

# Converting Colors

YUV(119.7210, -21.0615,  
-104.9953)

Have a look what the booklet for  
YUV(119.7210, -21.0615, -104.9953)  
contains.

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# Color

**YUV(119.7210, -21.0615,  
-104.9953)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00BD4D
RGB	0, 189, 77
RGB Percent	0%, 74%, 30%
CMY	1.0000, 0.2588, 0.6980
CMYK	1.00, 0.00, 0.59, 0.26
HSL	144°, 100%, 37%
HSV	144°, 100%, 74%
XYZ	19.5372, 36.9310, 13.1199
YIQ	119.7210, -76.6920, -74.9000

# Conversions

## Conversions Part 2

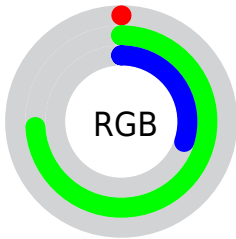
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 134, 189
Decimal	48461
CIELab	67.23, -63.65, 44.71
CIELCh	67, 77.780, 144.914
Yxy	36.9310, 0.2808, 0.5307
Android (android.graphics.Color)	4278238541 (0xFF00BD4D)
YUV	119.7210, -21.0615, -104.9953
Hunter-Lab	60.7709, -48.9633, 29.7395

# Details

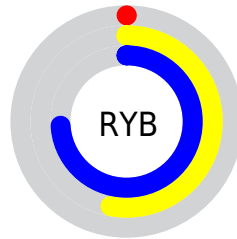
The YUV color **119.7210, -21.0615, -104.9953** is a dark color, and the websafe version is hex **00CC66**. A complement of this color would be **69.2790, 21.0615, 104.9953**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.9970, -29.5785, -79.8044**, and **81.3940, -28.2952, -71.3825** is the 20% darker color. If you saturate the color by 10%, you get **119.7210, -21.0615, -104.9953**, and if you desaturate by 10%, it is **126.6560, -19.0574, -94.4143**.

# Distribution



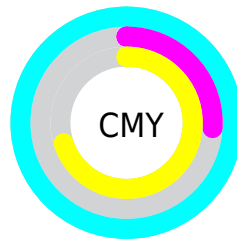
- Red (0%)
- Green (74%)
- Blue (30%)



- Red (0%)
- Yellow (53%)
- Blue (74%)



- Cyan (100%)
- Magenta (0%)
- Yellow (59%)
- Black (26%)



- Cyan (100%)
- Magenta (26%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 119.7210, -21.0615, -104.9953 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 119.7210, -21.0615, -104.9953 by changing the saturation by 10% instead.



■ 119.7210,  
-21.0615, -104.9953

■ 119.7210,  
-21.0615, -104.9953

■ 255.0000, 0.0000,  
0.0000

■ 100.3210,  
-24.3153, -87.9815

■ 188.9970,  
-29.5785, -79.8044

■ 81.3940, -28.2952,  
-71.3825

■ 206.3390,  
-24.8171, -66.9493

■ 62.8090, -30.9648,  
-55.0835

■ 218.8000,  
-17.1564, -50.6906

■ 48.1340, -23.7301,  
-42.2135

■ 230.9620, -9.3483,  
-35.0467

■ 33.4590, -16.4953,  
-29.3435

■ 243.5370, -1.2507,  
-18.8879

■ 19.3710, -9.5499,  
-16.9884

■ 254.1030, 0.4422,

■ 0.0000, 0.0000,

-1.8443

0.0000

■ 119.7210,  
-21.0615, -104.9953

■ 126.6560,  
-19.0574, -94.4143

■ 133.5910,  
-17.0534, -83.8333

■ 140.6400,  
-14.6125, -73.3523

■ 147.5750,  
-12.6085, -62.7713

■ 154.5100,  
-10.6044, -52.1903

■ 161.1460, -8.4530,  
-42.2240

■ 168.0810, -6.4489,  
-31.6430

■ 175.1300, -4.0081,  
-21.1620

■ 182.0650, -2.0040,  
-10.5810

# Harmonies

## Analogous

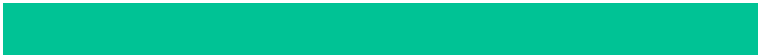
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



