

Converting Colors

YUV(156.8460, 47.8969,
84.3271)

Have a look what the booklet for
YUV(156.8460, 47.8969, 84.3271)
contains.

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Color

**YUV(156.8460, 47.8969,
84.3271)**

Conversions

Conversions Part 1

Format	Color
Hex	FD59FE
RGB	253, 89, 254
RGB Percent	99%, 35%, 100%
CMY	0.0078, 0.6510, 0.0039
CMYK	0.00, 0.65, 0.00, 0.00
HSL	300°, 99%, 67%
HSV	300°, 65%, 100%
XYZ	61.9698, 35.1832, 97.2908
YIQ	156.8460, 44.7790, 86.0830

Conversions

Conversions Part 2

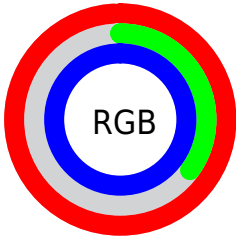
Format	Color
R _Y B	253, 89, 254
Decimal	16603646
CIE Lab	65.89, 80.58, -51.44
CIE LCh	66, 95.603, 327.446
Yxy	35.1832, 0.3187, 0.1809
Android (android.graphics.Color)	4294793726 (0xFFFD59FE)
YUV	156.8460, 47.8969, 84.3271
Hunter-Lab	59.3154, 82.6860, -55.7284

Details

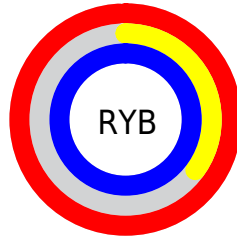
The YUV color **156.8460, 47.8969, 84.3271** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **186.1540, -47.8969, -84.3271**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.3650, 30.3861, 54.0539**, and **80.1650, 57.5997, 98.9563** is the 20% darker color. If you saturate the color by 10%, you get **142.1710, 55.1317, 97.1970**, and if you desaturate by 10%, it is **171.5210, 40.6621, 71.4571**.

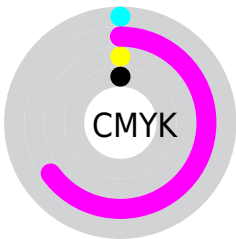
Distribution



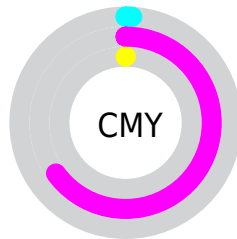
- Red (99%)
- Green (35%)
- Blue (100%)



- Red (99%)
- Yellow (35%)
- Blue (100%)



- Cyan (0%)
- Magenta (65%)
- Yellow (0%)
- Black (0%)





- Cyan (1%)
- Magenta (65%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 156.8460, 47.8969, 84.3271 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 156.8460, 47.8969, 84.3271 by changing the saturation by 10% instead.


 156.8460, 47.8969,
84.3271


 156.8460, 47.8969,
84.3271


255.0000, 0.0000,
0.0000


 124.6120, 49.4913,
86.2863


 193.3650, 30.3861,
54.0539


 80.1650, 57.5997,
98.9563


 210.3880, 21.9937,
39.1247


 68.0030, 49.7915,
83.3124

 227.9980, 13.3120,
23.6808

 56.2540, 42.2728,
68.1832

 245.6080, 4.6303,
8.2368

 44.6190, 35.1908,
52.9541

 33.2830, 27.9615,
38.3398

 22.1750, 21.6057,

23.5255

■ 9.0880, 16.7186,
4.3078

■ 2.9810, 8.8834,
-2.6143

■ 156.8460, 47.8969,
84.3271

■ 156.8460, 47.8969,
84.3271

■ 142.1710, 55.1317,
97.1970

■ 171.5210, 40.6621,
71.4571

■ 126.9090, 62.6559,
110.5818

■ 186.7830, 33.1380,
58.0723

■ 112.2340, 69.8906,
123.4518

■ 201.4580, 25.9032,
45.2023

■ 104.3040, 73.8001,
129.5294

■ 217.0190, 18.2316,
32.4323

■ 231.6940, 10.9969,
19.5624

■ 246.3690, 3.7621,
6.6924

254.5870, -0.2894,
-0.5148

Harmonies

Analogous

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



149.8210, 51.8532, -18.2600



156.8460, 47.8969, 84.3271



113.3490, 28.4219, 124.2279

Triad

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



156.8460, 47.8969, 84.3271



150.1980, -74.0476, 43.6764



142.1840, 47.2373, -124.6954

Complementary

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



156.8460, 47.8969, 84.3271



186.1540, -47.8969, -84.3271

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.



