

# Converting Colors

YUV(135.2570, -17.3817,  
-118.6204)

Have a look what the booklet for  
YUV(135.2570, -17.3817, -118.6204)  
contains.

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# Color

**YUV(135.2570, -17.3817,  
-118.6204)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00D364
RGB	0, 211, 100
RGB Percent	0%, 83%, 39%
CMY	1.0000, 0.1725, 0.6078
CMYK	1.00, 0.00, 0.53, 0.17
HSL	148°, 100%, 41%
HSV	148°, 100%, 83%
XYZ	25.5945, 47.5086, 19.8777
YIQ	135.2570, -90.1250, -79.2530

# Conversions

## Conversions Part 2

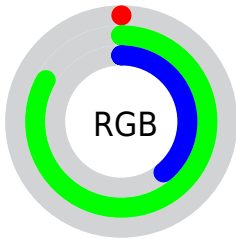
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 143, 211
Decimal	54116
CIELab	74.51, -67.27, 42.60
CIELCh	75, 79.623, 147.653
Yxy	47.5086, 0.2753, 0.5110
Android (android.graphics.Color)	4278244196 (0xFF00D364)
YUV	135.2570, -17.3817, -118.6204
Hunter-Lab	68.9265, -54.3389, 31.1499

# Details

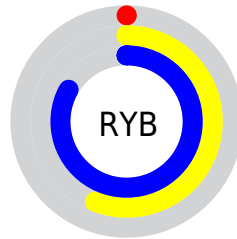
The YUV color **135.2570, -17.3817, -118.6204** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **75.7430, 17.3817, 118.6204**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.2230, -22.2949, -82.6336**, and **96.5710, -23.4525, -84.6928** is the 20% darker color. If you saturate the color by 10%, you get **135.2570, -17.3817, -118.6204**, and if you desaturate by 10%, it is **142.7900, -15.6725, -106.8098**.

# Distribution



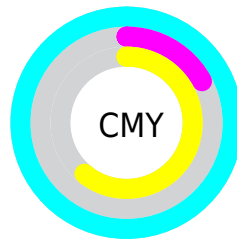
- Red (0%)
- Green (83%)
- Blue (39%)



- Red (0%)
- Yellow (56%)
- Blue (83%)



- Cyan (100%)
- Magenta (0%)
- Yellow (53%)
- Black (17%)



- Cyan (100%)
- Magenta (17%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 135.2570, -17.3817, -118.6204 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 135.2570, -17.3817, -118.6204 by changing the saturation by 10% instead.



