

# Converting Colors

YUV(54.4060, 88.5398, 21.5689)

Have a look what the booklet for  
YUV(54.4060, 88.5398, 21.5689)  
contains.

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# Color

**YUV(54.4060, 88.5398,  
21.5689)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4F07EA
RGB	79, 7, 234
RGB Percent	31%, 3%, 92%
CMY	0.6902, 0.9725, 0.0824
CMYK	0.66, 0.97, 0.00, 0.08
HSL	259°, 94%, 47%
HSV	259°, 97%, 92%
XYZ	18.1517, 7.7547, 78.3820
YIQ	54.4060, -29.9550, 85.8610

# Conversions

## Conversions Part 2

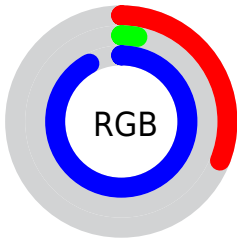
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	79, 7, 234
Decimal	5179370
CIE Lab	33.47, 74.72, -93.96
CIE LCh	33, 120.045, 308.492
Yxy	7.7547, 0.1741, 0.0744
Android (android.graphics.Color)	4283369450 (0xFF4F07EA)
YUV	54.4060, 88.5398, 21.5689
Hunter-Lab	27.8473, 67.6188, -147.3907

# Details

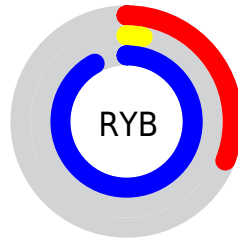
The YUV color **54.4060, 88.5398, 21.5689** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark washed blue. A complement of this color would be **186.5940, -88.5398, -21.5689**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.9340, 67.5735, 26.3679**, and **20.0640, 76.8764, -17.5961** is the 20% darker color. If you saturate the color by 10%, you get **48.8020, 91.3026, 22.0986**, and if you desaturate by 10%, it is **72.6910, 79.5253, 19.5650**.

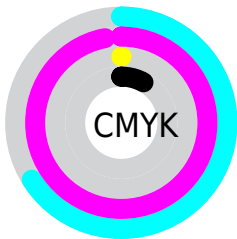
# Distribution



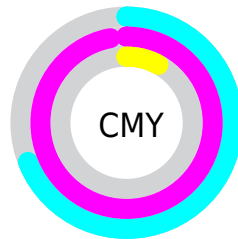
- Red (31%)
- Green (3%)
- Blue (92%)



- Red (31%)
- Yellow (3%)
- Blue (92%)



- Cyan (66%)
- Magenta (97%)
- Yellow (0%)
- Black (8%)



- Cyan (69%)
- Magenta (97%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 54.4060, 88.5398, 21.5689 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 54.4060, 88.5398, 21.5689 by changing the saturation by 10% instead.



