

Converting Colors

YUV(117.2590, 67.9063,
12.9279)

Have a look what the booklet for
YUV(117.2590, 67.9063, 12.9279)
contains.

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Color

**YUV(117.2590, 67.9063,
12.9279)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 8453FF |
| RGB | 132, 83, 255 |
| RGB Percent | 52%, 33%, 100% |
| CMY | 0.4824, 0.6745, 0.0000 |
| CMYK | 0.48, 0.67, 0.00, 0.00 |
| HSL | 257°, 100%, 66% |
| HSV | 257°, 67%, 100% |
| XYZ | 30.6590, 18.3120, 96.5264 |
| YIQ | 117.2590, -26.0080, 63.8800 |

Conversions

Conversions Part 2

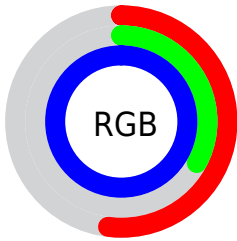
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 132, 83, 255 |
| Decimal | 8672255 |
| CIE Lab | 49.87, 58.97, -78.56 |
| CIE LCh | 50, 98.229, 306.897 |
| Yxy | 18.3120, 0.2107, 0.1259 |
| Android (android.graphics.Color) | 4286862335 (0xFF8453FF) |
| YUV | 117.2590, 67.9063, 12.9279 |
| Hunter-Lab | 42.7926, 53.0003, -103.7845 |

Details

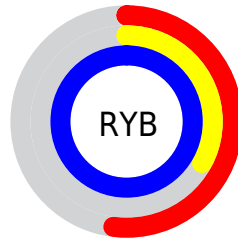
The YUV color **117.2590, 67.9063, 12.9279** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **220.7410, -67.9063, -12.9279**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.6090, 43.5768, 23.1449**, and **60.6880, 67.2018, 5.5356** is the 20% darker color. If you saturate the color by 10%, you get **96.6150, 78.0838, 15.2466**, and if you desaturate by 10%, it is **137.3160, 58.0182, 11.1239**.

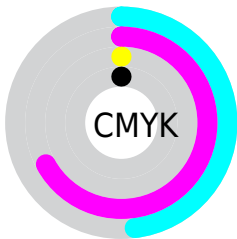
Distribution



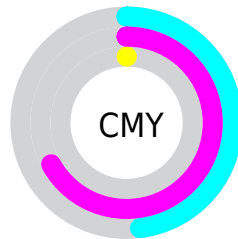
- Red (52%)
- Green (33%)
- Blue (100%)



- Red (52%)
- Yellow (33%)
- Blue (100%)



- Cyan (48%)
- Magenta (67%)
- Yellow (0%)
- Black (0%)



- Cyan (48%)
- Magenta (67%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.2590, 67.9063, 12.9279 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 117.2590, 67.9063, 12.9279 by changing the saturation by 10% instead.

■ 117.2590, 67.9063,
12.9279

■ 117.2590, 67.9063,
12.9279

■ 255.0000, 0.0000,
0.0000

■ 89.4220, 67.3330,
10.1539

■ 166.6090, 43.5768,
23.1449

■ 60.6880, 67.2018,
5.5356

■ 191.7270, 31.1936,
28.3034

■ 25.2460, 70.8707,
-4.6007

■ 217.1330, 18.6684,
32.3324

■ 16.1880, 62.0253,
-14.1969

■ 233.8680, 10.4181,
18.5328

■ 13.1100, 50.2318,
-11.4975

■ 250.8910, 2.0257,
3.6036

■ 10.7330, 38.5856,
-9.4128

■ 11.5190, 26.3661,

-10.1022

■ 6.5490, 17.4773,
-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 117.2590, 67.9063,
12.9279

■ 117.2590, 67.9063,
12.9279

■ 96.6150, 78.0838,
15.2466

■ 137.3160, 58.0182,
11.1239

■ 76.5580, 87.9719,
17.0506

■ 157.9600, 47.8407,
8.8051

■ 56.2020, 98.0074,
18.2398

■ 178.9030, 37.5158,
7.1011

■ 50.8970, 100.6228,
19.3843

■ 198.9600, 27.6277,
5.2971

■ 219.6040, 17.4502,
2.9783

■ 239.6610, 7.5621,
1.1743

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



102.4450, 75.2096, -89.8443



117.2590, 67.9063, 12.9279



89.0770, 47.7830, 120.9585

Triad

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



117.2590, 67.9063, 12.9279



109.3740, -53.9214, 75.0940



103.6680, 16.4327, -90.9168

Complementary

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



117.2590, 67.9063, 12.9279



220.7410, -67.9063, -12.9279

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.



