

Converting Colors

YUV(126.9910, -54.2256,
-107.8631)

Have a look what the booklet for
YUV(126.9910, -54.2256, -107.8631)
contains.

YUV(126.9910, -54.2256, -107.8631)	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(126.9910, -54.2256,
-107.8631)**

Conversions

Conversions Part 1

Format	Color
Hex	04D311
RGB	4, 211, 17
RGB Percent	2%, 83%, 7%
CMY	0.9843, 0.1725, 0.9333
CMYK	0.98, 0.00, 0.92, 0.17
HSL	124°, 96%, 42%
HSV	124°, 98%, 83%
XYZ	23.4455, 46.6548, 8.2999
YIQ	126.9910, -61.0980, -104.2180

Conversions

Conversions Part 2

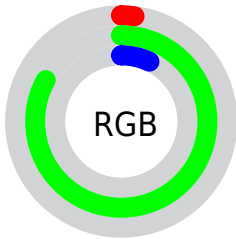
Format	Color
RYB	4, 199, 211
Decimal	316177
CIELab	73.97, -74.22, 70.32
CIELCh	74, 102.239, 136.546
Yxy	46.6548, 0.2990, 0.5951
Android (android.graphics.Color)	4278506257 (0xFF04D311)
YUV	126.9910, -54.2256, -107.8631
Hunter-Lab	68.3043, -58.2623, 40.6085

Details

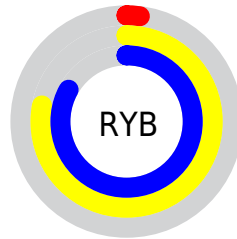
The YUV color **126.9910, -54.2256, -107.8631** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **88.0090, 54.2256, 107.8631**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.0090, -51.2764, -73.6759**, and **90.9850, -44.8556, -79.7938** is the 20% darker color. If you saturate the color by 10%, you get **125.3390, -55.3831, -109.9223**, and if you desaturate by 10%, it is **135.5500, -48.5851, -96.9523**.

Distribution



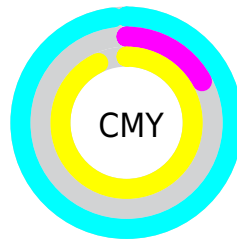
- Red (2%)
- Green (83%)
- Blue (7%)



- Red (2%)
- Yellow (78%)
- Blue (83%)



- Cyan (98%)
- Magenta (0%)
- Yellow (92%)
- Black (17%)



- Cyan (98%)
- Magenta (17%)
- Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 126.9910, -54.2256, -107.8631 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 126.9910, -54.2256, -107.8631 by changing the saturation by 10% instead.

■ 126.9910,
-54.2256, -107.8631

■ 126.9910,
-54.2256, -107.8631

■ 255.0000, 0.0000,
0.0000

■ 106.8340,
-52.6692, -93.6934

■ 192.0090,
-51.2764, -73.6759

■ 90.9850, -44.8556,
-79.7938

■ 205.1820,
-43.4737, -56.2876

■ 74.5490, -36.7527,
-65.3795

■ 217.9420,
-35.9604, -39.4141

■ 59.2870, -29.2285,
-51.9947

■ 230.8160,
-28.0103, -22.6406

■ 44.0250, -21.7043,
-38.6099

■ 243.3910,
-19.9128, -6.4819

■ 29.3500, -14.4695,
-25.7399

■ 252.4920, -9.6096,

■ 12.9140, -6.3666,

2.1995

-11.3256

■ 0.0000, 0.0000,
0.0000

■ 126.9910,
-54.2256, -107.8631

■ 126.9910,
-54.2256, -107.8631

■ 125.3390,
-55.3831, -109.9223

■ 135.5500,
-48.5851, -96.9523

■ 144.1090,
-42.9447, -86.0416

■ 152.5540,
-37.7411, -75.0309

■ 161.1130,
-32.1007, -64.1201

■ 169.9710,
-26.6077, -52.5946

■ 178.5300,
-20.9673, -41.6838

■ 186.9750,
-15.7637, -30.6731

■ 195.5340,
-10.1233, -19.7623

■ 204.0930, -4.4828,
-8.8516

Harmonies

Analogous

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



164.4200, -81.0591, 5.7707



126.9910, -54.2256, -107.8631



143.9430, -4.4089, -126.2380

Triad

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



126.9910, -54.2256, -107.8631



149.4050, 52.0583, -131.0282



125.6810, 4.5943, 113.4128

Complementary

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



126.9910, -54.2256, -107.8631



88.0090, 54.2256, 107.8631

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.



