

Converting Colors

YUV(107.0640, 67.0164,
18.3609)

Have a look what the booklet for
YUV(107.0640, 67.0164, 18.3609)
contains.

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Color

**YUV(107.0640, 67.0164,
18.3609)**

Conversions

Conversions Part 1

Format	Color
Hex	8046F3
RGB	128, 70, 243
RGB Percent	50%, 27%, 95%
CMY	0.4980, 0.7255, 0.0471
CMYK	0.47, 0.71, 0.00, 0.05
HSL	260°, 88%, 61%
HSV	260°, 71%, 95%
XYZ	27.2699, 15.4406, 86.3371
YIQ	107.0640, -20.9650, 66.0990

Conversions

Conversions Part 2

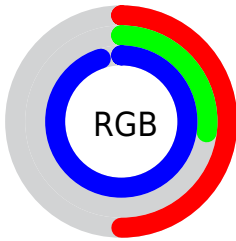
Format	Color
R _Y B	128, 70, 243
Decimal	8406771
CIE Lab	46.23, 61.53, -77.82
CIE LCh	46, 99.209, 308.335
Yxy	15.4406, 0.2113, 0.1197
Android (android.graphics.Color)	4286596851 (0xFF8046F3)
YUV	107.0640, 67.0164, 18.3609
Hunter-Lab	39.2945, 55.1115, -102.7646

Details

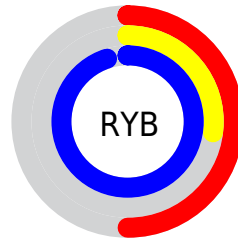
The YUV color **107.0640, 67.0164, 18.3609** is a light color, and the websafe version is hex **6633CC**. The color can be described as light washed purple. A complement of this color would be **205.9360, -67.0164, -18.3609**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.7820, 47.9285, 27.3782**, and **46.3840, 68.3377, 14.5722** is the 20% darker color. If you saturate the color by 10%, you get **88.1920, 76.3203, 20.8796**, and if you desaturate by 10%, it is **125.9360, 57.7126, 15.8421**.

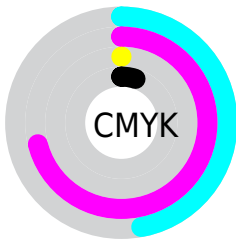
Distribution



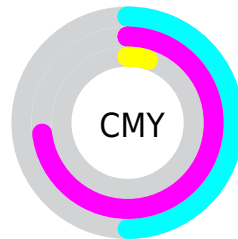
- Red (50%)
- Green (27%)
- Blue (95%)



- Red (50%)
- Yellow (27%)
- Blue (95%)



- Cyan (47%)
- Magenta (71%)
- Yellow (0%)
- Black (5%)



- Cyan (50%)
- Magenta (73%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.0640, 67.0164, 18.3609 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 107.0640, 67.0164, 18.3609 by changing the saturation by 10% instead.

107.0640, 67.0164,
18.3609

107.0640, 67.0164,
18.3609

255.0000, 0.0000,
0.0000

78.6400, 66.7325,
16.1017

157.7820, 47.9285,
27.3782

46.3840, 68.3377,
14.5722

182.6010, 35.6927,
31.9219

22.1980, 66.9504,
-7.1896

208.3060, 23.0201,
36.5656

14.9340, 57.2205,
-13.0971

226.2370, 14.1802,
25.2252

11.8560, 45.4270,
-10.3977

243.2600, 5.7878,
10.2960

13.7020, 32.1919,
-12.0167

9.2050, 22.5769,

-8.0728

■ 4.9360, 13.8356,
-4.3289

■ 0.6840, 2.6208,
-0.5999

■ 107.0640, 67.0164,
18.3609

■ 107.0640, 67.0164,
18.3609

■ 88.1920, 76.3203,
20.8796

■ 125.9360, 57.7126,
15.8421

■ 68.7330, 85.9136,
23.9132

■ 145.3950, 48.1193,
12.8086

■ 51.9210, 94.2019,
25.5023

■ 164.2670, 38.8154,
10.2898

■ 183.4380, 29.3641,
8.3859

■ 202.3100, 20.0602,
5.8671

■ 221.7690, 10.4669,
2.8336

■ 240.6410, 1.1630,
0.3148

■ 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.



