

Converting Colors

YUV(180.5280, -11.5993,
-106.5801)

Have a look what the booklet for
YUV(180.5280, -11.5993, -106.5801)
contains.

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Color

**YUV(180.5280, -11.5993,
-106.5801)**

Conversions

Conversions Part 1

Format	Color
Hex	3BF79D
RGB	59, 247, 157
RGB Percent	23%, 97%, 62%
CMY	0.7686, 0.0314, 0.3843
CMYK	0.76, 0.00, 0.36, 0.03
HSL	151°, 92%, 60%
HSV	151°, 76%, 97%
XYZ	41.1502, 69.8857, 43.2187
YIQ	180.5280, -83.1580, -67.8460

Conversions

Conversions Part 2

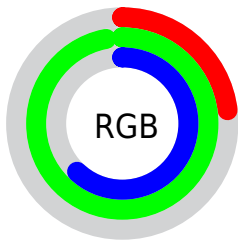
Format	Color
R_{YB}	59, 183, 247
Decimal	3930013
CIE _{Lab}	86.94, -65.46, 30.50
CIE _{LCh}	87, 72.216, 155.016
Yxy	69.8857, 0.2668, 0.4531
Android (android.graphics.Color)	4282120093 (0xFF3BF79D)
YUV	180.5280, -11.5993, -106.5801
Hunter-Lab	83.5976, -58.4308, 27.8663

Details

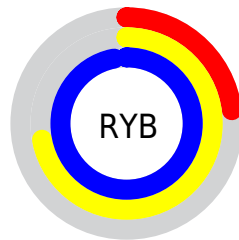
The YUV color **180.5280, -11.5993, -106.5801** is a light color, and the websafe version is hex **33FF99**. The color can be described as light washed spring green. A complement of this color would be **125.4720, 11.5993, 106.5801**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.6200, -0.7987, -70.7037**, and **122.9130, -8.8311, -107.7947** is the 20% darker color. If you saturate the color by 10%, you get **171.6850, -13.1557, -120.7497**, and if you desaturate by 10%, it is **189.3710, -10.0429, -92.4104**.

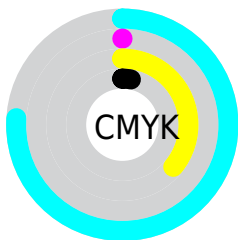
Distribution



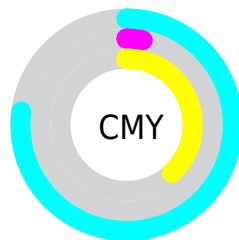
- Red (23%)
- Green (97%)
- Blue (62%)



- Red (23%)
- Yellow (72%)
- Blue (97%)



- Cyan (76%)
- Magenta (0%)
- Yellow (36%)
- Black (3%)



- Cyan (77%)
- Magenta (3%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.5280, -11.5993, -106.5801 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 180.5280, -11.5993, -106.5801 by changing the saturation by 10% instead.

180.5280,
-11.5993, -106.5801

180.5280,
-11.5993, -106.5801

255.0000, 0.0000,
0.0000

142.9000, -5.8667,
-125.3233

213.6200, -0.7987,
-70.7037

122.9130, -8.8311,
-107.7947

226.4940, 7.1515,
-53.9302

103.6270,
-11.6481, -90.8809

237.3590, 8.6970,
-36.2718

85.0420, -14.3177,
-74.5818

246.9270, 3.9800,
-16.5990

66.4570, -16.9873,
-58.2828

48.3450, -20.3831,
-42.3986

33.4590, -16.4953,

-29.3435

■ 18.7840, -9.2605,
-16.4736

■ 0.0000, 0.0000,
0.0000

■ 180.5280,
-11.5993, -106.5801

■ 180.5280,
-11.5993, -106.5801

■ 171.6850,
-13.1557, -120.7497

■ 189.3710,
-10.0429, -92.4104


■ 163.1410,
-14.8595, -134.3047

■ 197.9150, -8.3391,
-78.8555


■ 159.6950,
-15.1326, -140.0525


■ 206.6440, -7.2195,
-64.5858

■ 215.4870, -5.6631,
-50.4161

 224.0310, -3.9593,
-36.8612

 232.8740, -2.4029,
-22.6915

 241.7170, -0.8465,
-8.5218

 249.9620, 1.0047,
4.4183

 250.3040, 2.3151,
4.1184

Harmonies

Analogous

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



201.4310, -50.9915, -24.9340



180.5280, -11.5993, -106.5801



173.3290, 26.9528, -152.0095

Triad

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



180.5280, -11.5993, -106.5801



188.3870, 32.8402, -80.1464



190.5760, -23.4550, 56.4998

Complementary

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



180.5280, -11.5993, -106.5801



125.4720, 11.5993, 106.5801

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.