■ 135.2570,  
-17.3817, -118.6204

■ 135.2570,  
-17.3817, -118.6204

■ 255.0000, 0.0000,  
0.0000

■ 115.8570,  
-20.6355, -101.6066

■ 198.2230,  
-22.2949, -82.6336

■ 96.5710, -23.4525,  
-84.6928

■ 211.1680,  
-15.3658, -65.0453

■ 77.6440, -27.4325,  
-68.0938

■ 223.7430, -7.2683,  
-48.8866

■ 59.2870, -29.2285,  
-51.9947

■ 236.2040, 0.3924,  
-32.6279

■ 44.0250, -21.7043,  
-38.6099

■ 247.5250, 3.6852,  
-15.3694

■ 30.5240, -15.0483,  
-26.7695

■ 14.0880, -6.9454,

-12.3552

■ 0.0000, 0.0000,  
0.0000

■ 135.2570,  
-17.3817, -118.6204

■ 142.7900,  
-15.6725, -106.8098

■ 150.3230,  
-13.9632, -94.9993

■ 157.8560,  
-12.2540, -83.1887

■ 165.3890,  
-10.5448, -71.3782

■ 173.2210, -8.9830,  
-58.9528

■ 180.8680, -6.8369,  
-47.2422

■ 188.4010, -5.1277,  
-35.4317

■ 195.9340, -3.4185,  
-23.6211

■ 203.4670, -1.7092,  
-11.8106

# Harmonies

## Analogous

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



165.4530, -67.7643, -11.7983



135.2570, -17.3817, -118.6204



147.3290, 13.6418, -129.2075

# Triad

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



135.2570, -17.3817, -118.6204



142.9480, 55.2416, -125.3654



159.1910, -19.3212, 84.0245

# Complementary

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



135.2570, -17.3817, -118.6204



75.7430, 17.3817, 118.6204

# 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.



161.5290, 15.0222, 81.9741



135.2570, -17.3817, -118.6204



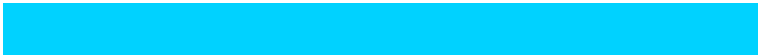
177.3420, 38.2854, -6.4389

# Square

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



135.2570, -17.3817, -118.6204



152.3400, 50.6114, -133.6022



182.7990, 35.5951, 63.3203



169.3910, -56.3948, 75.0791

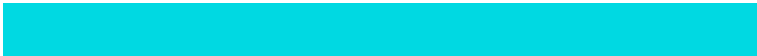


# Rectangle

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



135.2570, -17.3817, -118.6204



153.1430, 35.9185, -134.3064



182.7990, 35.5951, 63.3203



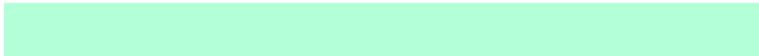
157.7040, -7.2491, 85.3286

# Sweetspot

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



135.2570, -17.3817, -118.6204



227.7160, -6.2690, -42.7239



157.6440, -77.7185, -39.1528



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.



135.2570, -17.3817, -118.6204



163.4790, -20.9421, -143.3711



147.1130, 28.0453, -129.0181



101.0270, -0.9993, -6.1627



107.7360, -13.6738, -94.4845



26.2330, -3.5659, -23.0063



# Inverse Universe

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



75.7430, 17.3817, 118.6204



91.5210, 20.9421, 143.3711



63.8870, -28.0453, 129.0181



97.9730, 0.9993, 6.1627



60.3780, 14.1106, 94.3845

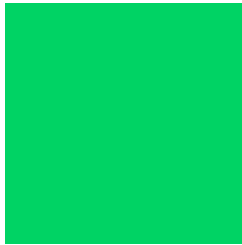


14.6530, 3.1291, 23.1063



# Previews

## White Background



This preview shows how the YUV color 135.2570, -17.3817, -118.6204 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 135.2570, -17.3817, -118.6204 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 135.2570, -17.3817, -118.6204 Background



This preview shows how black text looks on a background with the YUV color 135.2570, -17.3817, -118.6204.



This preview shows how white text looks on a background with the YUV color 135.2570, -17.3817, -118.6204.



# 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



### Protanopia

177.1930, -42.9861, 20.8787

### Deuteranopia

179.8710, -34.4464, 35.1931

### Tritanopia

165.8410, 24.2354, -73.5286

# Trichromacy



## Protanomaly

162.2790, -33.6615, -30.0627

## Deuteranomaly

163.7130, -28.4525, -20.7963

## Tritanomaly

154.4310, 9.1545, -89.8320

# Monochromacy



## Achromatopsia

135.0000, 0.0000, 0.0000

## Achromatomaly

135.3030, -6.5584, -43.2387

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 135.2570, -17.3817, -118.6204 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, 211, 100)` looks like.

```
.text, #text, p{  
    color:rgb(0, 211, 100)  
}
```

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, 211, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 211, 100) }
```

## Border

The CSS property to change the border of an element to YUV 135.2570, -17.3817, -118.6204 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, 211, 100) }
```

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

```
.border{ border-color:rgb(0, 211, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 211, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 211, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 211, 100);  
box-shadow:4px 4px 4px 4px rgb(0, 211,  
100) }
```



# Background

The CSS property to change the background color of an element to YUV 135.2570, -17.3817, -118.6204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 211, 100) }
```

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

```
.background{ background-color: rgb(0, 211,  
100) }
```

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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