

# Converting Colors

YUV(127.5290, -16.5298,  
-111.8429)

Have a look what the booklet for  
YUV(127.5290, -16.5298, -111.8429)  
contains.

<b>YUV(127.5290, -16.5298, -111.8429)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(127.5290, -16.5298,  
-111.8429)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00C75E
RGB	0, 199, 94
RGB Percent	0%, 78%, 37%
CMY	1.0000, 0.2196, 0.6314
CMYK	1.00, 0.00, 0.53, 0.22
HSL	148°, 100%, 39%
HSV	148°, 100%, 78%
XYZ	22.4438, 41.6550, 17.4470
YIQ	127.5290, -84.8990, -74.8430

# Conversions

## Conversions Part 2

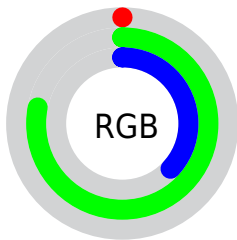
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 135, 199
Decimal	51038
CIELab	70.63, -64.37, 40.74
CIELCh	71, 76.177, 147.673
Yxy	41.6550, 0.2752, 0.5108
Android (android.graphics.Color)	4278241118 (0xFF00C75E)
YUV	127.5290, -16.5298, -111.8429
Hunter-Lab	64.5407, -50.8734, 29.1509

# Details

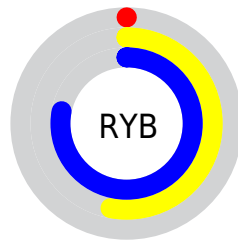
The YUV color **127.5290, -16.5298, -111.8429** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed green. A complement of this color would be **71.4710, 16.5298, 111.8429**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.2290, -24.7629, -84.3928**, and **88.8430, -22.6006, -77.9153** is the 20% darker color. If you saturate the color by 10%, you get **127.5290, -16.5298, -111.8429**, and if you desaturate by 10%, it is **134.7630, -14.6732, -100.6472**.

# Distribution



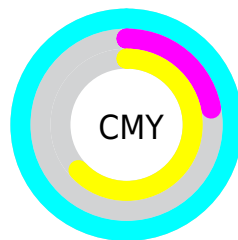
- Red (0%)
- Green (78%)
- Blue (37%)



- Red (0%)
- Yellow (53%)
- Blue (78%)



- Cyan (100%)
- Magenta (0%)
- Yellow (53%)
- Black (22%)



- Cyan (100%)
- Magenta (22%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 127.5290, -16.5298, -111.8429 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 127.5290, -16.5298, -111.8429 by changing the saturation by 10% instead.



■ 127.5290,  
-16.5298, -111.8429

■ 127.5290,  
-16.5298, -111.8429

■ 255.0000, 0.0000,  
0.0000

■ 108.2430,  
-19.3468, -94.9291

■ 196.2290,  
-24.7629, -84.3928

■ 88.8430, -22.6006,  
-77.9153

■ 209.2880,  
-17.3970, -66.9046

■ 70.5030, -26.8700,  
-61.8311

■ 221.7490, -9.7363,  
-50.6459

■ 52.8300, -26.0452,  
-46.3319

■ 234.2100, -2.0755,  
-34.3872

■ 38.1550, -18.8104,  
-33.4619

■ 246.0300, 4.4222,  
-18.4433

■ 24.6540, -12.1544,  
-21.6216

■ 2.3480, -1.1576,

-2.0592

■ 0.0000, 0.0000,  
0.0000

■ 127.5290,  
-16.5298, -111.8429

■ 134.7630,  
-14.6732, -100.6472

■ 141.8830,  
-13.2533, -89.3514

■ 149.1170,  
-11.3967, -78.1556

■ 156.2370, -9.9768,  
-66.8598

■ 163.4710, -8.1202,  
-55.6641

■ 170.2920, -6.5530,  
-44.9831

■ 177.5260, -4.6963,  
-33.7873

■ 184.6460, -3.2765,  
-22.4915

■ 191.8800, -1.4198,  
-11.2958

# Harmonies

## Analogous

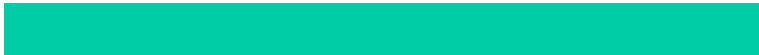
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