191.0560, 8.8464, 56.0789



180.5280, -11.5993, -106.5801



214.0990, 20.1642, 19.2072

Square

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



180.5280, -11.5993, -106.5801



169.9500, 41.9297, -149.0461



203.9310, 25.1770, 44.7875



199.9100, -53.6926, 48.3139

Rectangle

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



180.5280, -11.5993, -106.5801



176.4070, 38.7463, -154.7089



203.9310, 25.1770, 44.7875



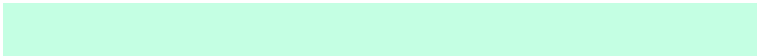
189.4480, -12.5459, 57.4891

Sweetspot

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



180.5280, -11.5993, -106.5801



234.1670, -3.5333, -33.4725



196.5650, -67.8195, -40.8375



115.1840, -2.5557, -20.3324



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.



180.5280, -11.5993, -106.5801



172.9780, -14.2862, -131.5307



189.0270, 28.5807, -114.0337



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.



125.4720, 11.5993, 106.5801



105.0220, 14.2862, 131.5307



116.9730, -28.5807, 114.0337



114.2720, 0.8519, 6.7775



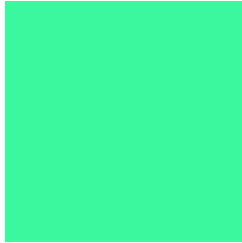
65.7600, 11.4573, 105.4505



20.8330, 3.5333, 33.4725

Previews

White Background



This preview shows how the YUV color 180.5280, -11.5993, -106.5801 looks on a white background.

Color Contrast Check

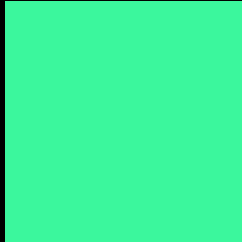
Large Text (above 18pt) WCAG AA × Fail

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 180.5280, -11.5993, -106.5801 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

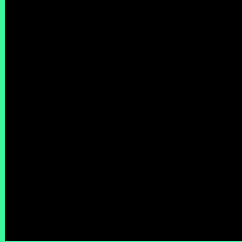
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

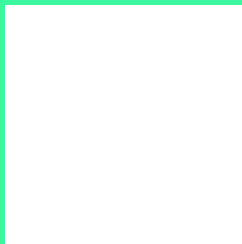
Any Text WCAG AAA ✓ Pass

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

YUV 180.5280, -11.5993, -106.5801 Background



This preview shows how black text looks on a background with the YUV color 180.5280, -11.5993, -106.5801.



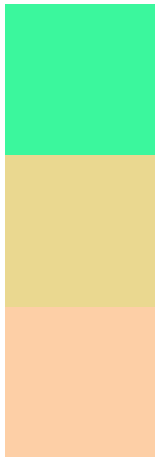
This preview shows how white text looks on a background with the YUV color 180.5280, -11.5993, -106.5801.

-106.5801.

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

180.5280, -11.5993, -106.5801

Protanopia

213.1740, -34.1028, 18.2644

Deuteranopia

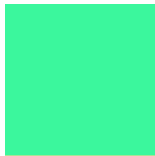
216.0800, -24.6894, 32.3788



Tritanopia

197.6980, 27.7569, -83.0501

Trichromacy



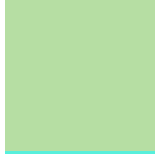
Original Color

180.5280, -11.5993, -106.5801



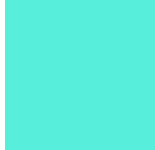
Protanomaly

201.0650, -25.6680, -27.2440



Deuteranomaly

203.3140, -19.8748, -18.6924



Tritanomaly

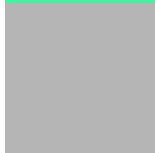
191.2720, 13.6699, -91.4465

Monochromacy



Original Color

180.5280, -11.5993, -106.5801



Achromatopsia

181.0000, 0.0000, 0.0000



Achromatomaly

180.9060, -4.3907, -38.5056

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.5280, -11.5993, -106.5801 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(59, 247, 157)` looks like.

```
.text, #text, p{  
    color:rgb(59, 247, 157)  
}
```

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(59, 247, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 247, 157) }
```

Border

The CSS property to change the border of an element to YUV 180.5280, -11.5993, -106.5801 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(59, 247, 157) }
```


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

```
.border{ border-color:rgb(59, 247, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 247, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 247, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 247, 157);  
box-shadow:4px 4px 4px 4px rgb(59, 247,  
157) }
```

Background

The CSS property to change the background color of an element to YUV 180.5280, -11.5993, -106.5801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 247, 157) }
```

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

```
.background{ background-color: rgb(59, 247,  
157) }
```

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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