

# Converting Colors

YUV(119.9840, 64.5909,  
-43.8360)

Have a look what the booklet for  
YUV(119.9840, 64.5909, -43.8360)  
contains.

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# Color

**YUV(119.9840, 64.5909,  
-43.8360)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4678FB
RGB	70, 120, 251
RGB Percent	27%, 47%, 98%
CMY	0.7255, 0.5294, 0.0157
CMYK	0.72, 0.52, 0.00, 0.02
HSL	223°, 96%, 63%
HSV	223°, 72%, 98%
XYZ	26.6548, 21.7001, 94.0505
YIQ	119.9840, -71.8510, 30.1410

# Conversions

## Conversions Part 2

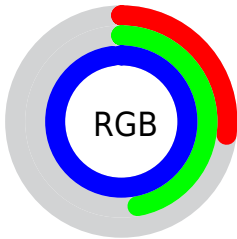
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	70, 109, 251
Decimal	4618491
CIE Lab	53.71, 26.81, -70.29
CIE LCh	54, 75.228, 290.882
Yxy	21.7001, 0.1872, 0.1524
Android (android.graphics.Color)	4282808571 (0xFF4678FB)
YUV	119.9840, 64.5909, -43.8360
Hunter-Lab	46.5833, 20.6163, -87.0965

# Details

The YUV color **119.9840, 64.5909, -43.8360** 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 **201.0160, -64.5909, 43.8360**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.5950, 41.1187, -28.5858**, and **64.8530, 63.1765, -56.8761** is the 20% darker color. If you saturate the color by 10%, you get **101.9430, 73.4851, -49.9390**, and if you desaturate by 10%, it is **138.0250, 55.6967, -37.7329**.

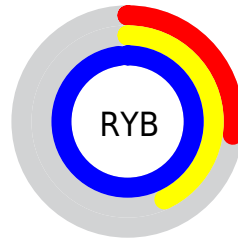
# Distribution



Red (27%)

Green (47%)

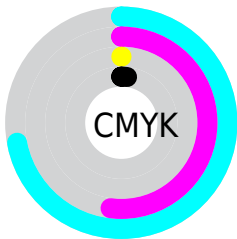
Blue (98%)



Red (27%)

Yellow (43%)

Blue (98%)

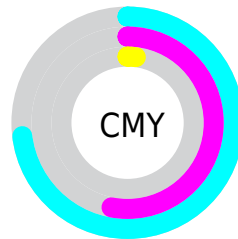


Cyan (72%)

Magenta (52%)

Yellow (0%)

Black (2%)



Cyan (73%)

Magenta (53%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 119.9840, 64.5909, -43.8360 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 119.9840, 64.5909, -43.8360 by changing the saturation by 10% instead.