145.4600, -71.7118, -5.6654



119.7210, -21.0615, -104.9953



131.4510, 8.6517, -115.2825

# Triad

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



119.7210, -21.0615, -104.9953



132.3820, 60.4507, -116.0990



145.0230, -17.7593, 96.4498

# Complementary

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



119.7210, -21.0615, -104.9953



69.2790, 21.0615, 104.9953

# 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.



148.8940, 14.8423, 93.0550



119.7210, -21.0615, -104.9953



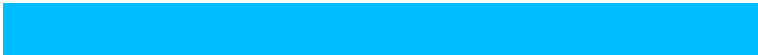
157.7840, 47.9275, -19.1046

# Square

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



119.7210, -21.0615, -104.9953



140.6000, 56.3992, -123.3062



166.5860, 38.6581, 60.8761



155.8100, -55.1223, 86.9896



# Rectangle

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



119.7210, -21.0615, -104.9953



137.6240, 29.7654, -120.6962



166.5860, 38.6581, 60.8761



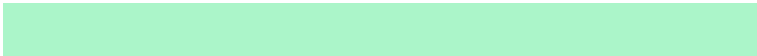
144.1230, -5.9766, 97.2391

# Sweetspot

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



119.7210, -21.0615, -104.9953



217.8580, -8.3110, -41.0945



144.7300, -71.3519, -27.8272



105.8800, -4.8708, -24.4508



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



119.7210, -21.0615, -104.9953



155.2150, -27.2210, -136.1236



130.3230, 19.5608, -114.2933



90.7390, -0.8573, -5.0331



100.0420, -17.7687, -87.7368



19.5650, -3.7295, -17.1585



# Inverse Universe

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



69.2790, 21.0615, 104.9953



89.7850, 27.2210, 136.1236



58.6770, -19.5608, 114.2933



88.3750, 1.2941, 4.9331



57.9580, 17.7687, 87.7368

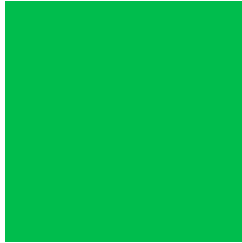


11.3210, 3.2927, 17.2585



# Previews

## White Background



This preview shows how the YUV color 119.7210, -21.0615, -104.9953 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 119.7210, -21.0615, -104.9953 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 119.7210, -21.0615, -104.9953 Background



This preview shows how black text looks on a background with the YUV color 119.7210, -21.0615, -104.9953.



This preview shows how white text looks on a background with the YUV color 119.7210, -21.0615, -104.9953.



# 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

119.7210, -21.0615, -104.9953

### Protanopia

157.6660, -43.7123, 20.4639

### Deuteranopia

160.4040, -36.1882, 33.8487



## Tritanopia

148.2120, 21.5875, -64.2069

# Trichromacy



## Original Color

119.7210, -21.0615, -104.9953



## Protanomaly

143.5570, -35.2776, -25.0445



## Deuteranomaly

145.4640, -30.7948, -16.1929



## Tritanomaly

137.6990, 6.0644, -78.6660

# Monochromacy



## Original Color

119.7210, -21.0615, -104.9953



## Achromatopsia

120.0000, 0.0000, 0.0000



## Achromatomaly

119.6950, -7.7376, -38.3205

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 119.7210, -21.0615, -104.9953 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, 189, 77)` looks like.

```
.text, #text, p{  
    color:rgb(0, 189, 77)  
}
```

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, 189, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 189, 77) }
```

## Border

The CSS property to change the border of an element to YUV 119.7210, -21.0615, -104.9953 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, 189, 77) }
```



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

```
.border{ border-color:rgb(0, 189, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 189, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 189, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 189, 77);  
box-shadow:4px 4px 4px 4px rgb(0, 189, 77)  
}
```

# Background

The CSS property to change the background color of an element to YUV 119.7210, -21.0615, -104.9953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 189, 77) }
```

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

```
.background{ background-color: rgb(0, 189,  
77) }
```

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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