■ 54.4060, 88.5398,  
21.5689

■ 54.4060, 88.5398,  
21.5689

■ 255.0000, 0.0000,  
0.0000

■ 32.0410, 85.2688,  
-2.6670

■ 117.9340, 67.5735,  
26.3679

■ 20.0640, 76.8764,  
-17.5961

■ 144.2370, 54.6062,  
32.2412

■ 16.9860, 65.0829,  
-14.8967

■ 169.3550, 42.2230,  
37.3997

■ 13.9080, 53.2894,  
-12.1973

■ 195.3590, 29.4030,  
42.6582

■ 17.9880, 38.4599,  
-15.7755

■ 215.6710, 19.3892,  
34.4915

■ 12.7900, 28.6975,  
-11.2168

■ 232.6940, 10.9969,

■ 7.7060, 19.3719,

19.5624

-6.7582

249.7170, 2.6045,  
4.6332

3.5510, 11.0674,  
-3.1142

0.0000, 0.0000,  
0.0000

54.4060, 88.5398,  
21.5689

54.4060, 88.5398,  
21.5689

48.8020, 91.3026,  
22.0986

72.6910, 79.5253,  
19.5650

91.5630, 70.2214,  
17.0462

109.8480, 61.2069,  
15.0423

128.7200, 51.9030,  
12.5236

■ 147.0050, 42.8885,  
10.5196

■ 165.2900, 33.8740,  
8.5157

■ 184.1620, 24.5701,  
5.9969

■ 202.4470, 15.5556,  
3.9930

■ 221.3190, 6.2517,  
1.4742

# Harmonies

## Analogous

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



81.9000, 85.3383, -71.8263



54.4060, 88.5398, 21.5689



77.0140, 36.4751, 107.8587

# Triad

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



54.4060, 88.5398, 21.5689



67.4440, -33.2499, 71.5246



74.7790, 14.8990, -65.5812

# Complementary

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



54.4060, 88.5398, 21.5689



186.5940, -88.5398, -21.5689

# 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.



61.0480, -30.0967, -53.5391



54.4060, 88.5398, 21.5689



71.4230, -35.2115, 0.5060

# Square

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



54.4060, 88.5398, 21.5689



60.6970, -29.9236, 124.7997



58.1130, -28.6497, -50.9651



87.2560, 55.0898, -76.5235



# Rectangle

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



54.4060, 88.5398, 21.5689



77.1220, 5.8559, 128.8120



58.1130, -28.6497, -50.9651



70.4300, 0.7740, -61.7671

# Sweetspot

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



54.4060, 88.5398, 21.5689



196.6120, 28.7853, 7.3563



123.8630, 54.2975, -102.4889



92.3160, 17.5922, 4.1079



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.



54.4060, 88.5398, 21.5689



53.2890, 99.4435, 24.3025



88.1930, 71.8829, 91.0387



108.1510, 4.3626, 0.7446



37.6770, 70.6582, 16.9463



11.2390, 21.0812, 5.0524



# Inverse Universe

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



92.5430, 34.2423, 124.0578



96.0810, 38.4141, 139.3720



152.8070, -71.8829, -91.0387



110.2010, 1.8729, 5.9627



68.2550, 27.4823, 98.8774

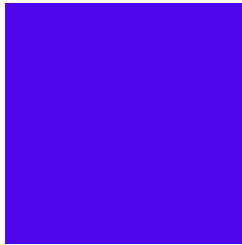


20.3640, 8.2015, 29.4988



# Previews

## White Background



This preview shows how the YUV color 54.4060, 88.5398, 21.5689 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

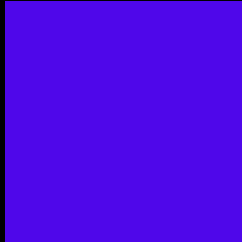
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



This preview shows how the YUV color 54.4060, 88.5398, 21.5689 looks on a black 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

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

# YUV 54.4060, 88.5398, 21.5689

## Background



This preview shows how black text looks on a background with the YUV color 54.4060, 88.5398, 21.5689.



This preview shows how white text looks on a background with the YUV color 54.4060, 88.5398,



# 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

54.4060, 88.5398, 21.5689

### Protanopia

63.5530, 48.0414, -55.7360

### Deuteranopia

63.7520, 36.1113, -55.9105



## Tritanopia

62.3720, 15.5926, -54.7002

# Trichromacy



## Original Color

54.4060, 88.5398, 21.5689

## Protanomaly

60.6270, 62.7949, -27.7369

## Deuteranomaly

60.5640, 54.9379, -27.6816

## Tritanomaly

59.8340, 41.9868, -27.0414

# Monochromacy



## Original Color

54.4060, 88.5398, 21.5689

## Achromatopsia

54.0000, 0.0000, 0.0000

## Achromatomaly

54.1220, 31.9849, 7.7860

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 54.4060, 88.5398, 21.5689 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(79, 7, 234)` looks like.

```
.text, #text, p{  
    color:rgb(79, 7, 234)  
}
```

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(79, 7, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 7, 234) }
```

## Border

The CSS property to change the border of an element to YUV 54.4060, 88.5398, 21.5689 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(79, 7, 234) }
```



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

```
.border{ border-color:rgb(79, 7, 234) }
```

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

Here you see how a box with a 4 pixel rgb(79, 7, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 7, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 7, 234);  
box-shadow:4px 4px 4px 4px rgb(79, 7, 234)  
}
```

# Background

The CSS property to change the background color of an element to YUV 54.4060, 88.5398, 21.5689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 7, 234) }
```

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

```
.background{ background-color: rgb(79, 7,  
234) }
```

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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