

# Converting Colors

YUV(177.1080, -11.3922,  
-126.3827)

Have a look what the booklet for  
YUV(177.1080, -11.3922, -126.3827)  
contains.

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# Color

**YUV(177.1080, -11.3922,  
-126.3827)**

# Conversions

## Conversions Part 1

Format	Color
Hex	21FF9A
RGB	33, 255, 154
RGB Percent	13%, 100%, 60%
CMY	0.8706, 0.0000, 0.3961
CMYK	0.87, 0.00, 0.40, 0.00
HSL	153°, 100%, 56%
HSV	153°, 87%, 100%
XYZ	42.2199, 74.1764, 42.6641
YIQ	177.1080, -99.8910, -78.4750

# Conversions

## Conversions Part 2

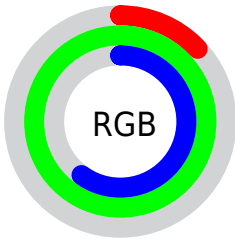
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">33, 177, 255</a>
Decimal	<a href="#">2228122</a>
CIELab	<a href="#">89.01, -71.11, 34.69</a>
CIELCh	<a href="#">89, 79.121, 153.993</a>
Yxy	<a href="#">74.1764, 0.2654, 0.4663</a>
Android (android.graphics.Color)	<a href="#">4280418202 (0xFF21FF9A)</a>
YUV	<a href="#">177.1080, -11.3922, -126.3827</a>
Hunter-Lab	<a href="#">86.1257, -63.2171, 30.9175</a>

# Details

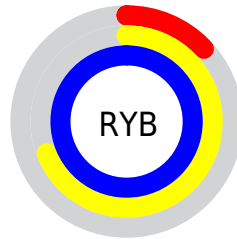
The YUV color **177.1080, -11.3922, -126.3827** is a dark color, and the websafe version is hex **00FF99**. The color can be described as middle washed spring green. A complement of this color would be **110.8920, 11.3922, 126.3827**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.9890, -0.4876, -77.1664**, and **127.2670, -12.4566, -111.6132** is the 20% darker color. If you saturate the color by 10%, you get **168.2650, -12.9486, -140.5524**, and if you desaturate by 10%, it is **185.9510, -9.8358, -112.2130**.

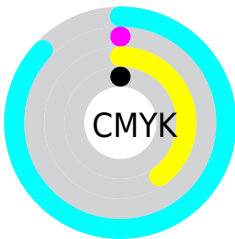
# Distribution



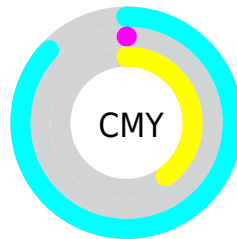
- Red (13%)
- Green (100%)
- Blue (60%)



- Red (13%)
- Yellow (69%)
- Blue (100%)



- Cyan (87%)
- Magenta (0%)
- Yellow (40%)
- Black (0%)



- Cyan (87%)
- Magenta (0%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 177.1080, -11.3922, -126.3827 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 177.1080, -11.3922, -126.3827 by changing the saturation by 10% instead.



