

Converting Colors

YUV(171.1580, 34.4321,
63.0054)

Have a look what the booklet for
YUV(171.1580, 34.4321, 63.0054)
contains.

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Color

**YUV(171.1580, 34.4321,
63.0054)**

Conversions

Conversions Part 1

Format	Color
Hex	F379F1
RGB	243, 121, 241
RGB Percent	95%, 47%, 95%
CMY	0.0471, 0.5255, 0.0549
CMYK	0.00, 0.50, 0.01, 0.05
HSL	301°, 84%, 71%
HSV	301°, 50%, 95%
XYZ	59.6767, 39.0803, 87.6170
YIQ	171.1580, 34.1920, 63.1840

Conversions

Conversions Part 2

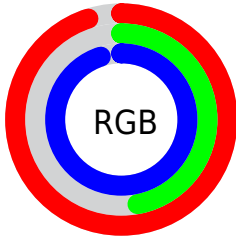
Format	Color
R _Y B	243, 121, 241
Decimal	15956465
CIE Lab	68.81, 62.59, -39.80
CIE LCh	69, 74.173, 327.546
Yxy	39.0803, 0.3202, 0.2097
Android (android.graphics.Color)	4294146545 (0xFFFF379F1)
YUV	171.1580, 34.4321, 63.0054
Hunter-Lab	62.5142, 60.9979, -39.3381

Details

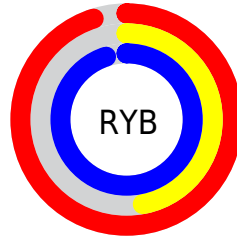
The YUV color **171.1580, 34.4321, 63.0054** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **192.8420, -34.4321, -63.0054**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.2140, 22.5725, 40.1543**, and **114.1470, 34.4375, 61.2611** is the 20% darker color. If you saturate the color by 10%, you get **157.0700, 41.3775, 75.3606**, and if you desaturate by 10%, it is **185.2460, 27.4867, 50.6503**.

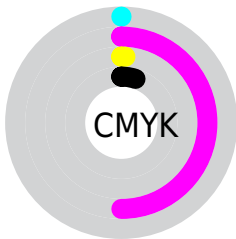
Distribution



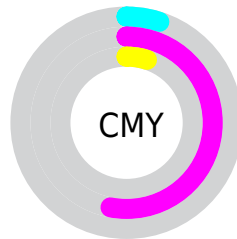
- Red (95%)
- Green (47%)
- Blue (95%)



- Red (95%)
- Yellow (47%)
- Blue (95%)



- Cyan (0%)
- Magenta (50%)
- Yellow (1%)
- Black (5%)





- Cyan (5%)
- Magenta (53%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the YUV color 171.1580, 34.4321, 63.0054 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 171.1580, 34.4321, 63.0054 by changing the saturation by 10% instead.


 171.1580, 34.4321,
63.0054


 171.1580, 34.4321,
63.0054


255.0000, 0.0000,
0.0000


 142.4460, 34.2901,
61.8759


 209.2140, 22.5725,
40.1543


 114.1470, 34.4375,
61.2611

 226.2370, 14.1802,
25.2252

 83.9130, 36.0319,
63.2203

 243.2600, 5.7878,
10.2960

 53.2060, 38.3524,
65.5943

 41.8700, 31.1231,
50.9800

 30.9470, 24.1831,
36.8805

 21.1490, 17.6745,

24.4253

■ 7.4640, 13.0822,
3.9781

■ 0.9120, 3.4944,
-0.7998

■ 171.1580, 34.4321,
63.0054

■ 171.1580, 34.4321,
63.0054

■ 157.0700, 41.3775,
75.3606

■ 185.2460, 27.4867,
50.6503

■ 142.2810, 48.1755,
88.3306

■ 200.0350, 20.6887,
37.6803

■ 128.1930, 55.1209,
100.6857

■ 214.1230, 13.7434,
25.3251

■ 113.9910, 61.6294,
113.1409

■ 228.3250, 7.2348,
12.8700

■ 99.9030, 68.5748,
125.4961

■ 242.4130, 0.2894,
0.5148

■ 250.0440, -3.4727,
-6.1776

■ 250.1580, -3.0359,
-6.2776

■ 250.2720, -2.5991,
-6.3775

Harmonies

Analogous

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



164.6390, 44.5480, -8.4534



171.1580, 34.4321, 63.0054



154.4220, 10.6380, 88.2069

Triad

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



171.1580, 34.4321, 63.0054



156.9760, -77.3892, 42.1170



142.2180, 42.2905, -124.7252

Complementary

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



171.1580, 34.4321, 63.0054



192.8420, -34.4321, -63.0054

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.



