

Converting Colors

YUV(158.2600, 43.2558,
79.5790)

Have a look what the booklet for
YUV(158.2600, 43.2558, 79.5790)
contains.

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Color

**YUV(158.2600, 43.2558,
79.5790)**

Conversions

Conversions Part 1

Format	Color
Hex	F95FF6
RGB	249, 95, 246
RGB Percent	98%, 37%, 96%
CMY	0.0235, 0.6275, 0.0353
CMYK	0.00, 0.62, 0.01, 0.02
HSL	301°, 93%, 67%
HSV	301°, 62%, 98%
XYZ	59.7937, 34.9780, 90.7887
YIQ	158.2600, 43.3130, 79.6090

Conversions

Conversions Part 2

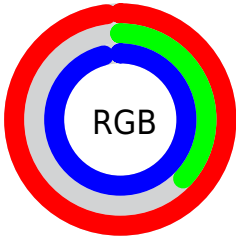
Format	Color
R _Y B	249, 95, 246
Decimal	16343030
CIE Lab	65.73, 76.13, -47.33
CIE LCh	66, 89.646, 328.134
Yxy	34.9780, 0.3222, 0.1885
Android (android.graphics.Color)	4294533110 (0xFFFF95FF6)
YUV	158.2600, 43.2558, 79.5790
Hunter-Lab	59.1422, 76.9675, -49.6161

Details

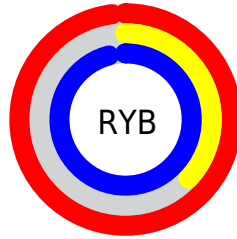
The YUV color **158.2600, 43.2558, 79.5790** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **185.7400, -43.2558, -79.5790**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.7130, 29.2285, 51.9947**, and **90.9710, 48.3283, 85.9714** is the 20% darker color. If you saturate the color by 10%, you get **143.5850, 50.4906, 92.4490**, and if you desaturate by 10%, it is **172.9350, 36.0210, 66.7090**.

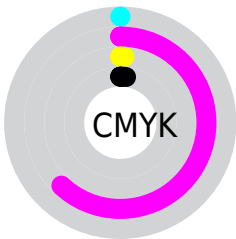
Distribution



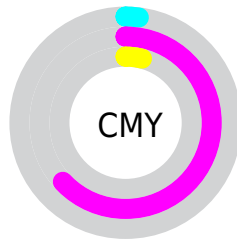
- Red (98%)
- Green (37%)
- Blue (96%)



- Red (98%)
- Yellow (37%)
- Blue (96%)



- Cyan (0%)
- Magenta (62%)
- Yellow (1%)
- Black (2%)




- Cyan (2%)
- Magenta (63%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.2600, 43.2558, 79.5790 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 158.2600, 43.2558, 79.5790 by changing the saturation by 10% instead.


 158.2600, 43.2558,
79.5790


 158.2600, 43.2558,
79.5790


255.0000, 0.0000,
0.0000

 127.2000, 44.2714,
80.5086


 195.7130, 29.2285,
51.9947


 90.9710, 48.3283,
85.9714


 212.7360, 20.8362,
37.0655


 66.3080, 47.1762,
82.1679

 230.3460, 12.1544,
21.6216

 54.5590, 39.6574,
67.0388

 247.9560, 3.4727,
6.1776

 43.2230, 32.4281,
52.4244

 32.0010, 25.6355,
37.7101

 21.1920, 19.1323,

23.5106

■ 7.2080, 14.6875,
2.4486

■ 2.0690, 5.3890,
-1.8145

■ 158.2600, 43.2558,
79.5790

■ 158.2600, 43.2558,
79.5790

■ 143.5850, 50.4906,
92.4490

■ 172.9350, 36.0210,
66.7090

■ 128.7960, 57.2886,
105.4189

■ 187.7240, 29.2231,
53.7391

■ 114.1210, 64.5233,
118.2889

■ 202.3990, 21.9883,
40.8691

■ 102.2670, 69.8744,
128.6848

■ 217.1880, 15.1903,
27.8991

231.2760, 8.2449,
15.5439

246.0650, 1.4470,
2.5740

252.5220, -1.7363,
-3.0888

252.6360, -1.2995,
-3.1888

Harmonies

Analogous

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



152.5120, 50.5266, -12.7270



158.2600, 43.2558, 79.5790



127.0950, 20.1662, 112.1727

Triad

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



158.2600, 43.2558, 79.5790



149.8880, -73.8948, 41.3172



140.5540, 46.0689, -123.2659

Complementary

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



158.2600, 43.2558, 79.5790



185.7400, -43.2558, -79.5790

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.



