

Converting Colors

YUV(67.1560, 77.8171, 54.2372)

Have a look what the booklet for
YUV(67.1560, 77.8171, 54.2372)
contains.

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Color

**YUV(67.1560, 77.8171,
54.2372)**

Conversions

Conversions Part 1

Format	Color
Hex	8105E1
RGB	129, 5, 225
RGB Percent	51%, 2%, 88%
CMY	0.4941, 0.9804, 0.1176
CMYK	0.43, 0.98, 0.00, 0.12
HSL	274°, 96%, 45%
HSV	274°, 98%, 88%
XYZ	22.6981, 10.2119, 72.0089
YIQ	67.1560, 3.2840, 94.7080

Conversions

Conversions Part 2

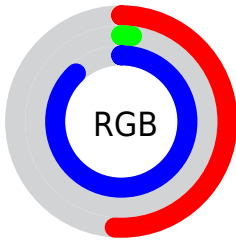
Format	Color
R_{YB}	129, 5, 225
Decimal	8455649
CIE _{Lab}	38.22, 76.50, -80.77
CIE _{LCh}	38, 111.246, 313.446
Yxy	10.2119, 0.2163, 0.0973
Android (android.graphics.Color)	4286645729 (0xFF8105E1)
YUV	67.1560, 77.8171, 54.2372
Hunter-Lab	31.9561, 70.8639, -111.2332

Details

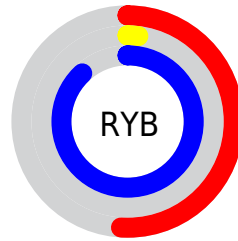
The YUV color **67.1560, 77.8171, 54.2372** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **162.8440, -77.8171, -54.2372**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.0140, 59.6461, 49.0997**, and **38.5870, 63.8006, 23.1642** is the 20% darker color. If you saturate the color by 10%, you get **63.6230, 79.5589, 55.5816**, and if you desaturate by 10%, it is **83.6470, 69.6870, 48.5446**.

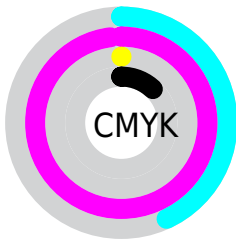
Distribution



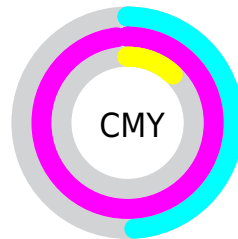
- Red (51%)
- Green (2%)
- Blue (88%)



- Red (51%)
- Yellow (2%)
- Blue (88%)



- Cyan (43%)
- Magenta (98%)
- Yellow (0%)
- Black (12%)



- Cyan (49%)
- Magenta (98%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.1560, 77.8171, 54.2372 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 67.1560, 77.8171, 54.2372 by changing the saturation by 10% instead.

67.1560, 77.8171,
54.2372

67.1560, 77.8171,
54.2372

255.0000, 0.0000,
0.0000

51.6460, 71.1665,
40.6525

134.0140, 59.6461,
49.0997

38.5870, 63.8006,
23.1642

160.3060, 46.6841,
53.2286

22.0540, 58.6404,
-1.8014

186.0110, 34.0116,
57.8724

12.9960, 49.7950,
-11.3975

203.9310, 25.1770,
44.7875

10.0320, 38.4382,
-8.7981

220.9540, 16.7847,
29.8583

11.4050, 25.9293,
-10.0022

237.9770, 8.3923,

6.4350, 17.0405,

14.9292

-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,
0.0000

■ 67.1560, 77.8171,
54.2372

■ 67.1560, 77.8171,
54.2372

■ 63.6230, 79.5589,
55.5816

■ 83.6470, 69.6870,
48.5446

■ 99.5510, 61.8464,
43.3668

■ 115.7430, 53.8637,
37.0594

■ 131.6470, 46.0230,
31.8816

■ 148.1380, 37.8930,
26.1890

■ 164.0420, 30.0523,
21.0112

■ 180.5330, 21.9222,
15.3186

■ 196.4370, 14.0816,
10.1408

■ 212.6290, 6.0989,
3.8334

Harmonies

Analogous

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



83.6610, 84.4701, -73.3707



67.1560, 77.8171, 54.2372



80.7010, 31.2064, 117.7802

Triad

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



67.1560, 77.8171, 54.2372



83.5920, -41.2109, 58.2398



85.2600, 22.0568, -74.7730

Complementary

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



67.1560, 77.8171, 54.2372



162.8440, -77.8171, -54.2372

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.