177.1080,  
-11.3922, -126.3827

177.1080,  
-11.3922, -126.3827

255.0000, 0.0000,  
0.0000

147.1400, -9.9290,  
-129.0418

209.9890, -0.4876,  
-77.1664

127.2670,  
-12.4566, -111.6132

223.4610, 7.1677,  
-59.1633

107.3940,  
-14.9842, -94.1845

235.2660, 9.7289,  
-40.5753

88.6950, -18.0906,  
-77.7855

244.8340, 5.0118,  
-20.9024

70.1100, -20.7602,  
-61.4865

254.4020, 0.2948,  
-1.2296

51.1830, -24.7402,  
-44.8875

36.9810, -18.2316,

-32.4323

■ 21.7190, -10.7075,  
-19.0476

■ 0.0000, 0.0000,  
0.0000

■ 177.1080,  
-11.3922, -126.3827

■ 177.1080,  
-11.3922, -126.3827

■ 168.2650,  
-12.9486, -140.5524

■ 185.9510, -9.8358,  
-112.2130

■ 165.5310,  
-13.0798, -145.1707

■ 194.9790, -8.8636,  
-97.3286

■ 203.8220, -7.3072,  
-83.1589

■ 212.8500, -6.3351,  
-68.2745

■ 221.9920, -4.9261,  
-53.4900

■ 230.8350, -3.3697,  
-39.3203

■ 239.5640, -2.2501,  
-25.0506

■ 248.7060, -0.8411,  
-10.2662

255.0000, 0.0000,  
0.0000

# Harmonies

## Analogous

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



205.4110, -57.3906, -25.7934



177.1080, -11.3922, -126.3827



176.1330, 27.5424, -154.4686

# Triad

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



177.1080, -11.3922, -126.3827



179.6390, 37.1530, -110.1854



189.9890, -23.1656, 57.0146

# Complementary

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



177.1080, -11.3922, -126.3827



110.8920, 11.3922, 126.3827

# 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.



190.2070, 13.2089, 56.8235



177.1080, -11.3922, -126.3827



217.3440, 18.5644, 18.9923

# Square

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



177.1080, -11.3922, -126.3827



175.2330, 39.3251, -153.6793



203.9310, 25.1770, 44.7875



200.2860, -57.3290, 47.9842



# Rectangle

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



177.1080, -11.3922, -126.3827



178.7550, 37.5888, -156.7681



203.9310, 25.1770, 44.7875



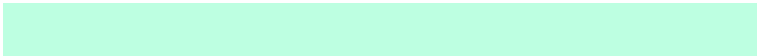
188.6160, -10.6567, 58.2188

# Sweetspot

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



177.1080, -11.3922, -126.3827



231.8460, -3.3751, -37.5759



194.4100, -79.5751, -50.3486



113.9880, -1.9661, -22.7915



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.



177.1080, -11.3922, -126.3827



165.5310, -13.0798, -145.1707



184.5130, 34.7501, -132.8769



123.4290, -0.7045, -7.3922



123.9730, -9.8467, -108.7243



41.5580, -3.2331, -36.4464



# Inverse Universe

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



110.8920, 11.3922, 126.3827



89.4690, 13.0798, 145.1707



103.4870, -34.7501, 132.8769



119.5710, 0.7045, 7.3922



67.0270, 9.8467, 108.7243

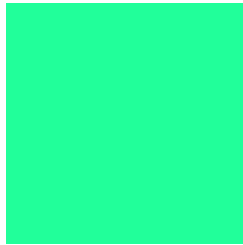


22.4420, 3.2331, 36.4464



# Previews

## White Background



This preview shows how the YUV color 177.1080, -11.3922, -126.3827 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

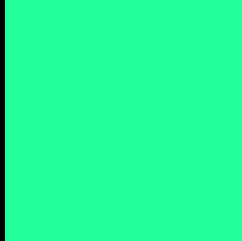
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 177.1080, -11.3922, -126.3827 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

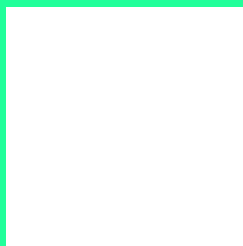
Any Text WCAG AAA ✓ Pass

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

# YUV 177.1080, -11.3922, -126.3827 Background



This preview shows how black text looks on a background with the YUV color 177.1080, -11.3922, -126.3827.



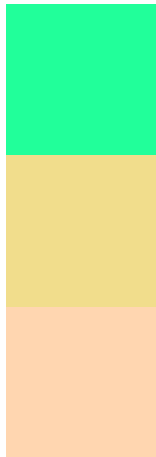
This preview shows how white text looks on a background with the YUV color 177.1080, -11.3922, -126.3827.

-126.3827.

# 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

177.1080, -11.3922, -126.3827

### Protanopia

217.7460, -38.3288, 20.3938

### Deuteranopia

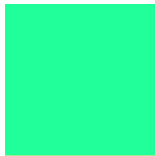
221.9270, -22.6420, 29.0050



## Tritanopia

208.5320, 22.9087, -67.9956

# Trichromacy



## Original Color

177.1080, -11.3922, -126.3827



## Protanomaly

202.6360, -28.4145, -33.0068



## Deuteranomaly

205.6010, -18.5373, -27.7141



## Tritanomaly

197.0720, 10.3175, -89.5171

# Monochromacy



## Original Color

177.1080, -11.3922, -126.3827



## Achromatopsia

177.0000, 0.0000, 0.0000



## Achromatomaly

176.9760, -3.9322, -45.5830

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 177.1080, -11.3922, -126.3827 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(33, 255, 154)` looks like.

```
.text, #text, p{  
    color:rgb(33, 255, 154)  
}
```

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(33, 255, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 255, 154) }
```

## Border

The CSS property to change the border of an element to YUV 177.1080, -11.3922, -126.3827 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(33, 255, 154) }
```



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

```
.border{ border-color:rgb(33, 255, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 255, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 255, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 255, 154);  
box-shadow:4px 4px 4px 4px rgb(33, 255,  
154) }
```

# Background

The CSS property to change the background color of an element to YUV 177.1080, -11.3922, -126.3827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 255, 154) }
```

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

```
.background{ background-color: rgb(33, 255,  
154) }
```

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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