96.5750, 78.1035, -84.6963



107.0640, 67.0164, 18.3609



85.5020, 43.1365, 117.9547

Triad

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



107.0640, 67.0164, 18.3609



101.0790, -49.8319, 70.0907



97.2280, 17.1426, -85.2690

Complementary

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



107.0640, 67.0164, 18.3609



205.9360, -67.0164, -18.3609

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.



84.9790, -22.1746, -74.5266



107.0640, 67.0164, 18.3609



100.7050, -49.6476, 10.7827

Square

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



107.0640, 67.0164, 18.3609



68.1720, -33.6088, 140.1692



76.3100, -37.6208, -66.9239



107.0490, 52.2338, -93.8820

Rectangle

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



107.0640, 67.0164, 18.3609



86.1090, 15.7223, 137.5934



76.3100, -37.6208, -66.9239



93.9220, 4.4755, -82.3696

Sweetspot

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



107.0640, 67.0164, 18.3609



212.5380, 20.9338, 5.6672



157.2270, 42.2861, -76.4981



102.6380, 12.5035, 2.9485



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.



107.0640, 67.0164, 18.3609



84.5650, 84.0245, 23.1835



132.7780, 54.3394, 71.2317



112.5640, 4.6519, 1.2594



39.7420, 72.1052, 19.5203



12.7060, 22.8229, 6.3968

Inverse Universe

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



134.8370, 24.7304, 94.8590



119.2990, 30.9116, 119.0098



180.2220, -54.3394, -71.2317



114.5000, 1.7255, 6.5775



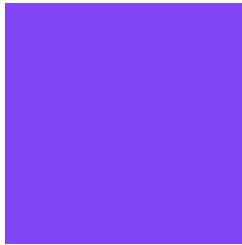
69.7500, 26.7452, 101.9513



22.0870, 8.3381, 32.3727

Previews

White Background



This preview shows how the YUV color 107.0640, 67.0164, 18.3609 looks on a white background.

Color Contrast Check

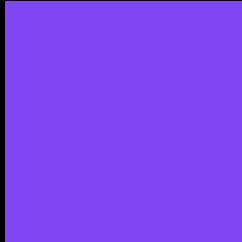
Large Text (above 18pt) WCAG AA ✓ Pass

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 107.0640, 67.0164, 18.3609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

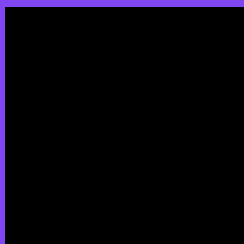
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 107.0640, 67.0164, 18.3609

Background



This preview shows how black text looks on a background with the YUV color 107.0640, 67.0164, 18.3609.



This preview shows how white text looks on a background with the YUV color 107.0640, 67.0164,

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

107.0640, 67.0164, 18.3609

Protanopia

87.0570, 67.0199, -76.3490

Deuteranopia

87.6320, 51.4534, -76.8533



Tritanopia

107.9430, 6.4371, -11.3510

Trichromacy



Original Color

107.0640, 67.0164, 18.3609



Protanomaly

94.2770, 66.9114, -41.4619



Deuteranomaly

95.0460, 57.1653, -42.1363



Tritanomaly

107.7420, 28.2282, -0.6507

Monochromacy



Original Color

107.0640, 67.0164, 18.3609



Achromatopsia

107.0000, 0.0000, 0.0000



Achromatomaly

107.3470, 23.9859, 6.7117

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.0640, 67.0164, 18.3609 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(128, 70, 243)` looks like.

```
.text, #text, p{  
    color:rgb(128, 70, 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(128, 70, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 70, 243) }
```

Border

The CSS property to change the border of an element to YUV 107.0640, 67.0164, 18.3609 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(128, 70, 243) }
```


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

```
.border{ border-color:rgb(128, 70, 243) }
```

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

Here you see how a box with a 4 pixel rgb(128, 70, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 70, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 70, 243);  
box-shadow:4px 4px 4px 4px rgb(128, 70,  
243) }
```

Background

The CSS property to change the background color of an element to YUV 107.0640, 67.0164, 18.3609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 70, 243) }
```

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

```
.background{ background-color: rgb(128, 70,  
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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