

Converting Colors

YUV(159.9060, 46.8813,
83.3974)

Have a look what the booklet for
YUV(159.9060, 46.8813, 83.3974)
contains.

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Color

**YUV(159.9060, 46.8813,
83.3974)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5DFF
RGB	255, 93, 255
RGB Percent	100%, 36%, 100%
CMY	0.0000, 0.6353, 0.0000
CMYK	0.00, 0.64, 0.00, 0.00
HSL	300°, 100%, 68%
HSV	300°, 64%, 100%
XYZ	63.2044, 36.3087, 98.2848
YIQ	159.9060, 44.5500, 84.7260

Conversions

Conversions Part 2

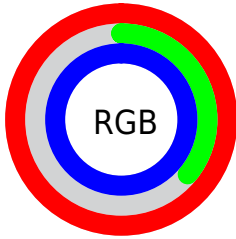
Format	Color
R _Y B	255, 93, 255
Decimal	16735743
CIE Lab	66.76, 79.72, -50.61
CIE LCh	67, 94.425, 327.592
Yxy	36.3087, 0.3195, 0.1836
Android (android.graphics.Color)	4294925823 (0xFFFF5DFF)
YUV	159.9060, 46.8813, 83.3974
Hunter-Lab	60.2567, 81.7827, -54.5283

Details

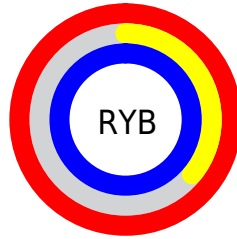
The YUV color **159.9060, 46.8813, 83.3974** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **188.0940, -46.8813, -83.3974**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.1260, 29.5179, 52.5095**, and **86.7470, 54.8477, 94.9379** is the 20% darker color. If you saturate the color by 10%, you get **144.6440, 54.4055, 96.7822**, and if you desaturate by 10%, it is **175.1680, 39.3572, 70.0127**.

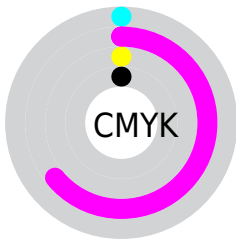
Distribution



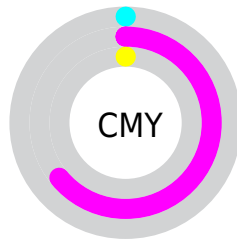
- Red (100%)
- Green (36%)
- Blue (100%)



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



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




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

Brightness & Saturation Gradients


These gradients show how the YUV color 159.9060, 46.8813, 83.3974 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 159.9060, 46.8813, 83.3974 by changing the saturation by 10% instead.


 159.9060, 46.8813,
83.3974


 159.9060, 46.8813,
83.3974


255.0000, 0.0000,
0.0000

 128.2590, 48.1863,
84.8419


 195.1260, 29.5179,
52.5095


 86.7470, 54.8477,
94.9379


 212.7360, 20.8362,
37.0655


 68.7150, 49.9335,
84.4419

 230.3460, 12.1544,
21.6216

 56.9660, 42.4148,
69.3128

 247.9560, 3.4727,
6.1776

 45.3310, 35.3328,
54.0837

 33.9950, 28.1035,
39.4694

 23.1860, 21.6003,

25.2699

■ 10.6970, 16.4184,
7.2817

■ 3.0950, 9.3202,
-2.7143

■ 159.9060, 46.8813,
83.3974

■ 159.9060, 46.8813,
83.3974

■ 144.6440, 54.4055,
96.7822

■ 175.1680, 39.3572,
70.0127

■ 129.9690, 61.6403,
109.6522

■ 189.8430, 32.1224,
57.1427

■ 114.7070, 69.1644,
123.0370

■ 205.1050, 24.5982,
43.7579

■ 105.3150, 73.7947,
131.2737

■ 219.7800, 17.3635,
30.8879

■ 235.0420, 9.8393,
17.5032

■ 249.7170, 2.6045,
4.6332

■ 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.



