

# Converting Colors

YUV(181.7660, -76.2996,  
-74.3398)

Have a look what the booklet for  
YUV(181.7660, -76.2996, -74.3398)  
contains.

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# Color

**YUV(181.7660, -76.2996,  
-74.3398)**

# Conversions

## Conversions Part 1

Format	Color
Hex	61FF1B
RGB	97, 255, 27
RGB Percent	38%, 100%, 11%
CMY	0.6196, 0.0000, 0.8941
CMYK	0.62, 0.00, 0.89, 0.00
HSL	102°, 100%, 55%
HSV	102°, 89%, 100%
XYZ	40.8876, 74.1405, 13.1925
YIQ	181.7660, -20.9800, -104.4040

# Conversions

## Conversions Part 2

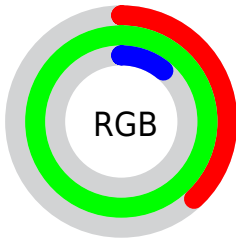
<b>Format</b>	<b>Color</b>
<b>RYB</b>	27, 255, 185
Decimal	6422299
CIELab	88.99, -75.09, 82.05
CIElCh	89, 111.225, 132.465
Yxy	74.1405, 0.3189, 0.5782
Android (android.graphics.Color)	4284612379 (0xFF61FF1B)
YUV	181.7660, -76.2996, -74.3398
Hunter-Lab	86.1049, -65.9214, 51.1894

# Details

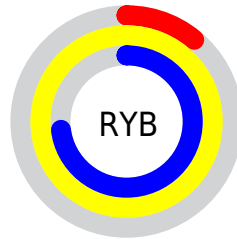
The YUV color **181.7660, -76.2996, -74.3398** is a dark color, and the websafe version is hex **66FF00**. The color can be described as dark washed chartreuse. A complement of this color would be **100.2340, 76.2996, 74.3398**, and the grayscale version is **183.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.2350, -53.8529, -40.5481**, and **115.6390, -57.0100, -101.4154** is the 20% darker color. If you saturate the color by 10%, you get **173.4200, -85.0031, -82.8063**, and if you desaturate by 10%, it is **189.9980, -68.0330, -65.7732**.

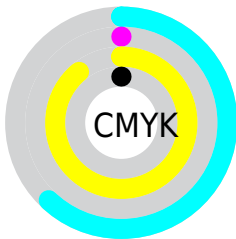
# Distribution



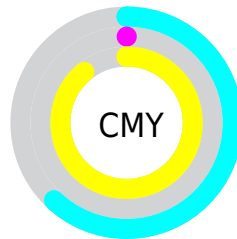
- Red (38%)
- Green (100%)
- Blue (11%)



- Red (11%)
- Yellow (100%)
- Blue (73%)



- Cyan (62%)
- Magenta (0%)
- Yellow (89%)
- Black (0%)



- Cyan (62%)
- Magenta (0%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 181.7660, -76.2996, -74.3398 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 181.7660, -76.2996, -74.3398 by changing the saturation by 10% instead.



