

# Converting Colors

YUV(106.9560, 67.0697,  
-45.5654)

Have a look what the booklet for  
YUV(106.9560, 67.0697, -45.5654)  
contains.

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# Color

**YUV(106.9560, 67.0697,  
-45.5654)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	376BF3
RGB	55, 107, 243
RGB Percent	22%, 42%, 95%
CMY	0.7843, 0.5804, 0.0471
CMYK	0.77, 0.56, 0.00, 0.05
HSL	223°, 89%, 58%
HSV	223°, 77%, 95%
XYZ	23.0109, 17.7987, 87.0167
YIQ	106.9560, -74.6480, 31.2720

# Conversions

## Conversions Part 2

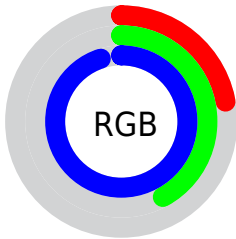
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	55, 96, 243
Decimal	3632115
CIE Lab	49.25, 30.37, -73.10
CIE LCh	49, 79.157, 292.563
Yxy	17.7987, 0.1800, 0.1392
Android (android.graphics.Color)	4281822195 (0xFF376BF3)
YUV	106.9560, 67.0697, -45.5654
Hunter-Lab	42.1885, 23.5296, -92.7578

# Details

The YUV color **106.9560, 67.0697, -45.5654** is a dark color, and the websafe version is hex **0066FF**. The color can be described as middle washed azure. A complement of this color would be **191.0440, -67.0697, 45.5654**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.3870, 46.6442, -27.5264**, and **57.0110, 63.5916, -49.9986** is the 20% darker color. If you saturate the color by 10%, you get **89.2140, 75.8165, -51.0537**, and if you desaturate by 10%, it is **124.6980, 58.3229, -40.0771**.

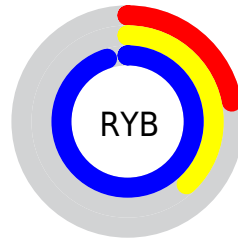
# Distribution



Red (22%)

Green (42%)

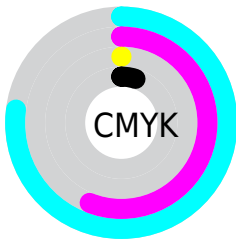
Blue (95%)



Red (22%)

Yellow (38%)

Blue (95%)

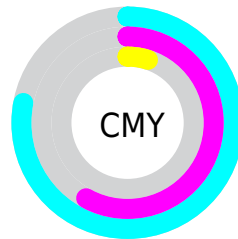


Cyan (77%)

Magenta (56%)

Yellow (0%)

Black (5%)



Cyan (78%)

Magenta (58%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 106.9560, 67.0697, -45.5654 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 106.9560, 67.0697, -45.5654 by changing the saturation by 10% instead.



