

# Converting Colors

YUV(127.4370, -37.1904,  
-111.7622)

Have a look what the booklet for  
YUV(127.4370, -37.1904, -111.7622)  
contains.

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# Color

**YUV(127.4370, -37.1904,  
-111.7622)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00CF34
RGB	0, 207, 52
RGB Percent	0%, 81%, 20%
CMY	1.0000, 0.1882, 0.7961
CMYK	1.00, 0.00, 0.75, 0.19
HSL	135°, 100%, 41%
HSV	135°, 100%, 81%
XYZ	22.9327, 44.8736, 10.7016
YIQ	127.4370, -73.6170, -92.0890

# Conversions

## Conversions Part 2

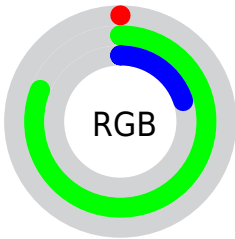
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 165, 207
Decimal	53044
CIELab	72.81, -71.52, 60.82
CIELCh	73, 93.886, 139.623
Yxy	44.8736, 0.2921, 0.5716
Android (android.graphics.Color)	4278243124 (0xFF00CF34)
YUV	127.4370, -37.1904, -111.7622
Hunter-Lab	66.9877, -56.1207, 37.4196

# Details

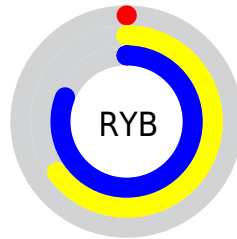
The YUV color **127.4370, -37.1904, -111.7622** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **79.5630, 37.1904, 111.7622**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.3920, -42.0983, -77.5198**, and **88.6370, -43.6980, -77.7346** is the 20% darker color. If you saturate the color by 10%, you get **127.4370, -37.1904, -111.7622**, and if you desaturate by 10%, it is **135.5400, -33.2972, -100.4516**.

# Distribution



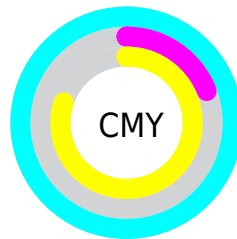
- Red (0%)
- Green (81%)
- Blue (20%)



- Red (0%)
- Yellow (65%)
- Blue (81%)



- Cyan (100%)
- Magenta (0%)
- Yellow (75%)
- Black (19%)



- Cyan (100%)
- Magenta (19%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 127.4370, -37.1904, -111.7622 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 127.4370, -37.1904, -111.7622 by changing the saturation by 10% instead.



■ 127.4370,  
-37.1904, -111.7622

■ 127.4370,  
-37.1904, -111.7622

■ 255.0000, 0.0000,  
0.0000

■ 106.8970,  
-44.8122, -93.7487

■ 193.3920,  
-42.0983, -77.5198

■ 88.6370, -43.6980,  
-77.7346

■ 206.4510,  
-34.7323, -60.0315

■ 72.7880, -35.8845,  
-63.8351

■ 218.9120,  
-27.0716, -43.7728

■ 56.9390, -28.0709,  
-49.9355

■ 231.7860,  
-19.1215, -26.9993

■ 42.2640, -20.8362,  
-37.0655

■ 244.2470,  
-11.4608, -10.7406

■ 27.5890, -13.6014,  
-24.1956

■ 254.5440, -1.7472,

■ 10.5660, -5.2090,

0.3999

-9.2664

■ 0.0000, 0.0000,  
0.0000

■ 127.4370,  
-37.1904, -111.7622

■ 135.5400,  
-33.2972, -100.4516

■ 143.2300,  
-29.6934, -89.6557

■ 151.3330,  
-25.8002, -78.3450

■ 159.3220,  
-22.3437, -66.9344

■ 167.4250,  
-18.4505, -55.6237

■ 175.1150,  
-14.8467, -44.8279

■ 183.2180,  
-10.9535, -33.5172

■ 191.2070, -7.4971,  
-22.1065

■ 199.0110, -3.4564,  
-11.4106

# Harmonies

## Analogous

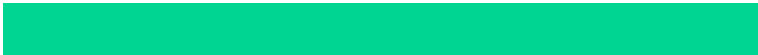
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