181.7660,  
-76.2996, -74.3398

181.7660,  
-76.2996, -74.3398

255.0000, 0.0000,  
0.0000

149.4060,  
-73.6572, -81.9171

210.2350,  
-53.8529, -40.5481

115.6390,  
-57.0100, -101.4154

223.2230,  
-45.4659, -23.8746

99.2030, -48.9071,  
-87.0010

236.0970,  
-37.5158, -7.1011

82.7670, -40.8041,  
-72.5867

247.5900,  
-28.3919, 6.4986

66.9180, -32.9906,  
-58.6871

251.0100,  
-15.2879, 3.4992

51.6560, -25.4664,  
-45.3023

254.4300, -2.1840,

36.9810, -18.2316,

0.4999

-32.4323

■ 21.7190, -10.7075,  
-19.0476

■ 0.0000, 0.0000,  
0.0000

■ 181.7660,  
-76.2996, -74.3398

■ 181.7660,  
-76.2996, -74.3398

■ 173.4200,  
-85.0031, -82.8063

■ 189.9980,  
-68.0330, -65.7732

■ 173.0070,  
-85.2925, -83.3211

■ 198.0450,  
-59.1822, -57.9215

■ 206.2770,  
-50.9156, -49.3549

■ 214.6230,  
-42.2121, -40.8884

■ 222.5560,  
-33.7981, -32.9366

■ 230.9020,  
-25.0947, -24.4701

■ 239.1340,  
-16.8281, -15.9035

■ 247.1810, -7.9772,  
-8.0517

255.0000, 0.0000,  
0.0000

# Harmonies

## Analogous

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



204.9430, -101.0369, 20.2210



181.7660, -76.2996, -74.3398



167.3550, -6.0910, -146.7703

# Triad

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



181.7660, -76.2996, -74.3398



177.5810, 38.1676, -155.7385



152.3990, 15.5793, 89.9811

# Complementary

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



181.7660, -76.2996, -74.3398



100.2340, 76.2996, 74.3398

# 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.



171.0590, 41.3829, 73.6163



181.7660, -76.2996, -74.3398



159.3840, 47.1387, -139.7798

# Square

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



181.7660, -76.2996, -74.3398



178.7550, 37.5888, -156.7681



206.2790, 24.0195, 42.7283



168.9470, -42.8649, 75.4685



# Rectangle

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



181.7660, -76.2996, -74.3398



175.9050, 26.6688, -154.2687



206.2790, 24.0195, 42.7283



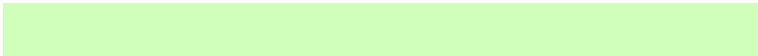
154.0410, 32.0248, 88.5410

# Sweetspot

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



181.7660, -76.2996, -74.3398



232.7820, -23.0635, -22.6108



186.7440, -78.7538, 59.8605



114.6550, -13.6339, -13.7294



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.



181.7660, -76.2996, -74.3398



173.0070, -85.2925, -83.3211



165.6240, -47.6356, -121.5732



123.8270, -4.3517, -4.2333



129.7580, -63.9707, -62.0548



43.5480, -21.4692, -20.6516



# Inverse Universe

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



100.2340, 76.2996, 74.3398



81.9930, 85.2925, 83.3211



116.3760, 47.6356, 121.5732



119.1730, 4.3517, 4.2333



61.5410, 63.8233, 62.6695

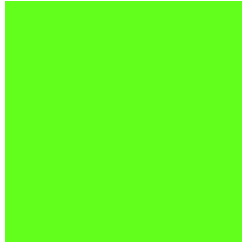


20.4520, 21.4692, 20.6516



# Previews

## White Background



This preview shows how the YUV color 181.7660, -76.2996, -74.3398 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

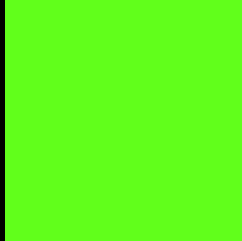
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 181.7660, -76.2996, -74.3398 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

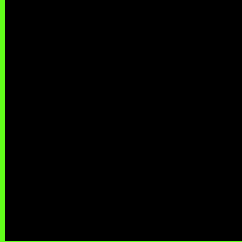
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

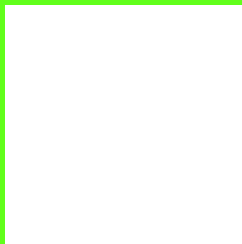
Any Text WCAG AAA ✓ Pass

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

# YUV 181.7660, -76.2996, -74.3398 Background



This preview shows how black text looks on a background with the YUV color 181.7660, -76.2996, -74.3398.



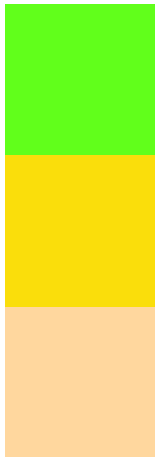
This preview shows how white text looks on a background with the YUV color 181.7660, -76.2996, -74.3398.

-74.3398.

# 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

181.7660, -76.2996, -74.3398

### Protanopia

206.3180, -96.2918, 38.3091

### Deuteranopia

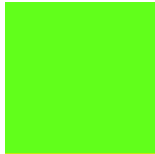
220.4620, -30.7938, 30.2898



## Tritanopia

211.2450, 21.5712, -58.9739

# Trichromacy



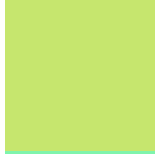
## Original Color

181.7660, -76.2996, -74.3398



## Protanomaly

197.3020, -88.8889, -2.8959



## Deuteranomaly

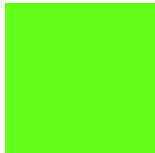
206.7520, -47.6987, -7.6755



## Tritanomaly

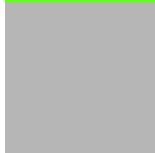
200.8090, -14.2028, -64.7305

# Monochromacy



## Original Color

181.7660, -76.2996, -74.3398



## Achromatopsia

182.0000, 0.0000, 0.0000



## Achromatomaly

182.1960, -27.7046, -27.3589

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 181.7660, -76.2996, -74.3398 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(97, 255, 27)` looks like.

```
.text, #text, p{  
    color:rgb(97, 255, 27)  
}
```

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(97, 255, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 255, 27) }
```

## Border

The CSS property to change the border of an element to YUV 181.7660, -76.2996, -74.3398 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(97, 255, 27) }
```



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

```
.border{ border-color:rgb(97, 255, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 255, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 255, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 255, 27);  
box-shadow:4px 4px 4px 4px rgb(97, 255,  
27) }
```

# Background

The CSS property to change the background color of an element to YUV 181.7660, -76.2996, -74.3398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 255, 27) }
```

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

```
.background{ background-color: rgb(97, 255,  
27) }
```

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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