153.0770, 50.2480, -16.7305



159.9060, 46.8813, 83.3974



120.6210, 25.8228, 117.8504

Triad

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



159.9060, 46.8813, 83.3974



152.5570, -75.2106, 43.3615



143.4720, 47.0953, -125.8249

Complementary

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



159.9060, 46.8813, 83.3974



188.0940, -46.8813, -83.3974

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.



133.6680, 9.5307, -117.2268



159.9060, 46.8813, 83.3974



141.2410, -69.6318, -19.5054

Square

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



159.9060, 46.8813, 83.3974



146.0980, -72.0263, 95.5071



119.6580, -28.9184, -104.9401



142.3610, 55.5310, -124.8506

Rectangle

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



159.9060, 46.8813, 83.3974



119.5200, -1.2424, 118.8160



119.6580, -28.9184, -104.9401



140.9810, 35.0124, -123.6403

Sweetspot

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



159.9060, 46.8813, 83.3974



226.8240, 13.8908, 24.7104



111.4680, 70.7613, -16.1964



110.3900, 8.6817, 15.4440



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.



159.9060, 46.8813, 83.3974



141.1220, 56.1419, 99.8710



150.6720, 11.5007, 91.4957



120.3690, 3.7621, 6.6924



78.8830, 55.2737, 98.3266



26.4320, 18.5210, 32.9471

Inverse Universe

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



159.9060, 46.8813, 83.3974



141.1220, 56.1419, 99.8710



197.3280, -11.5007, -91.4957



120.3690, 3.7621, 6.6924



78.8830, 55.2737, 98.3266



26.4320, 18.5210, 32.9471

Previews

White Background



This preview shows how the YUV color 159.9060, 46.8813, 83.3974 looks on a white background.

Color Contrast Check

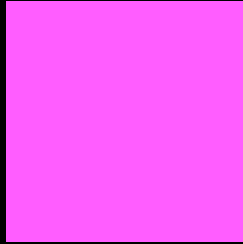
Large Text (above 18pt) WCAG AA × Fail

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 159.9060, 46.8813, 83.3974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

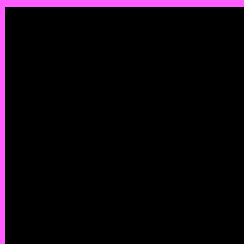
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 159.9060, 46.8813, 83.3974

Background



This preview shows how black text looks on a background with the YUV color 159.9060, 46.8813, 83.3974.



This preview shows how white text looks on a background with the YUV color 159.9060, 46.8813, 83.3974.

83.3974.

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

159.9060, 46.8813, 83.3974

Protanopia

160.3650, 46.6551, -31.0151

Deuteranopia

160.2850, 41.2715, -30.9449



Tritanopia

162.8130, -12.7258, 68.5700

Trichromacy



Original Color

159.9060, 46.8813, 83.3974



Protanomaly

160.3300, 46.6723, 10.2346



Deuteranomaly

160.1190, 43.3253, 10.4196

Tritanomaly

161.5790, 9.0816, 74.0372

Monochromacy



Original Color

159.9060, 46.8813, 83.3974



Achromatopsia

160.0000, 0.0000, 0.0000



Achromatomaly

160.3670, 17.0741, 30.3731

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.9060, 46.8813, 83.3974 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(255, 93, 255)` looks like.

```
.text, #text, p{  
    color:rgb(255, 93, 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(255, 93, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 93, 255) }
```

Border

The CSS property to change the border of an element to YUV 159.9060, 46.8813, 83.3974 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(255, 93, 255) }
```


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

```
.border{ border-color:rgb(255, 93, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 93, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 93, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 93, 255);  
box-shadow:4px 4px 4px 4px rgb(255, 93,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 159.9060, 46.8813, 83.3974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 93, 255) }
```

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

```
.background{ background-color: rgb(255, 93,  
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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