160.5550, -79.1536, 1.2673



127.4370, -37.1904, -111.7622



142.1480, 1.4060, -124.6638

# Triad

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



127.4370, -37.1904, -111.7622



145.2960, 54.0841, -127.4246



137.6830, -5.2667, 102.8870

# Complementary

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



127.4370, -37.1904, -111.7622



79.5630, 37.1904, 111.7622

# 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.



147.3730, 31.8611, 94.3889



127.4370, -37.1904, -111.7622



155.7810, 48.9150, -55.9359

# Square

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



127.4370, -37.1904, -111.7622



153.5140, 50.0326, -134.6318



177.1950, 38.3579, 63.8500



153.8210, -55.1278, 88.7340



# Rectangle

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



127.4370, -37.1904, -111.7622



150.1620, 27.0351, -131.6921



177.1950, 38.3579, 63.8500



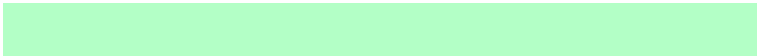
136.1790, 9.2788, 104.2060

# Sweetspot

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



127.4370, -37.1904, -111.7622



225.7780, -13.6946, -41.0243



167.8540, -82.7520, -11.2730



110.2560, -8.5072, -24.7805



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.



127.4370, -37.1904, -111.7622



156.9810, -45.8396, -137.6723



139.1790, 7.7998, -122.0600



100.7990, -1.8729, -5.9627



103.4040, -30.2722, -90.6853



25.2070, -7.4971, -22.1065



# Inverse Universe

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



79.5630, 37.1904, 111.7622



98.0190, 45.8396, 137.6723



67.8210, -7.7998, 122.0600



98.2010, 1.8729, 5.9627



64.5960, 30.2722, 90.6853

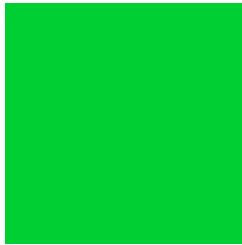


15.7930, 7.4971, 22.1065



# Previews

## White Background



This preview shows how the YUV color 127.4370, -37.1904, -111.7622 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 127.4370, -37.1904, -111.7622 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 127.4370, -37.1904, -111.7622 Background



This preview shows how black text looks on a background with the YUV color 127.4370, -37.1904, -111.7622.



This preview shows how white text looks on a background with the YUV color 127.4370, -37.1904, -111.7622.



# 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

127.4370, -37.1904, -111.7622

### Protanopia

169.0030, -61.6265, 26.3074

### Deuteranopia

172.3330, -51.9292, 42.6810



## Tritanopia

162.5320, 22.9087, -67.9956

# Trichromacy



## Original Color

127.4370, -37.1904, -111.7622



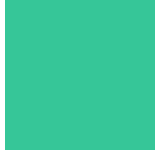
## Protanomaly

154.2740, -52.8861, -23.9193



## Deuteranomaly

156.0610, -46.3721, -13.2085



## Tritanomaly

149.7000, 1.1339, -83.9289

# Monochromacy



## Original Color

127.4370, -37.1904, -111.7622



## Achromatopsia

127.0000, 0.0000, 0.0000



## Achromatomaly

127.1910, -13.4052, -40.5095

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 127.4370, -37.1904, -111.7622 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, 207, 52)` looks like.

```
.text, #text, p{  
    color:rgb(0, 207, 52)  
}
```

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, 207, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 207, 52) }
```

## Border

The CSS property to change the border of an element to YUV 127.4370, -37.1904, -111.7622 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, 207, 52) }
```



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

```
.border{ border-color:rgb(0, 207, 52) }
```

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

Here you see how a box with a 4 pixel rgb(0, 207, 52) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 207, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 207, 52);  
box-shadow:4px 4px 4px 4px rgb(0, 207, 52)  
}
```

# Background

The CSS property to change the background color of an element to YUV 127.4370, -37.1904, -111.7622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 207, 52) }
```

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

```
.background{ background-color: rgb(0, 207,  
52) }
```

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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