

Converting Colors

YUV(156.7330, 42.5296,
79.1642)

Have a look what the booklet for
YUV(156.7330, 42.5296, 79.1642)
contains.

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Color

**YUV(156.7330, 42.5296,
79.1642)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F75EF3 |
| RGB | 247, 94, 243 |
| RGB Percent | 97%, 37%, 95% |
| CMY | 0.0314, 0.6314, 0.0471 |
| CMYK | 0.00, 0.62, 0.02, 0.03 |
| HSL | 302°, 91%, 67% |
| HSV | 302°, 62%, 97% |
| XYZ | 58.5381, 34.2506, 88.3198 |
| YIQ | 156.7330, 43.3590, 78.7750 |

Conversions

Conversions Part 2

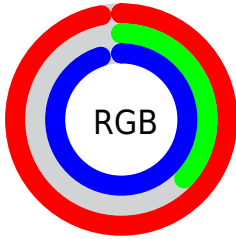
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 247, 94, 243 |
| Decimal | 16211699 |
| CIE _{Lab} | 65.16, 75.57, -46.59 |
| CIE _{LCh} | 65, 88.780, 328.348 |
| Y _{xy} | 34.2506, 0.3232, 0.1891 |
| Android (android.graphics.Color) | 4294401779 (0xFFFF75EF3) |
| Y _{UV} | 156.7330, 42.5296, 79.1642 |
| Hunter-Lab | 58.5240, 76.1259, -48.5089 |

Details

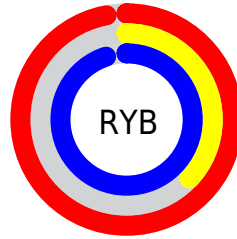
The YUV color **156.7330, 42.5296, 79.1642** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **184.2670, -42.5296, -79.1642**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.1260, 29.5179, 52.5095**, and **89.4440, 47.6021, 85.5566** is the 20% darker color. If you saturate the color by 10%, you get **141.9440, 49.3276, 92.1341**, and if you desaturate by 10%, it is **171.5220, 35.7317, 66.1942**.

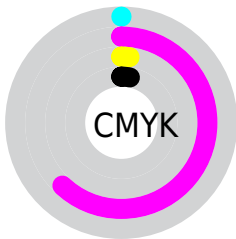
Distribution



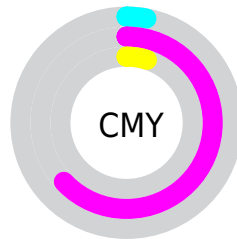
- Red (97%)
- Green (37%)
- Blue (95%)



- Red (97%)
- Yellow (37%)
- Blue (95%)



- Cyan (0%)
- Magenta (62%)
- Yellow (2%)
- Black (3%)





- Cyan (3%)
- Magenta (63%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the YUV color 156.7330, 42.5296, 79.1642 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 156.7330, 42.5296, 79.1642 by changing the saturation by 10% instead.


