

Converting Colors

YUV(152.9440, 45.8766,
78.9791)

Have a look what the booklet for
YUV(152.9440, 45.8766, 78.9791)
contains.

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Color

**YUV(152.9440, 45.8766,
78.9791)**

Conversions

Conversions Part 1

Format	Color
Hex	F359F6
RGB	243, 89, 246
RGB Percent	95%, 35%, 96%
CMY	0.0471, 0.6510, 0.0353
CMYK	0.01, 0.64, 0.00, 0.04
HSL	299°, 90%, 66%
HSV	299°, 64%, 96%
XYZ	57.1691, 32.8533, 90.5169
YIQ	152.9440, 41.3870, 81.4750

Conversions

Conversions Part 2

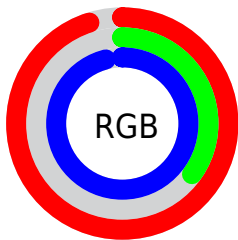
Format	Color
R _Y B	243, 89, 246
Decimal	15948278
CIE Lab	64.04, 77.06, -50.05
CIE LCh	64, 91.884, 326.994
Yxy	32.8533, 0.3167, 0.1820
Android (android.graphics.Color)	4294138358 (0xFFFF359F6)
YUV	152.9440, 45.8766, 78.9791
Hunter-Lab	57.3178, 77.7309, -53.5091

Details

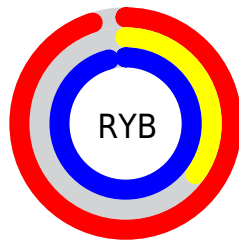
The YUV color **152.9440, 45.8766, 78.9791** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **182.0560, -45.8766, -78.9791**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.1910, 30.9648, 55.0835**, and **79.1980, 54.1324, 91.0344** is the 20% darker color. If you saturate the color by 10%, you get **138.2690, 53.1114, 91.8491**, and if you desaturate by 10%, it is **167.6190, 38.6418, 66.1091**.

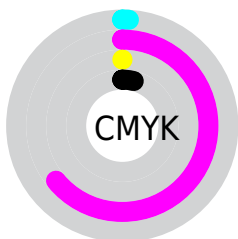
Distribution



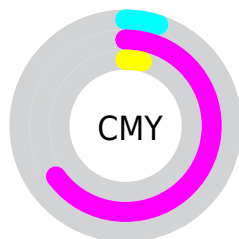
- Red (95%)
- Green (35%)
- Blue (96%)



- Red (95%)
- Yellow (35%)
- Blue (96%)



- Cyan (1%)
- Magenta (64%)
- Yellow (0%)
- Black (4%)




- Cyan (5%)
- Magenta (65%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the YUV color 152.9440, 45.8766, 78.9791 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 152.9440, 45.8766, 78.9791 by changing the saturation by 10% instead.


 152.9440, 45.8766,
78.9791


 152.9440, 45.8766,
78.9791

255.0000, 0.0000,
0.0000


 121.2970, 47.1816,
80.4235


 192.1910, 30.9648,
55.0835


 79.1980, 54.1324,
91.0344


 209.8010, 22.2831,
39.6395


 64.4000, 47.6238,
78.5792

 226.8240, 13.8908,
24.7104

 52.7650, 40.5419,
63.3501

 244.4340, 5.2090,
9.2664

 41.4290, 33.3125,
48.7358

 30.2070, 26.5199,
34.0215

 19.0990, 20.1642,

19.2072

■ 4.2180, 16.1615,
-3.6992

■ 2.0690, 5.3890,
-1.8145

■ 152.9440, 45.8766,
78.9791

■ 152.9440, 45.8766,
78.9791

■ 138.2690, 53.1114,
91.8491

■ 167.6190, 38.6418,
66.1091

■ 123.8820, 60.2042,
103.5895

■ 182.0060, 31.5490,
54.3687

■ 109.2070, 67.4389,
116.4595

■ 196.6810, 24.3143,
41.4988

■ 100.1030, 71.9272,
123.5667

■ 211.0680, 17.2215,
29.7584

225.7430, 9.9867,
16.8884

240.7170, 2.6045,
4.6332

251.2830, -2.6045,
-4.6332

251.5820, -2.7519,
-4.0184

Harmonies

Analogous

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



146.2660, 53.6059, -20.4043



152.9440, 45.8766, 78.9791



117.0020, 24.6490, 121.0242

Triad

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



152.9440, 45.8766, 78.9791



145.7680, -71.8636, 43.1765



137.5220, 44.6057, -120.6068

Complementary

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



152.9440, 45.8766, 78.9791



182.0560, -45.8766, -78.9791

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.



