

Converting Colors

YUV(156.9270, 48.3500,
78.9940)

Have a look what the booklet for
YUV(156.9270, 48.3500, 78.9940)
contains.

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Color

**YUV(156.9270, 48.3500,
78.9940)**

Conversions

Conversions Part 1

Format	Color
Hex	F75CFF
RGB	247, 92, 255
RGB Percent	97%, 36%, 100%
CMY	0.0314, 0.6392, 0.0000
CMYK	0.03, 0.64, 0.00, 0.00
HSL	297°, 100%, 68%
HSV	297°, 64%, 100%
XYZ	60.2349, 34.6484, 98.1208
YIQ	156.9270, 40.0570, 83.5530

Conversions

Conversions Part 2

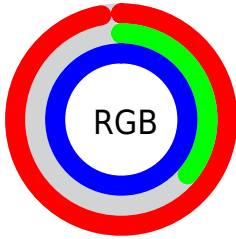
Format	Color
R _{YB}	247, 92, 255
Decimal	16211199
CIE _{Lab}	65.47, 78.30, -52.71
CIE _{LCh}	65, 94.384, 326.052
Y _{xy}	34.6484, 0.3121, 0.1795
Android (android.graphics.Color)	4294401279 (0xFFFF75CFF)
Y _{UV}	156.9270, 48.3500, 78.9940
Hunter-Lab	58.8629, 79.6504, -57.6287

Details

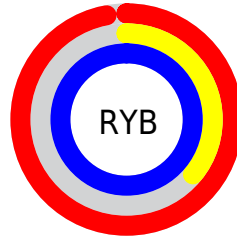
The YUV color **156.9270, 48.3500, 78.9940** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **190.0730, -48.3500, -78.9940**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.5390, 29.8073, 53.0243**, and **85.5290, 55.4482, 88.9901** is the 20% darker color. If you saturate the color by 10%, you get **141.9530, 55.7322, 91.2492**, and if you desaturate by 10%, it is **172.4880, 40.6784, 66.2240**.

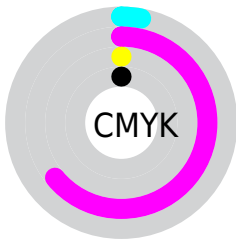
Distribution



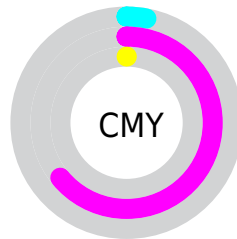
- Red (97%)
- Green (36%)
- Blue (100%)



- Red (97%)
- Yellow (36%)
- Blue (100%)



- Cyan (3%)
- Magenta (64%)
- Yellow (0%)
- Black (0%)





- Cyan (3%)
- Magenta (64%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 156.9270, 48.3500, 78.9940 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 156.9270, 48.3500, 78.9940 by changing the saturation by 10% instead.


 156.9270, 48.3500,
78.9940


 156.9270, 48.3500,
78.9940


255.0000, 0.0000,
0.0000


 125.8670, 49.3656,
79.9236


 194.5390, 29.8073,
53.0243


 85.5290, 55.4482,
88.9901


 211.5620, 21.4149,
38.0951


 66.6220, 50.9654,
80.1385

 229.1720, 12.7332,
22.6512

 54.8730, 43.4466,
65.0094

 246.7820, 4.0515,
7.2072

 43.1240, 35.9279,
49.8803

 31.9020, 29.1353,
35.1659

 20.7940, 22.7796,

20.3517

■ 5.7990, 18.3401,
-2.4547

■ 2.9810, 8.8834,
-2.6143

■ 156.9270, 48.3500,
78.9940

■ 156.9270, 48.3500,
78.9940

■ 141.9530, 55.7322,
91.2492

■ 172.4880, 40.6784,
66.2240

■ 126.0930, 63.5512,
103.4044

■ 187.7610, 33.1488,
54.5836

■ 111.1190, 70.9333,
115.6596

■ 203.3220, 25.4773,
41.8136

■ 101.4280, 75.7110,
123.2816

■ 218.2960, 18.0951,
29.5584

■ 233.8570, 10.4235,
16.7884

■ 249.1300, 2.8939,
5.1480

■ 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.



148.0050, 52.7485, -25.4374



156.9270, 48.3500, 78.9940



116.6260, 28.2854, 121.3540

Triad

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



156.9270, 48.3500, 78.9940



149.6220, -73.7636, 45.9355



140.9130, 44.9059, -123.5807

Complementary

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



156.9270, 48.3500, 78.9940



190.0730, -48.3500, -78.9940

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.



130.4080, 7.1939, -114.3678



156.9270, 48.3500, 78.9940



139.1920, -68.6217, -16.8314

Square

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



156.9270, 48.3500, 78.9940



142.5760, -70.2900, 98.5958



116.3980, -31.2552, -102.0810



140.6000, 56.3992, -123.3062

Rectangle

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



156.9270, 48.3500, 78.9940



114.3510, 1.7990, 123.3492



116.3980, -31.2552, -102.0810



137.7210, 32.6755, -120.7813

Sweetspot

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



156.9270, 48.3500, 78.9940



226.2260, 14.1856, 23.4808



115.2780, 68.8829, -20.4148



109.7920, 8.9765, 14.2144



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.



156.9270, 48.3500, 78.9940



136.9580, 58.1947, 94.7528



150.9970, 15.2845, 91.2106



120.0700, 3.9095, 6.0776



76.1920, 56.6003, 92.7936



25.5350, 18.9632, 31.1028

Inverse Universe

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



141.6490, -20.5330, 99.4088



118.6300, -24.9606, 119.5965



196.0030, -15.2845, -91.2106



118.8870, -1.9163, 7.9921



58.1350, -24.2236, 116.5226



19.4780, -8.1237, 39.0458

Previews

White Background



This preview shows how the YUV color 156.9270, 48.3500, 78.9940 looks on a white background.

Color Contrast Check

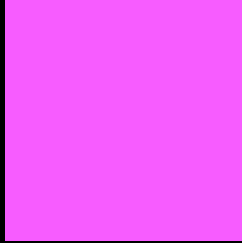
Large Text (above 18pt) WCAG AA × Fail

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 156.9270, 48.3500, 78.9940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

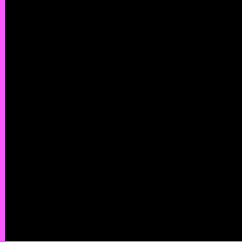
Any Text WCAG AA ✓ Pass

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 156.9270, 48.3500, 78.9940 Background



This preview shows how black text looks on a background with the YUV color 156.9270, 48.3500, 78.9940.



This preview shows how white text looks on a background with the YUV color 156.9270, 48.3500,

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

156.9270, 48.3500, 78.9940

Protanopia

156.2230, 48.6971, -32.6446

Deuteranopia

156.1320, 43.3189, -34.3188



Tritanopia

159.8340, -11.2572, 64.1666

Trichromacy



Original Color

156.9270, 48.3500, 78.9940



Protanomaly

156.7750, 48.4249, 8.0903



Deuteranomaly

156.5530, 45.0834, 6.5310

Tritanomaly

158.6000, 10.5502, 69.6338

Monochromacy



Original Color

156.9270, 48.3500, 78.9940



Achromatopsia

157.0000, 0.0000, 0.0000



Achromatomaly

156.8830, 17.8057, 29.0436

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.9270, 48.3500, 78.9940 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(247, 92, 255)` looks like.

```
.text, #text, p{  
    color:rgb(247, 92, 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(247, 92, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 92, 255) }
```

Border

The CSS property to change the border of an element to YUV 156.9270, 48.3500, 78.9940 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(247, 92, 255) }
```


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

```
.border{ border-color:rgb(247, 92, 255) }
```

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

Here you see how a box with a 4 pixel rgb(247, 92, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 92, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 92, 255);  
box-shadow:4px 4px 4px 4px rgb(247, 92,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 156.9270, 48.3500, 78.9940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 92, 255) }
```

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

```
.background{ background-color: rgb(247, 92,  
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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