 156.7330, 42.5296,
79.1642


 156.7330, 42.5296,
79.1642


255.0000, 0.0000,
0.0000


 125.6730, 43.5452,
80.0938


 195.1260, 29.5179,
52.5095

 89.4440, 47.6021,
85.5566


 212.1490, 21.1255,
37.5803


 65.3680, 46.1606,
81.2383

 229.7590, 12.4438,
22.1364

 53.6190, 38.6418,
66.1091

 247.3690, 3.7621,
6.6924

 42.2830, 31.4125,
51.4948

 31.0610, 24.6199,
36.7805

 20.3660, 18.5536,

22.4810

■ 5.4850, 14.5509,
-0.4253

■ 1.0260, 3.9312,
-0.8998

■ 156.7330, 42.5296,
79.1642

■ 156.7330, 42.5296,
79.1642

■ 141.9440, 49.3276,
92.1341

■ 171.5220, 35.7317,
66.1942

■ 127.8560, 56.2730,
104.4893

■ 185.6100, 28.7863,
53.8390

■ 113.0670, 63.0710,
117.4592

■ 200.3990, 21.9883,
40.8691

■ 101.3270, 68.8588,
127.7552

■ 215.1880, 15.1903,
27.8991

229.8630, 7.9555,
15.0291

244.0650, 1.4470,
2.5740

251.8100, -1.8783,
-4.2184

251.9240, -1.4415,
-4.3183

Harmonies

Analogous

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



151.9250, 50.8160, -12.2122



156.7330, 42.5296, 79.1642



126.8670, 19.2926, 112.3726

Triad

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



156.7330, 42.5296, 79.1642



148.1160, -73.0212, 41.1173



139.1520, 45.7741, -122.0363

Complementary

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



156.7330, 42.5296, 79.1642



184.2670, -42.5296, -79.1642

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.



129.9180, 10.3934, -113.9381



156.7330, 42.5296, 79.1642



137.4090, -67.7426, -18.7757

Square

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



156.7330, 42.5296, 79.1642



145.7990, -71.8789, 94.8923



117.4070, -24.8507, -102.9659



138.2520, 57.5568, -121.2470

Rectangle

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



156.7330, 42.5296, 79.1642



125.6350, -5.7361, 113.4531



117.4070, -24.8507, -102.9659



136.7750, 34.1279, -119.9517

Sweetspot

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



156.7330, 42.5296, 79.1642



226.7100, 13.4540, 24.8103



112.3390, 66.3879, -13.4523



110.2760, 8.2449, 15.5439



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.



156.7330, 42.5296, 79.1642



143.4870, 52.5109, 97.7969



148.1830, 9.7698, 86.6625



114.9560, 3.4727, 6.1776



76.2480, 51.6427, 96.2525



24.1390, 16.2005, 30.5731

Inverse Universe

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



156.7330, 42.5296, 79.1642



143.4870, 52.5109, 97.7969



192.8170, -9.7698, -86.6625



114.9560, 3.4727, 6.1776



76.2480, 51.6427, 96.2525



24.1390, 16.2005, 30.5731

Previews

White Background



This preview shows how the YUV color 156.7330, 42.5296, 79.1642 looks on a white background.

Color Contrast Check

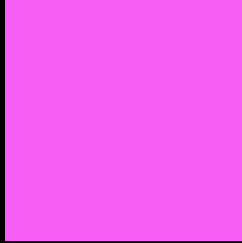
Large Text (above 18pt) WCAG AA × Fail

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 156.7330, 42.5296, 79.1642 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

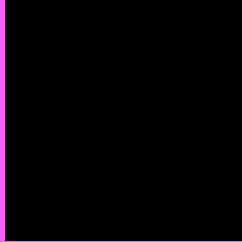
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 156.7330, 42.5296, 79.1642

Background



This preview shows how black text looks on a background with the YUV color 156.7330, 42.5296, 79.1642.



This preview shows how white text looks on a background with the YUV color 156.7330, 42.5296,

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

156.7330, 42.5296, 79.1642

Protanopia

155.3370, 49.1339, -32.7445

Deuteranopia

156.6940, 37.6189, -26.0416



Tritanopia

158.6170, -12.1362, 66.1109

Trichromacy



Original Color

156.7330, 42.5296, 79.1642



Protanomaly

156.0200, 46.8251, 7.8755



Deuteranomaly

156.8050, 39.5361, 12.4490



Tritanomaly

158.2150, 7.7820, 70.8484

Monochromacy



Original Color

156.7330, 42.5296, 79.1642



Achromatopsia

157.0000, 0.0000, 0.0000



Achromatomaly

156.9000, 15.3323, 29.0287

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.7330, 42.5296, 79.1642 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, 94, 243)` looks like.

```
.text, #text, p{  
    color:rgb(247, 94, 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(247, 94, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 94, 243) }
```

Border

The CSS property to change the border of an element to YUV 156.7330, 42.5296, 79.1642 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, 94, 243) }
```


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

```
.border{ border-color:rgb(247, 94, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 94, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 94, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 94, 243);  
box-shadow:4px 4px 4px 4px rgb(247, 94,  
243) }
```

Background

The CSS property to change the background color of an element to YUV 156.7330, 42.5296, 79.1642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 94, 243) }
```

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

```
.background{ background-color: rgb(247, 94,  
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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