141.5660, 42.6120, 99.4816



126.9910, -54.2256, -107.8631



132.3820, 60.4507, -116.0990

Square

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



126.9910, -54.2256, -107.8631



157.6230, 48.0069, -138.2354



177.7710, 38.0739, 61.5908



147.8370, -52.6706, 93.9820

Rectangle

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



126.9910, -54.2256, -107.8631



153.2280, 23.5516, -134.3810



177.7710, 38.0739, 61.5908



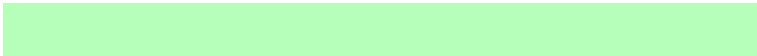
122.7580, 21.3183, 115.9762

Sweetspot

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



126.9910, -54.2256, -107.8631



225.0080, -19.2309, -38.5950



184.4120, -88.9431, 14.5477



109.7570, -11.7122, -23.4659



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.



126.9910, -54.2256, -107.8631



151.5090, -66.8059, -132.8734



138.5050, -10.1090, -117.9609



100.5710, -2.7465, -5.7628



99.8700, -43.8129, -87.5860



24.4090, -10.5546, -21.4067

Inverse Universe

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



88.0090, 54.2256, 107.8631



103.4910, 66.8059, 132.8734



76.4950, 10.1090, 117.9609



98.4290, 2.7465, 5.7628



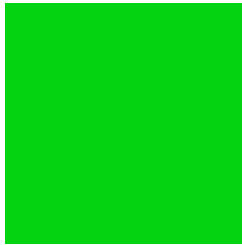
68.2440, 44.2497, 87.4860



16.5910, 10.5546, 21.4067

Previews

White Background



This preview shows how the YUV color 126.9910, -54.2256, -107.8631 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 126.9910, -54.2256, -107.8631 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

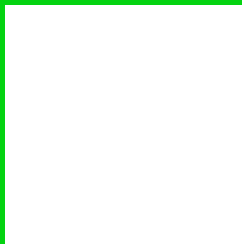
Any Text WCAG AAA ✓ Pass

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

YUV 126.9910, -54.2256, -107.8631 Background



This preview shows how black text looks on a background with the YUV color 126.9910, -54.2256, -107.8631.



This preview shows how white text looks on a background with the YUV color 126.9910, -54.2256, -107.8631.

-107.8631.

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

126.9910, -54.2256, -107.8631

Protanopia

166.9440, -82.3034, 31.6211

Deuteranopia

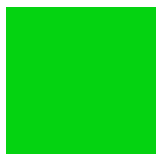
173.4230, -61.8335, 46.1100



Tritanopia

165.5320, 22.9087, -67.9956

Trichromacy



Original Color

126.9910, -54.2256, -107.8631



Protanomaly

152.5570, -72.2526, -18.9055



Deuteranomaly

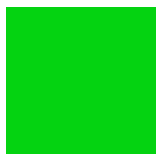
156.7550, -59.0392, -10.3091



Tritanomaly

151.1040, -4.9813, -82.5292

Monochromacy



Original Color

126.9910, -54.2256, -107.8631



Achromatopsia

127.0000, 0.0000, 0.0000



Achromatomaly

127.1820, -19.8097, -39.6246

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.9910, -54.2256, -107.8631 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(4, 211, 17)` looks like.

```
.text, #text, p{  
    color:rgb(4, 211, 17)  
}
```

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(4, 211, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 211, 17) }
```

Border

The CSS property to change the border of an element to YUV 126.9910, -54.2256, -107.8631 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(4, 211, 17) }
```


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

```
.border{ border-color:rgb(4, 211, 17) }
```

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

Here you see how a box with a 4 pixel rgb(4, 211, 17) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 211, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 211, 17);  
box-shadow:4px 4px 4px 4px rgb(4, 211, 17)  
}
```

Background

The CSS property to change the background color of an element to YUV 126.9910, -54.2256, -107.8631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 211, 17) }
```

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

```
.background{ background-color: rgb(4, 211,  
17) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor