

Converting Colors

YUV(169.8030, 39.5371,
58.9318)

Have a look what the booklet for
YUV(169.8030, 39.5371, 58.9318)
contains.

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Color

**YUV(169.8030, 39.5371,
58.9318)**

Conversions

Conversions Part 1

Format	Color
Hex	ED78FA
RGB	237, 120, 250
RGB Percent	93%, 47%, 98%
CMY	0.0706, 0.5294, 0.0196
CMYK	0.05, 0.52, 0.00, 0.02
HSL	294°, 93%, 73%
HSV	294°, 52%, 98%
XYZ	58.8968, 38.3396, 94.7386
YIQ	169.8030, 28.0020, 65.2340

Conversions

Conversions Part 2

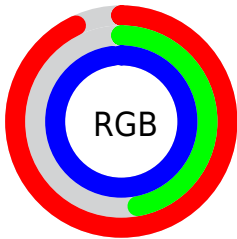
Format	Color
R _Y B	237, 120, 250
Decimal	15563002
CIE Lab	68.27, 63.04, -45.64
CIE LCh	68, 77.828, 324.095
Yxy	38.3396, 0.3068, 0.1997
Android (android.graphics.Color)	4293753082 (0xFFED78FA)
YUV	169.8030, 39.5371, 58.9318
Hunter-Lab	61.9190, 61.4296, -47.3728

Details

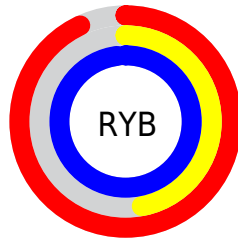
The YUV color **169.8030, 39.5371, 58.9318** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **200.1970, -39.5371, -58.9318**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.6270, 22.8619, 40.6691**, and **112.7920, 39.5425, 57.1874** is the 20% darker color. If you saturate the color by 10%, you get **154.5300, 47.0667, 70.5722**, and if you desaturate by 10%, it is **185.3750, 31.8601, 47.9061**.

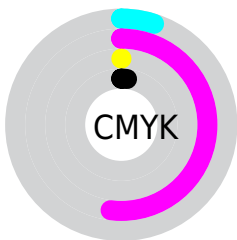
Distribution



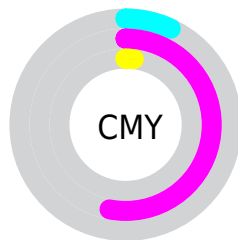
- Red (93%)
- Green (47%)
- Blue (98%)



- Red (93%)
- Yellow (47%)
- Blue (98%)



- Cyan (5%)
- Magenta (52%)
- Yellow (0%)
- Black (2%)




- Cyan (7%)
- Magenta (53%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the YUV color 169.8030, 39.5371, 58.9318 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 169.8030, 39.5371, 58.9318 by changing the saturation by 10% instead.


 169.8030, 39.5371,
58.9318

 169.8030, 39.5371,
58.9318


255.0000, 0.0000,
0.0000

 141.0910, 39.3951,
57.8022


 208.6270, 22.8619,
40.6691


 112.7920, 39.5425,
57.1874


 225.6500, 14.4696,
25.7400

 82.4440, 40.7001,
59.2466

 242.6730, 6.0772,
10.8108

 52.3240, 42.7313,
61.1059

 40.9880, 35.5019,
46.4915

 30.0650, 28.5620,
32.3920

 20.1530, 21.6166,

20.0368

■ 4.5600, 17.4719,
-3.9991

■ 2.6390, 7.5730,
-2.3144

■ 169.8030, 39.5371,
58.9318

■ 169.8030, 39.5371,
58.9318

■ 154.5300, 47.0667,
70.5722

■ 185.3750, 31.8601,
47.9061

■ 138.9580, 54.7437,
81.5978

■ 200.6480, 24.3305,
36.2657

■ 123.6850, 62.2733,
93.2383

■ 216.2200, 16.6535,
25.2401

■ 108.1130, 69.9503,
104.2639

■ 231.4930, 9.1240,
13.5996

95.7750, 76.0329,
113.3303

247.0650, 1.4470,
2.5740

253.5330, -1.7418,
-1.3444

254.4300, -2.1840,
0.4999

Harmonies

Analogous

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



159.8330, 46.9173, -21.7785



169.8030, 39.5371, 58.9318



151.6980, 15.4319, 90.5959

Triad

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



169.8030, 39.5371, 58.9318



155.8350, -76.8267, 48.3797



141.5340, 39.6697, -124.1253

Complementary

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



169.8030, 39.5371, 58.9318



200.1970, -39.5371, -58.9318

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.