91.4190, -22.8846, -80.1745



117.2590, 67.9063, 12.9279



109.8860, -54.1738, 15.8860

Square

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



117.2590, 67.9063, 12.9279



74.1110, -27.6627, 146.3617



81.5930, -40.2253, -71.5571



113.6030, 51.9607, -99.6298

Rectangle

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



117.2590, 67.9063, 12.9279



90.5810, 19.9266, 142.4415



81.5930, -40.2253, -71.5571



100.2480, 3.3287, -87.9175

Sweetspot

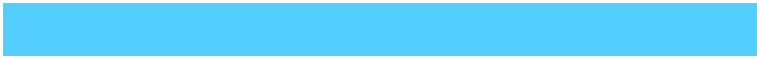
The Sweet Spot groups the original color and five complimentary colors.



117.2590, 67.9063, 12.9279



214.2990, 20.0656, 4.1228



174.8090, 39.5342, -80.5165



103.2250, 12.2141, 2.4337



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.



117.2590, 67.9063, 12.9279



89.2390, 81.7202, 15.5764



142.9730, 55.2293, 65.7987



117.3790, 5.2362, 0.5446



37.9200, 75.4684, 14.1022



12.6780, 25.3017, 4.6674

Inverse Universe

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



148.4500, 28.3722, 93.4444



126.7650, 34.1329, 112.4621



195.0270, -55.2293, -65.7987



119.9130, 2.0149, 7.0923



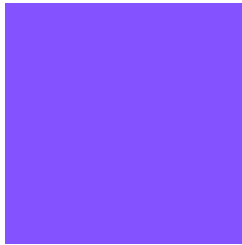
72.7270, 31.6866, 103.7254



24.3800, 10.6587, 34.7467

Previews

White Background



This preview shows how the YUV color 117.2590, 67.9063, 12.9279 looks on a white background.

Color Contrast Check

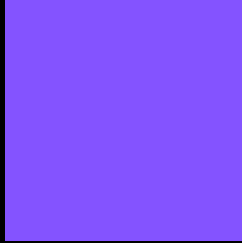
Large Text (above 18pt) WCAG AA ✓ Pass

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 117.2590, 67.9063, 12.9279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

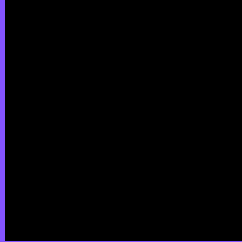
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 117.2590, 67.9063, 12.9279

Background



This preview shows how black text looks on a background with the YUV color 117.2590, 67.9063, 12.9279.



This preview shows how white text looks on a background with the YUV color 117.2590, 67.9063, 12.9279.

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

117.2590, 67.9063, 12.9279

Protanopia

94.3920, 72.2777, -82.7818

Deuteranopia

94.7390, 55.8377, -83.0861



Tritanopia

115.9640, 7.9057, -15.7544

Trichromacy



Original Color

117.2590, 67.9063, 12.9279



Protanomaly

102.8570, 70.5695, -48.1096



Deuteranomaly

102.8110, 60.2392, -48.0692



Tritanomaly

116.4640, 29.8442, -5.6689

Monochromacy



Original Color

117.2590, 67.9063, 12.9279



Achromatopsia

117.0000, 0.0000, 0.0000



Achromatomaly

117.1510, 24.5756, 4.2526

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.2590, 67.9063, 12.9279 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(132, 83, 255)` looks like.

```
.text, #text, p{  
  color:rgb(132, 83, 255)  
}
```

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(132, 83, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 83, 255) }
```

Border

The CSS property to change the border of an element to YUV 117.2590, 67.9063, 12.9279 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(132, 83, 255) }
```


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

```
.border{ border-color:rgb(132, 83, 255) }
```

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

Here you see how a box with a 4 pixel rgb(132, 83, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 83, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 83, 255);  
box-shadow:4px 4px 4px 4px rgb(132, 83,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 117.2590, 67.9063, 12.9279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 83, 255) }
```

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

```
.background{ background-color: rgb(132, 83,  
255) }
```

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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