134.4660, 12.5883, -117.9267



171.1580, 34.4321, 63.0054



151.3590, -61.8020, -10.8388

Square

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



171.1580, 34.4321, 63.0054



161.8910, -54.6693, 81.6566



126.3560, -17.4305, -102.9212



141.7740, 55.8204, -124.3358

Rectangle

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



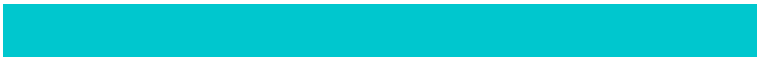
171.1580, 34.4321, 63.0054



151.0530, -9.8861, 91.1615



126.3560, -17.4305, -102.9212



140.2970, 32.3916, -123.0405

Sweetspot

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



171.1580, 34.4321, 63.0054



232.5800, 10.5601, 19.6623



134.9080, 53.2894, -12.1973



114.3850, 6.2192, 11.9404



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.



171.1580, 34.4321, 63.0054



164.8470, 42.9664, 79.0642



164.4320, 8.6610, 68.9041



114.9560, 3.4727, 6.1776



76.4760, 52.5163, 96.0525



24.2530, 16.6373, 30.4731

Inverse Universe

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



171.1580, 34.4321, 63.0054



164.8470, 42.9664, 79.0642



199.5680, -8.6610, -68.9041



114.9560, 3.4727, 6.1776



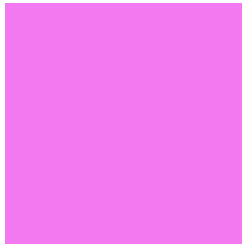
76.4760, 52.5163, 96.0525



24.2530, 16.6373, 30.4731

Previews

White Background



This preview shows how the YUV color 171.1580, 34.4321, 63.0054 looks on a white background.

Color Contrast Check

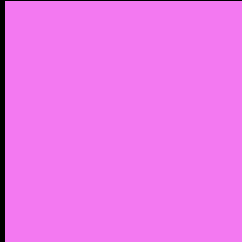
Large Text (above 18pt) WCAG AA × Fail

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 171.1580, 34.4321, 63.0054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

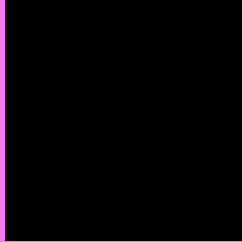
Any Text WCAG AA ✓ Pass

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 171.1580, 34.4321, 63.0054 Background



This preview shows how black text looks on a background with the YUV color 171.1580, 34.4321, 63.0054.



This preview shows how white text looks on a background with the YUV color 171.1580, 34.4321, 63.0054.

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

171.1580, 34.4321, 63.0054

Protanopia

166.5890, 43.5866, -26.8266

Deuteranopia

167.9570, 32.0662, -18.3793



Tritanopia

170.1640, -8.4619, 54.2302

Trichromacy



Original Color

171.1580, 34.4321, 63.0054



Protanomaly

168.2880, 40.2840, 5.8864



Deuteranomaly

169.3720, 32.8476, 11.0748



Tritanomaly

170.3120, 7.2412, 57.6084

Monochromacy



Original Color

171.1580, 34.4321, 63.0054



Achromatopsia

171.0000, 0.0000, 0.0000



Achromatomaly

171.0580, 12.2964, 22.7511

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.1580, 34.4321, 63.0054 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(243, 121, 241)` looks like.

```
.text, #text, p{  
    color:rgb(243, 121, 241)  
}
```

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(243, 121, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 121, 241) }
```

Border

The CSS property to change the border of an element to YUV 171.1580, 34.4321, 63.0054 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(243, 121, 241) }
```


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

```
.border{ border-color:rgb(243, 121, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 121, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 121, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 121, 241);  
box-shadow:4px 4px 4px 4px rgb(243, 121,  
241) }
```

Background

The CSS property to change the background color of an element to YUV 171.1580, 34.4321, 63.0054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 121, 241) }
```

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

```
.background{ background-color: rgb(243,  
121, 241) }
```

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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