■ 106.9560, 67.0697,  
-45.5654

■ 106.9560, 67.0697,  
-45.5654

255.0000, 0.0000,  
0.0000

■ 73.1170, 69.4553,  
-64.1236

■ 160.3870, 46.6442,  
-27.5264

■ 57.0110, 63.5916,  
-49.9986

■ 185.8040, 34.1136,  
-21.7531

■ 41.4920, 57.4384,  
-36.3885

■ 210.9220, 21.7305,  
-16.5946

■ 28.4350, 50.5645,  
-24.9375

■ 236.6270, 9.0579,  
-11.9509

■ 11.9700, 45.8638,  
-10.4977

254.7010, 0.1474,  
-0.6148

■ 14.9900, 32.0499,  
-13.1462

■ 9.3190, 23.0137,

-8.1728

■ 4.9360, 13.8356,  
-4.3289

■ 0.7980, 3.0576,  
-0.6998

■ 106.9560, 67.0697,  
-45.5654

■ 106.9560, 67.0697,  
-45.5654

■ 89.2140, 75.8165,  
-51.0537

■ 124.6980, 58.3229,  
-40.0771

■ 71.7600, 84.4213,  
-57.6715

■ 142.1520, 49.7181,  
-33.4593

■ 67.0310, 86.7527,  
-58.7862

■ 159.8940, 40.9713,  
-27.9710

■ 177.0490, 32.5138,  
-21.9680

■ 194.7910, 23.7670,  
-16.4797

■ 212.2450, 15.1622,  
-9.8619

■ 229.9870, 6.4154,  
-4.3736

■ 247.7290, -2.3314,  
1.1147

■ 253.6320, -5.2416,  
1.1997

# Harmonies

## Analogous

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



105.6250, 72.1629, -92.6331



106.9560, 67.0697, -45.5654



116.2370, 41.2952, 55.0432

# Triad

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



106.9560, 67.0697, -45.5654



104.7220, -51.6279, 86.1898



95.7000, 1.1339, -83.9289

# Complementary

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



106.9560, 67.0697, -45.5654



191.0440, -67.0697, 45.5654

# 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.



83.7590, -31.9262, -73.4566



106.9560, 67.0697, -45.5654



110.6270, -54.5391, 39.7921

# Square

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



106.9560, 67.0697, -45.5654



90.6530, -9.6889, 121.3303



103.8290, -51.1877, -8.6200



104.1530, 30.9836, -91.3422



# Rectangle

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



106.9560, 67.0697, -45.5654



100.3090, 28.9347, 99.7070



103.8290, -51.1877, -8.6200



92.3770, -9.0599, -81.0146

# Sweetspot

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



106.9560, 67.0697, -45.5654



212.7050, 20.8514, -14.6503



180.7460, 4.5622, -110.2792



101.9740, 12.8308, -8.7472



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.



106.9560, 67.0697, -45.5654



83.1730, 84.7107, -57.1567



88.6910, 76.0743, 6.4100



113.7160, 4.0840, -3.2589



51.1410, 66.4855, -44.8507



16.1180, 21.1408, -14.1355



# Inverse Universe

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



117.1400, -4.9990, 110.3792



96.2730, -6.5436, 139.2036



209.3090, -76.0743, -6.4100



114.0440, -0.0217, 6.9774



61.4280, -5.1410, 109.2496



19.4650, -1.7082, 34.6722



# Previews

## White Background



This preview shows how the YUV color 106.9560, 67.0697, -45.5654 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

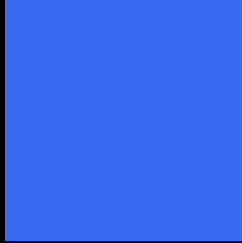
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 106.9560, 67.0697, -45.5654 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 × Fail

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

# YUV 106.9560, 67.0697, -45.5654 Background



This preview shows how black text looks on a background with the YUV color 106.9560, 67.0697, -45.5654.



This preview shows how white text looks on a background with the YUV color 106.9560, 67.0697, -45.5654.

-45.5654.

# 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

106.9560, 67.0697, -45.5654

### Protanopia

92.8760, 71.5461, -81.4523

### Deuteranopia

93.2230, 55.1061, -81.7566



## Tritanopia

91.4550, 22.9467, -80.2060

# Trichromacy



## Original Color

106.9560, 67.0697, -45.5654

## Protanomaly

97.9100, 70.0504, -68.3271

## Deuteranomaly

98.4510, 59.4307, -68.8015

## Tritanomaly

97.0710, 38.9120, -67.5913

# Monochromacy



## Original Color

106.9560, 67.0697, -45.5654

## Achromatopsia

107.0000, 0.0000, 0.0000

## Achromatomaly

106.9050, 24.2038, -16.5797

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 106.9560, 67.0697, -45.5654 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(55, 107, 243)` looks like.

```
.text, #text, p{  
    color:rgb(55, 107, 243)  
}
```

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(55, 107, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 107, 243) }
```

## Border

The CSS property to change the border of an element to YUV 106.9560, 67.0697, -45.5654 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(55, 107, 243) }
```



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

```
.border{ border-color:rgb(55, 107, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 107, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 107, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 107, 243);  
box-shadow:4px 4px 4px 4px rgb(55, 107,  
243) }
```

# Background

The CSS property to change the background color of an element to YUV 106.9560, 67.0697, -45.5654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 107, 243) }
```

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

```
.background{ background-color: rgb(55, 107,  
243) }
```

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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