131.2060, 10.2514, -115.0677



158.2600, 43.2558, 79.5790



139.1810, -68.6162, -18.5757

Square

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



158.2600, 43.2558, 79.5790



146.6850, -72.3157, 94.9923



117.9940, -25.1400, -103.4807



139.4260, 56.9780, -122.2766

Rectangle

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



158.2600, 43.2558, 79.5790



125.1620, -5.0099, 113.8679



117.9940, -25.1400, -103.4807



138.1770, 34.4227, -121.1812

Sweetspot

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



158.2600, 43.2558, 79.5790



226.7100, 13.4540, 24.8103



113.4530, 66.8247, -13.5523



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.



158.2600, 43.2558, 79.5790



143.6010, 52.9477, 97.6969



149.4820, 9.6224, 87.2773



117.3690, 3.7621, 6.6924



77.6010, 52.9477, 97.6969



25.0790, 17.2161, 31.5027

Inverse Universe

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



158.2600, 43.2558, 79.5790



143.6010, 52.9477, 97.6969



194.5180, -9.6224, -87.2773



117.3690, 3.7621, 6.6924



77.6010, 52.9477, 97.6969



25.0790, 17.2161, 31.5027

Previews

White Background



This preview shows how the YUV color 158.2600, 43.2558, 79.5790 looks on a white background.

Color Contrast Check

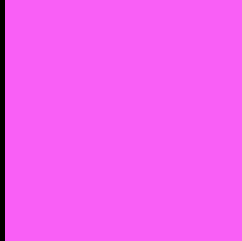
Large Text (above 18pt) WCAG AA × Fail

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 158.2600, 43.2558, 79.5790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

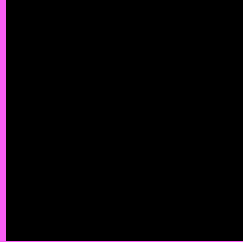
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 158.2600, 43.2558, 79.5790

Background



This preview shows how black text looks on a background with the YUV color 158.2600, 43.2558, 79.5790.



This preview shows how white text looks on a background with the YUV color 158.2600, 43.2558,

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

158.2600, 43.2558, 79.5790

Protanopia

157.4080, 48.1129, -31.9298

Deuteranopia

158.0960, 37.9137, -27.2712



Tritanopia

160.6170, -12.1362, 66.1109

Trichromacy



Original Color

158.2600, 43.2558, 79.5790



Protanomaly

157.6180, 46.5303, 9.1050



Deuteranomaly

158.2070, 39.8309, 11.2195



Tritanomaly

159.6280, 8.0714, 71.3632

Monochromacy



Original Color

158.2600, 43.2558, 79.5790



Achromatopsia

158.0000, 0.0000, 0.0000



Achromatomaly

158.0140, 15.7691, 28.9287

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.2600, 43.2558, 79.5790 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(249, 95, 246)` looks like.

```
.text, #text, p{  
    color:rgb(249, 95, 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(249, 95, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 95, 246) }
```

Border

The CSS property to change the border of an element to YUV 158.2600, 43.2558, 79.5790 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(249, 95, 246) }
```


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

```
.border{ border-color:rgb(249, 95, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 95, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 95, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 95, 246);  
box-shadow:4px 4px 4px 4px rgb(249, 95,  
246) }
```

Background

The CSS property to change the background color of an element to YUV 158.2600, 43.2558, 79.5790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 95, 246) }
```

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

```
.background{ background-color: rgb(249, 95,  
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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