■ 119.9840, 64.5909,  
-43.8360

■ 119.9840, 64.5909,  
-43.8360

255.0000, 0.0000,  
0.0000

■ 84.6500, 67.7135,  
-65.4681

■ 171.5950, 41.1187,  
-28.5858

■ 64.8530, 63.1765,  
-56.8761

■ 197.0120, 28.5881,  
-22.8125

■ 48.8610, 57.7495,  
-42.8511

■ 222.7170, 15.9155,  
-18.1688

■ 34.6300, 51.4544,  
-30.3705

■ 248.4220, 3.2430,  
-13.5251

■ 19.8120, 45.4487,  
-17.3751

■ 16.9620, 34.5287,  
-14.8757

■ 10.5900, 25.3451,

-9.2874

■ 6.3210, 16.6037,  
-5.5435

■ 2.5250, 7.1362,  
-2.2144

■ 119.9840, 64.5909,  
-43.8360

■ 119.9840, 64.5909,  
-43.8360

■ 101.9430, 73.4851,  
-49.9390

■ 138.0250, 55.6967,  
-37.7329

■ 83.9020, 82.3793,  
-56.0421

■ 156.0660, 46.8025,  
-31.6299

■ 69.1170, 89.6683,  
-60.6156

■ 174.1070, 37.9082,  
-25.5268

■ 192.7350, 28.7246,  
-19.9386

■ 211.0750, 19.6830,  
-13.2208

■ 229.1160, 10.7888,  
-7.1177

■ 247.1570, 1.8946,  
-1.0147

254.5440, -1.7472,  
0.3999

# Harmonies

## Analogous

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



112.4240, 70.2900, -98.5958



119.9840, 64.5909, -43.8360



129.8510, 40.0065, 48.3657

# Triad

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



119.9840, 64.5909, -43.8360



118.6340, -48.1336, 85.3900



103.0690, 1.4450, -90.3915

# Complementary

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



119.9840, 64.5909, -43.8360



201.0160, -64.5909, 43.8360

# 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.



92.0400, -28.1207, -80.7191



119.9840, 64.5909, -43.8360



121.2810, -59.7915, 44.4806

# Square

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



119.9840, 64.5909, -43.8360



112.4900, -12.5666, 110.9493



115.0810, -56.7349, -2.7020



111.8810, 30.1317, -98.1196



# Rectangle

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



119.9840, 64.5909, -43.8360



121.4940, 24.8995, 87.2668



115.0810, -56.7349, -2.7020



99.8600, -8.3120, -87.5772

# Sweetspot

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



119.9840, 64.5909, -43.8360



214.1890, 20.1198, -13.3208



191.0670, 4.4040, -106.1758



103.7460, 11.9572, -8.5472



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.



119.9840, 64.5909, -43.8360



94.1150, 79.3163, -53.5979



102.2950, 73.3116, 5.8803



115.8300, 4.5208, -3.3589



52.0700, 67.5065, -45.6654



16.9330, 21.7250, -14.8502



# Inverse Universe

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



129.8190, -4.8408, 106.2757



106.3320, -6.0797, 130.3818



218.7050, -73.3116, -5.8803



116.3430, -0.1691, 7.5922



62.4390, -5.1464, 110.9940



20.1770, -1.5663, 35.8018



# Previews

## White Background



This preview shows how the YUV color 119.9840, 64.5909, -43.8360 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

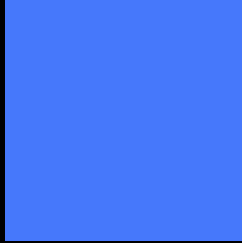
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 119.9840, 64.5909, -43.8360 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

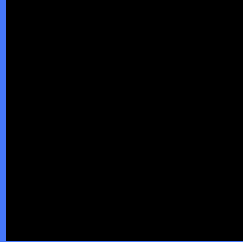
Any Text WCAG AA ✓ Pass

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 119.9840, 64.5909, -43.8360 Background



This preview shows how black text looks on a background with the YUV color 119.9840, 64.5909, -43.8360.



This preview shows how white text looks on a background with the YUV color 119.9840, 64.5909, -43.8360.

-43.8360.

# 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

119.9840, 64.5909, -43.8360

### Protanopia

113.1170, 69.4553, -64.1236

### Deuteranopia

102.1880, 61.5323, -89.6189



## Tritanopia

100.6820, 25.2998, -88.2981

# Trichromacy



## Original Color

119.9840, 64.5909, -43.8360

## Protanomaly

115.7050, 67.6864, -56.7463

## Deuteranomaly

108.3410, 62.9359, -73.0901

## Tritanomaly

107.5650, 39.6545, -72.4095

# Monochromacy



## Original Color

119.9840, 64.5909, -43.8360

## Achromatopsia

120.0000, 0.0000, 0.0000

## Achromatomaly

120.0900, 23.6196, -15.8649

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 119.9840, 64.5909, -43.8360 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(70, 120, 251)` looks like.

```
.text, #text, p{  
    color:rgb(70, 120, 251)  
}
```

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(70, 120, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 120, 251) }
```

## Border

The CSS property to change the border of an element to YUV 119.9840, 64.5909, -43.8360 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(70, 120, 251) }
```



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

```
.border{ border-color:rgb(70, 120, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 120, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 120, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 120, 251);  
box-shadow:4px 4px 4px 4px rgb(70, 120,  
251) }
```

# Background

The CSS property to change the background color of an element to YUV 119.9840, 64.5909, -43.8360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 120, 251) }
```

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

```
.background{ background-color: rgb(70, 120,  
251) }
```

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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