127.3590, 8.2040, -111.6938



152.9440, 45.8766, 78.9791



135.3490, -66.7271, -17.8461

Square

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



152.9440, 45.8766, 78.9791



141.9890, -70.0006, 99.1106



114.3920, -28.7873, -100.3218



137.6650, 57.8462, -120.7322

Rectangle

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



152.9440, 45.8766, 78.9791



115.5420, -1.2532, 122.3047



114.3920, -28.7873, -100.3218



134.4440, 32.8121, -117.9074

Sweetspot

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



152.9440, 45.8766, 78.9791



226.5250, 14.0382, 24.0956



109.8330, 67.1303, -18.2705



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.



152.9440, 45.8766, 78.9791



138.7520, 57.3103, 98.4415



145.5190, 13.5481, 88.1218



114.9560, 3.4727, 6.1776



75.9210, 54.2689, 93.9083



24.0680, 17.2215, 29.7584

Inverse Universe

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



136.2850, -21.8325, 96.2201



117.9460, -27.5814, 120.1964



189.4810, -13.5481, -88.1218



113.5880, -1.7689, 7.3773



56.0700, -25.6705, 113.9486



17.7550, -8.2602, 36.1719

Previews

White Background



This preview shows how the YUV color 152.9440, 45.8766, 78.9791 looks on a white background.

Color Contrast Check

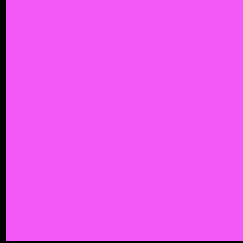
Large Text (above 18pt) WCAG AA × Fail

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 152.9440, 45.8766, 78.9791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

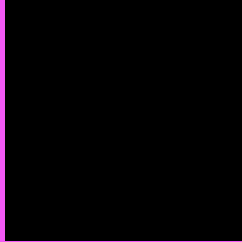
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 152.9440, 45.8766, 78.9791

Background



This preview shows how black text looks on a background with the YUV color 152.9440, 45.8766, 78.9791.



This preview shows how white text looks on a background with the YUV color 152.9440, 45.8766,

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

152.9440, 45.8766, 78.9791

Protanopia

151.7820, 50.8865, -34.8888

Deuteranopia

152.7580, 40.5453, -31.3598



Tritanopia

156.0190, -11.8414, 64.8813

Trichromacy



Original Color

152.9440, 45.8766, 78.9791



Protanomaly

152.2910, 49.1565, 6.7608



Deuteranomaly

152.8800, 42.4572, 8.8752



Tritanomaly

155.1440, 8.8030, 70.0337

Monochromacy



Original Color

152.9440, 45.8766, 78.9791



Achromatopsia

153.0000, 0.0000, 0.0000



Achromatomaly

153.2420, 16.6427, 28.7288

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.9440, 45.8766, 78.9791 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(243, 89, 246)` looks like.

```
.text, #text, p{  
    color:rgb(243, 89, 246)  
}
```

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(243, 89, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 89, 246) }
```

Border

The CSS property to change the border of an element to YUV 152.9440, 45.8766, 78.9791 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(243, 89, 246) }
```


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

```
.border{ border-color:rgb(243, 89, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 89, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 89, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 89, 246);  
box-shadow:4px 4px 4px 4px rgb(243, 89,  
246) }
```

Background

The CSS property to change the background color of an element to YUV 152.9440, 45.8766, 78.9791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 89, 246) }
```

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

```
.background{ background-color: rgb(243, 89,  
246) }
```

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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