155.4900, -63.8386, -10.9537



127.5290, -16.5298, -111.8429



138.5580, 13.0359, -121.5154

# Triad

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



127.5290, -16.5298, -111.8429



136.4910, 58.4249, -119.7026



154.2840, -20.3530, 88.3279

# Complementary

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



127.5290, -16.5298, -111.8429



71.4710, 16.5298, 111.8429

# 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.



156.7530, 11.9538, 86.1626



127.5290, -16.5298, -111.8429



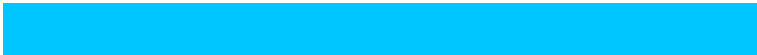
169.0690, 42.3640, -7.9535

# Square

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



127.5290, -16.5298, -111.8429



145.2960, 54.0841, -127.4246



176.1090, 35.4423, 65.6794



164.2390, -55.8268, 79.5974



# Rectangle

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



127.5290, -16.5298, -111.8429



144.6170, 33.7128, -126.8291



176.1090, 35.4423, 65.6794



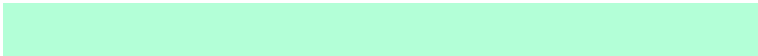
152.6830, -8.7177, 89.7320

# Sweetspot

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



127.5290, -16.5298, -111.8429



227.7160, -6.2690, -42.7239



148.5070, -73.2140, -37.2786



111.3960, -4.1392, -25.7803



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.



127.5290, -16.5298, -111.8429



163.3650, -21.3789, -143.2711



138.7010, 26.2764, -121.6408



95.7390, -0.8573, -5.0331



104.4590, -13.5373, -91.6105



23.0700, -2.9925, -20.2324



# Inverse Universe

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



71.4710, 16.5298, 111.8429



91.6350, 21.3789, 143.2711



60.2990, -26.2764, 121.6408



93.2610, 0.8573, 5.0331



58.5410, 13.5373, 91.6105



12.9300, 2.9925, 20.2324



# Previews

## White Background



This preview shows how the YUV color 127.5290, -16.5298, -111.8429 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 127.5290, -16.5298, -111.8429 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 127.5290, -16.5298, -111.8429 Background



This preview shows how black text looks on a background with the YUV color 127.5290, -16.5298, -111.8429.



This preview shows how white text looks on a background with the YUV color 127.5290, -16.5298, -111.8429.



# 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

127.5290, -16.5298, -111.8429

### Protanopia

167.4640, -40.6548, 19.7641

### Deuteranopia

170.2020, -33.1306, 33.1488



## Tritanopia

155.9340, 23.2035, -69.2251

# Trichromacy



## Original Color

127.5290, -16.5298, -111.8429



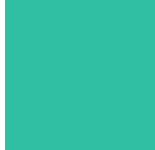
## Protanomaly

153.0450, -32.0672, -28.1035



## Deuteranomaly

154.7670, -27.0001, -19.9667



## Tritanomaly

145.3500, 8.7015, -84.4989

# Monochromacy



## Original Color

127.5290, -16.5298, -111.8429



## Achromatopsia

128.0000, 0.0000, 0.0000



## Achromatomaly

127.8410, -5.8376, -41.0796

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 127.5290, -16.5298, -111.8429 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(0, 199, 94)` looks like.

```
.text, #text, p{  
    color:rgb(0, 199, 94)  
}
```

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(0, 199, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 199, 94) }
```

## Border

The CSS property to change the border of an element to YUV 127.5290, -16.5298, -111.8429 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(0, 199, 94) }
```



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

```
.border{ border-color:rgb(0, 199, 94) }
```

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

Here you see how a box with a 4 pixel rgb(0, 199, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 199, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 199, 94);  
box-shadow:4px 4px 4px 4px rgb(0, 199, 94)  
}
```

# Background

The CSS property to change the background color of an element to YUV 127.5290, -16.5298, -111.8429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 199, 94) }
```

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

```
.background{ background-color: rgb(0, 199,  
94) }
```

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