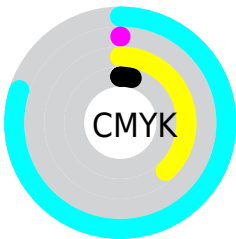
Distribution



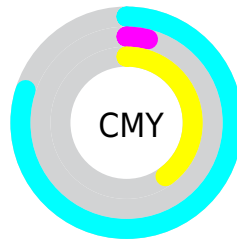
- Red (20%)
- Green (96%)
- Blue (60%)



- Red (20%)
- Yellow (70%)
- Blue (96%)



- Cyan (80%)
- Magenta (0%)
- Yellow (38%)
- Black (4%)



- Cyan (80%)
- Magenta (4%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.0930, -11.8778, -110.5836 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 176.0930, -11.8778, -110.5836 by changing the saturation by 10% instead.

■ 176.0930,
-11.8778, -110.5836

■ 176.0930,
-11.8778, -110.5836

255.0000, 0.0000,
0.0000

■ 141.1560, -7.4719,
-123.7938

■ 211.2560, -2.0982,
-73.8925

■ 121.1690,
-10.4363, -106.2652

■ 224.3150, 5.2677,
-56.4043

■ 101.8830,
-13.2533, -89.3514

■ 236.1630, 9.2866,
-38.7310

■ 83.2980, -15.9229,
-73.0523

■ 245.4320, 4.7170,
-19.6729

■ 64.7130, -18.5925,
-56.7533

■ 46.6010, -21.9883,
-40.8691

■ 32.8720, -16.2059,

-28.8287

■ 17.6100, -8.6817,
-15.4440

■ 0.0000, 0.0000,
0.0000

■ 176.0930,
-11.8778, -110.5836

■ 176.0930,
-11.8778, -110.5836

■ 167.5490,
-13.5817, -124.1385

■ 184.9360,
-10.3214, -96.4139

■ 158.8200,
-14.7013, -138.4081

■ 193.3660, -9.0544,
-82.7590

■ 158.4070,
-14.9907, -138.9229

■ 202.2090, -7.4980,
-68.5893


■ 210.7530, -5.7942,
-55.0344

 219.4820, -4.6746,
-40.7647

 228.0260, -2.9708,
-27.2098

 236.8690, -1.4144,
-13.0401

 245.2990, -0.1474,
0.6148

 249.1300, 2.8939,
5.1480

Harmonies

Analogous

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



198.9750, -52.7387, -24.5341



176.0930, -11.8778, -110.5836



171.6990, 25.7844, -150.5800

Triad

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



176.0930, -11.8778, -110.5836



181.8310, 36.0723, -90.1828



187.8860, -23.6078, 58.8590

Complementary

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



176.0930, -11.8778, -110.5836



118.9070, 11.8778, 110.5836

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.



188.5940, 9.5672, 58.2381



176.0930, -11.8778, -110.5836



211.7290, 21.3326, 17.7777

Square

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



176.0930, -11.8778, -110.5836



169.3630, 42.2190, -148.5314



201.5830, 26.3346, 46.8467



197.5790, -55.0084, 50.3582

Rectangle

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



176.0930, -11.8778, -110.5836



175.2330, 39.3251, -153.6793



201.5830, 26.3346, 46.8467



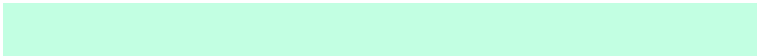
186.2850, -11.9725, 60.2631

Sweetspot

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



176.0930, -11.8778, -110.5836



233.4550, -3.6753, -34.6020



192.5710, -70.2875, -42.5968



114.8850, -2.4083, -20.9471



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.



176.0930, -11.8778, -110.5836



168.4070, -14.9907, -138.9229



184.9340, 29.6125, -118.3371



117.8420, -0.4151, -6.8774



120.2400, -11.4573, -105.4505



38.1670, -3.5333, -33.4725

Inverse Universe

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



118.9070, 11.8778, 110.5836



96.5930, 14.9907, 138.9229



110.0660, -29.6125, 118.3371



114.2720, 0.8519, 6.7775



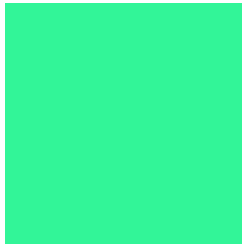
65.7600, 11.4573, 105.4505



20.8330, 3.5333, 33.4725

Previews

White Background



This preview shows how the YUV color 176.0930, -11.8778, -110.5836 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 176.0930, -11.8778, -110.5836 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

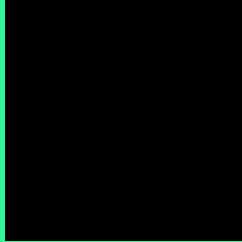
Any Text WCAG AA ✓ Pass

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 176.0930, -11.8778, -110.5836 Background



This preview shows how black text looks on a background with the YUV color 176.0930, -11.8778, -110.5836.



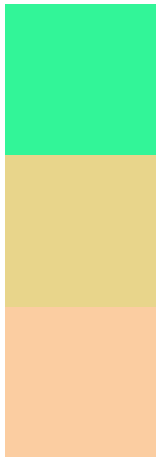
This preview shows how white text looks on a background with the YUV color 176.0930, -11.8778, -110.5836.

-110.5836.

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

176.0930, -11.8778, -110.5836

Protanopia

210.2450, -35.1238, 19.0791

Deuteranopia

213.7380, -25.9998, 32.6788



Tritanopia

194.8010, 28.1991, -84.8945

Trichromacy



Original Color

176.0930, -11.8778, -110.5836



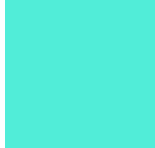
Protanomaly

198.1250, -26.6836, -28.1736



Deuteranomaly

200.3740, -20.8904, -19.6220



Tritanomaly

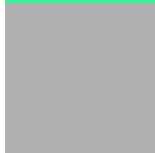
187.9620, 13.8227, -93.8057

Monochromacy



Original Color

176.0930, -11.8778, -110.5836



Achromatopsia

176.0000, 0.0000, 0.0000



Achromatomaly

175.8950, -4.3852, -40.2499

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.0930, -11.8778, -110.5836 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(50, 245, 152)` looks like.

```
.text, #text, p{  
    color:rgb(50, 245, 152)  
}
```

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(50, 245, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 245, 152) }
```

Border

The CSS property to change the border of an element to YUV 176.0930, -11.8778, -110.5836 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(50, 245, 152) }
```


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

```
.border{ border-color:rgb(50, 245, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 245, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 245, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 245, 152);  
box-shadow:4px 4px 4px 4px rgb(50, 245,  
152) }
```

Background

The CSS property to change the background color of an element to YUV 176.0930, -11.8778, -110.5836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 245, 152) }
```

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

```
.background{ background-color: rgb(50, 245,  
152) }
```

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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