72.2130, -20.3180, -63.3308



67.1560, 77.8171, 54.2372



79.6410, -39.2630, -6.7012

Square

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



67.1560, 77.8171, 54.2372



61.2950, -30.2184, 126.0293



65.7440, -32.4118, -57.6575



96.2380, 59.0427, -84.4007

Rectangle

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



67.1560, 77.8171, 54.2372



79.0580, 2.9294, 134.1301



65.7440, -32.4118, -57.6575



81.1390, 8.8055, -71.1589

Sweetspot

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



67.1560, 77.8171, 54.2372



201.9940, 26.1320, 18.4223



88.1930, 67.4459, -72.9603



95.6050, 15.9707, 10.8704



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.



67.1560, 77.8171, 54.2372



72.1260, 90.1569, 63.0335



94.6060, 58.8612, 114.3555



104.0480, 3.9203, 2.5889



49.6650, 62.2832, 43.2668



13.5450, 16.9863, 11.8000

Inverse Universe

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



81.7240, 9.5031, 125.6531



88.8990, 10.8958, 145.6706



135.3940, -58.8612, -114.3555



104.8590, 0.5625, 6.2627



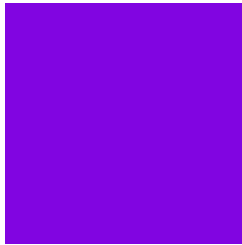
61.4020, 7.6898, 100.5024



16.7460, 2.0972, 27.4098

Previews

White Background



This preview shows how the YUV color 67.1560, 77.8171, 54.2372 looks on a white background.

Color Contrast Check

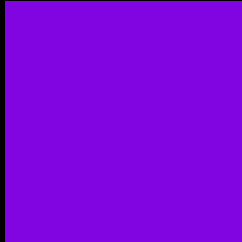
Large Text (above 18pt) WCAG AA ✓ Pass

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 67.1560, 77.8171, 54.2372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

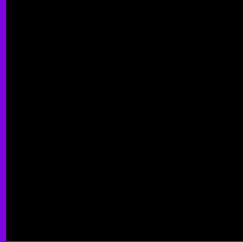
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.1560, 77.8171, 54.2372

Background



This preview shows how black text looks on a background with the YUV color 67.1560, 77.8171, 54.2372.



This preview shows how white text looks on a background with the YUV color 67.1560, 77.8171,

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

67.1560, 77.8171, 54.2372

Protanopia

72.7460, 55.3412, -63.7982

Deuteranopia

73.3040, 42.2481, -64.2876



Tritanopia

92.3860, 1.2887, 6.6775

Trichromacy



Original Color

67.1560, 77.8171, 54.2372



Protanomaly

70.8990, 63.6468, -20.9594



Deuteranomaly

71.3090, 55.0637, -21.3190



Tritanomaly

83.4230, 28.8785, 24.1850

Monochromacy



Original Color

67.1560, 77.8171, 54.2372



Achromatopsia

67.0000, 0.0000, 0.0000



Achromatomaly

66.8740, 28.1631, 20.2815

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.1560, 77.8171, 54.2372 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(129, 5, 225)` looks like.

```
.text, #text, p{  
    color:rgb(129, 5, 225)  
}
```

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(129, 5, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 5, 225) }
```

Border

The CSS property to change the border of an element to YUV 67.1560, 77.8171, 54.2372 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(129, 5, 225) }
```


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

```
.border{ border-color:rgb(129, 5, 225) }
```

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

Here you see how a box with a 4 pixel rgb(129, 5, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 5, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 5, 225);  
box-shadow:4px 4px 4px 4px rgb(129, 5,  
225) }
```

Background

The CSS property to change the background color of an element to YUV 67.1560, 77.8171, 54.2372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 5, 225) }
```

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

```
.background{ background-color: rgb(129, 5,  
225) }
```

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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