131.5650, 9.0885, -115.3825



156.8460, 47.8969, 84.3271



139.1700, -68.6108, -20.3201

Square

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



156.8460, 47.8969, 84.3271



144.3370, -71.1581, 97.0515



118.0280, -30.0868, -103.5106



141.1870, 56.1098, -123.8210

Rectangle

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



156.8460, 47.8969, 84.3271



113.4220, 0.7780, 124.1639



118.0280, -30.0868, -103.5106



139.4650, 34.2808, -122.3108

Sweetspot

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



156.8460, 47.8969, 84.3271



226.8240, 13.8908, 24.7104



109.5710, 71.2035, -18.0408



110.0910, 8.8291, 14.8292



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.



156.8460, 47.8969, 84.3271



137.8880, 57.7362, 101.8302



148.0250, 12.8057, 92.9401



120.0700, 3.9095, 6.0776



78.5840, 55.4211, 97.7118



26.1330, 18.6684, 32.3324

Inverse Universe

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



138.4490, -23.8854, 101.3382



115.6150, -28.8972, 122.2406



194.9750, -12.8057, -92.9401



118.8870, -1.9163, 7.9921



57.2230, -27.7179, 117.3224



19.1360, -9.4340, 39.3457

Previews

White Background



This preview shows how the YUV color 156.8460, 47.8969, 84.3271 looks on a white background.

Color Contrast Check

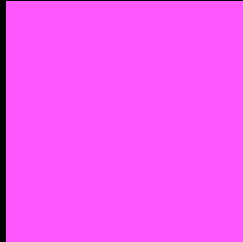
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 156.8460, 47.8969, 84.3271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

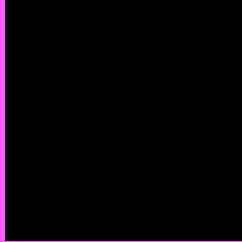
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 156.8460, 47.8969, 84.3271

Background



This preview shows how black text looks on a background with the YUV color 156.8460, 47.8969, 84.3271.



This preview shows how white text looks on a background with the YUV color 156.8460, 47.8969, 84.3271.

84.3271.

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

156.8460, 47.8969, 84.3271

Protanopia

157.4080, 48.1129, -31.9298

Deuteranopia

157.6870, 41.5663, -32.1745



Tritanopia

160.8130, -12.7258, 68.5700

Trichromacy



Original Color

156.8460, 47.8969, 84.3271



Protanomaly

157.0850, 48.2721, 10.4495



Deuteranomaly

157.2330, 43.7621, 10.3197

Tritanomaly

159.5790, 9.0816, 74.0372

Monochromacy



Original Color

156.8460, 47.8969, 84.3271



Achromatopsia

157.0000, 0.0000, 0.0000



Achromatomaly

156.7800, 17.3635, 30.8879

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.8460, 47.8969, 84.3271 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(253, 89, 254)` looks like.

```
.text, #text, p{  
    color:rgb(253, 89, 254)  
}
```

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(253, 89, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 89, 254) }
```

Border

The CSS property to change the border of an element to YUV 156.8460, 47.8969, 84.3271 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(253, 89, 254) }
```


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

```
.border{ border-color:rgb(253, 89, 254) }
```

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

Here you see how a box with a 4 pixel rgb(253, 89, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 89, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 89, 254);  
box-shadow:4px 4px 4px 4px rgb(253, 89,  
254) }
```

Background

The CSS property to change the background color of an element to YUV 156.8460, 47.8969, 84.3271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 89, 254) }
```

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

```
.background{ background-color: rgb(253, 89,  
254) }
```

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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