133.3260, 8.2203, -116.9269



169.8030, 39.5371, 58.9318



148.1290, -73.0276, -3.6211

Square

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



169.8030, 39.5371, 58.9318



157.5540, -53.5171, 85.4601



129.3700, -25.3254, -90.6555



142.3610, 55.5310, -124.8506

Rectangle

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



169.8030, 39.5371, 58.9318



146.3400, -5.0976, 95.2948



129.3700, -25.3254, -90.6555



139.4990, 29.3340, -122.3406

Sweetspot

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



169.8030, 39.5371, 58.9318



229.7370, 12.4547, 18.6477



142.4510, 53.0217, -19.6895



112.4280, 7.6770, 11.0256



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.



169.8030, 39.5371, 58.9318



157.4700, 48.0823, 71.5018



167.7620, 14.9073, 72.1227



117.0700, 3.9095, 6.0776



72.3760, 57.4956, 85.6162



23.3990, 18.5373, 27.7141

Inverse Universe

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



160.3520, -13.4845, 78.6213



146.0660, -16.3015, 95.5351



202.2380, -14.9073, -72.1227



116.1150, -1.0427, 7.7921



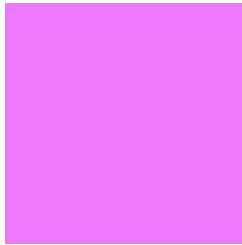
58.6770, -19.5608, 114.2933



18.9230, -6.3710, 36.9015

Previews

White Background



This preview shows how the YUV color 169.8030, 39.5371, 58.9318 looks on a white background.

Color Contrast Check

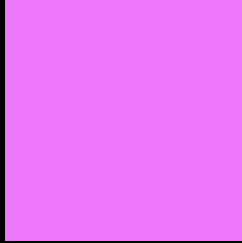
Large Text (above 18pt) WCAG AA × Fail

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 169.8030, 39.5371, 58.9318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

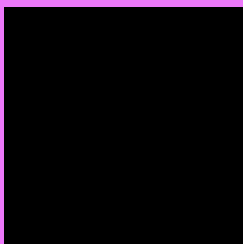
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 169.8030, 39.5371, 58.9318

Background



This preview shows how black text looks on a background with the YUV color 169.8030, 39.5371, 58.9318.



This preview shows how white text looks on a background with the YUV color 169.8030, 39.5371, 58.9318.

58.9318.

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

169.8030, 39.5371, 58.9318

Protanopia

165.1050, 44.3182, -28.1561

Deuteranopia

165.1070, 37.9082, -25.5268



Tritanopia

169.4730, -7.1352, 48.6972

Trichromacy



Original Color

169.8030, 39.5371, 58.9318



Protanomaly

166.8470, 42.4734, 3.6422



Deuteranomaly

167.1200, 38.3948, 5.1568



Tritanomaly

169.3760, 10.1676, 52.2902

Monochromacy



Original Color

169.8030, 39.5371, 58.9318



Achromatopsia

170.0000, 0.0000, 0.0000



Achromatomaly

169.9160, 14.3384, 21.1217

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.8030, 39.5371, 58.9318 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(237, 120, 250)` looks like.

```
.text, #text, p{  
    color:rgb(237, 120, 250)  
}
```

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(237, 120, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 120, 250) }
```

Border

The CSS property to change the border of an element to YUV 169.8030, 39.5371, 58.9318 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(237, 120, 250) }
```


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

```
.border{ border-color:rgb(237, 120, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 120, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 120, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 120, 250);  
box-shadow:4px 4px 4px 4px rgb(237, 120,  
250) }
```

Background

The CSS property to change the background color of an element to YUV 169.8030, 39.5371, 58.9318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 120, 250) }
```

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

```
.background{ background-color: rgb(237,  
120, 250) }
```

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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