

Converting Colors

YUV(158.2050, 43.2829,
70.8572)

Have a look what the booklet for
YUV(158.2050, 43.2829, 70.8572)
contains.

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Color

**YUV(158.2050, 43.2829,
70.8572)**

Conversions

Conversions Part 1

Format	Color
Hex	EF64F6
RGB	239, 100, 246
RGB Percent	94%, 39%, 96%
CMY	0.0627, 0.6078, 0.0353
CMYK	0.03, 0.59, 0.00, 0.04
HSL	297°, 89%, 68%
HSV	297°, 59%, 96%
XYZ	56.7883, 34.1189, 90.7813
YIQ	158.2050, 35.9780, 74.8740

Conversions

Conversions Part 2

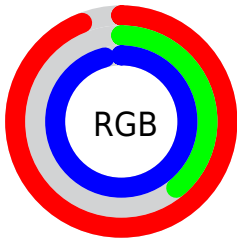
Format	Color
R _{YB}	239, 100, 246
Decimal	15688950
CIE _{Lab}	65.06, 71.74, -48.49
CIE _{LCh}	65, 86.589, 325.948
Yxy	34.1189, 0.3126, 0.1878
Android (android.graphics.Color)	4293879030 (0xFFEF64F6)
YUV	158.2050, 43.2829, 70.8572
Hunter-Lab	58.4114, 71.3202, -51.2589

Details

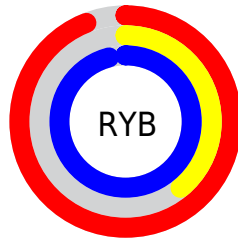
The YUV color **158.2050, 43.2829, 70.8572** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **187.7950, -43.2829, -70.8572**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.0610, 28.0709, 49.9355**, and **96.4980, 45.6035, 73.2313** is the 20% darker color. If you saturate the color by 10%, you get **143.2310, 50.6651, 83.1124**, and if you desaturate by 10%, it is **173.1790, 35.9008, 58.6020**.

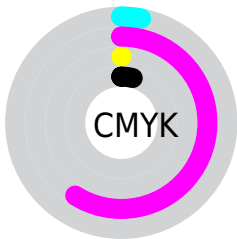
Distribution



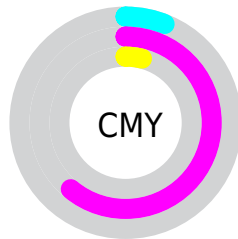
- Red (94%)
- Green (39%)
- Blue (96%)



- Red (94%)
- Yellow (39%)
- Blue (96%)



- Cyan (3%)
- Magenta (59%)
- Yellow (0%)
- Black (4%)





- Cyan (6%)
- Magenta (61%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the YUV color 158.2050, 43.2829, 70.8572 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 158.2050, 43.2829, 70.8572 by changing the saturation by 10% instead.


 158.2050, 43.2829,
70.8572


 158.2050, 43.2829,
70.8572


255.0000, 0.0000,
0.0000


 128.3190, 43.7197,
70.7572


 198.0610, 28.0709,
49.9355


 96.4980, 45.6035,
73.2313


 215.0840, 19.6786,
35.0063


 63.6170, 48.5028,
76.6349

 232.1070, 11.2862,
20.0772

 51.8680, 40.9841,
61.5058

 249.7170, 2.6045,
4.6332

 40.5320, 33.7547,
46.8914

 29.6090, 26.8148,
32.7919

 18.8000, 20.3116,

18.5924

■ 4.2180, 16.1615,
-3.6992

■ 2.0690, 5.3890,
-1.8145

■ 158.2050, 43.2829,
70.8572

■ 158.2050, 43.2829,
70.8572

■ 143.2310, 50.6651,
83.1124

■ 173.1790, 35.9008,
58.6020

■ 128.8440, 57.7579,
94.8528

■ 187.5660, 28.8080,
46.8616

■ 113.5710, 65.2875,
106.4932

■ 202.8390, 21.2784,
35.2212

■ 99.1840, 72.3803,
118.2336

■ 217.2260, 14.1856,
23.4808

98.0100, 72.9591,
119.2632

232.2000, 6.8034,
11.2256

247.1740, -0.5788,
-1.0296

251.5820, -2.7519,
-4.0184

251.8810, -2.8993,
-3.4036

252.4790, -3.1941,
-2.1741

Harmonies

Analogous

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



150.0980, 51.7167, -21.1339



158.2050, 43.2829, 70.8572



132.2470, 19.5982, 107.6544

Triad

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



158.2050, 43.2829, 70.8572



148.1380, -73.0320, 44.6060



138.2400, 42.2797, -121.2365

Complementary

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



158.2050, 43.2829, 70.8572



187.7950, -43.2829, -70.8572

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.



128.6470, 8.0620, -112.8234



158.2050, 43.2829, 70.8572



138.9260, -68.4905, -12.2131

Square

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



158.2050, 43.2829, 70.8572



145.8360, -67.9531, 95.7368



115.6630, -26.4559, -101.4365



138.2520, 57.5568, -121.2470

Rectangle

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



158.2050, 43.2829, 70.8572



128.0800, -3.9834, 111.3088



115.6630, -26.4559, -101.4365



135.2760, 30.9229, -118.6371

Sweetspot

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



158.2050, 43.2829, 70.8572



227.4000, 13.6068, 22.4512



120.7530, 61.7468, -18.2004



110.3790, 8.6872, 13.6996



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.



158.2050, 43.2829, 70.8572



146.0620, 53.7064, 87.6456



152.7740, 13.4224, 81.7592



114.9560, 3.4727, 6.1776



74.1270, 55.1534, 90.2196



23.4700, 17.5163, 28.5288

Inverse Universe

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



144.4520, -18.4638, 89.0576



129.1450, -22.7495, 110.3748



193.2260, -13.4224, -81.7592



113.7020, -1.3321, 7.2773



56.6400, -23.4865, 113.4487



17.9830, -7.3866, 35.9719

Previews

White Background



This preview shows how the YUV color 158.2050, 43.2829, 70.8572 looks on a white background.

Color Contrast Check

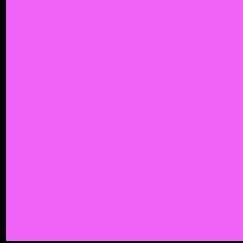
Large Text (above 18pt) WCAG AA × Fail

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 158.2050, 43.2829, 70.8572 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

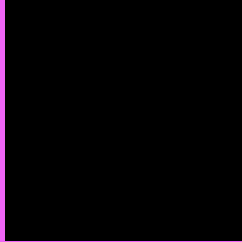
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 158.2050, 43.2829, 70.8572

Background



This preview shows how black text looks on a background with the YUV color 158.2050, 43.2829, 70.8572.



This preview shows how white text looks on a background with the YUV color 158.2050, 43.2829, 70.8572.

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

158.2050, 43.2829, 70.8572

Protanopia

155.3370, 49.1339, -32.7445

Deuteranopia

155.8400, 39.5189, -28.8007



Tritanopia

159.7300, -10.2199, 58.1188

Trichromacy



Original Color

158.2050, 43.2829, 70.8572



Protanomaly

156.4110, 47.1254, 4.9016



Deuteranomaly

156.5270, 41.1522, 7.4308



Tritanomaly

159.2140, 9.2615, 62.9563

Monochromacy



Original Color

158.2050, 43.2829, 70.8572



Achromatopsia

158.0000, 0.0000, 0.0000



Achromatomaly

157.9920, 15.7799, 25.4400

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.2050, 43.2829, 70.8572 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(239, 100, 246)` looks like.

```
.text, #text, p{  
    color:rgb(239, 100, 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(239, 100, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 100, 246) }
```

Border

The CSS property to change the border of an element to YUV 158.2050, 43.2829, 70.8572 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(239, 100, 246) }
```


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

```
.border{ border-color:rgb(239, 100, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 100, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 100, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 100, 246);  
box-shadow:4px 4px 4px 4px rgb(239, 100,  
246) }
```

Background

The CSS property to change the background color of an element to YUV 158.2050, 43.2829, 70.8572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 100, 246) }
```

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

```
.background{ background-color: rgb(239,  
100, 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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