

Converting Colors

YUV(147.4580, 53.0182,
75.0203)

Have a look what the booklet for
YUV(147.4580, 53.0182, 75.0203)
contains.

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Color

**YUV(147.4580, 53.0182,
75.0203)**

Conversions

Conversions Part 1

Format	Color
Hex	E953FF
RGB	233, 83, 255
RGB Percent	91%, 33%, 100%
CMY	0.0863, 0.6745, 0.0000
CMYK	0.09, 0.67, 0.00, 0.00
HSL	292°, 100%, 66%
HSV	292°, 67%, 100%
XYZ	54.7475, 30.7302, 97.6537
YIQ	147.4580, 34.1880, 85.2920

Conversions

Conversions Part 2

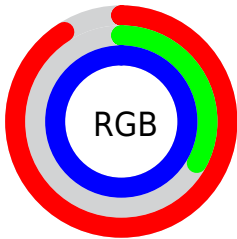
Format	Color
R _Y B	233, 83, 255
Decimal	15291391
CIE Lab	62.28, 78.61, -57.91
CIE LCh	62, 97.635, 323.621
Yxy	30.7302, 0.2990, 0.1678
Android (android.graphics.Color)	4293481471 (0xFFE953FF)
YUV	147.4580, 53.0182, 75.0203
Hunter-Lab	55.4348, 79.2762, -65.6407

Details

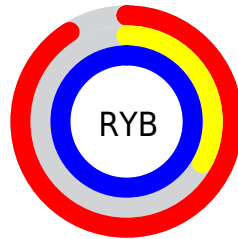
The YUV color **147.4580, 53.0182, 75.0203** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **190.5420, -53.0182, -75.0203**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.2560, 32.4118, 57.6575**, and **74.1850, 60.5478, 86.6608** is the 20% darker color. If you saturate the color by 10%, you get **131.2990, 60.9846, 86.5608**, and if you desaturate by 10%, it is **163.0300, 45.3412, 63.9947**.

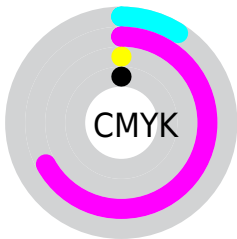
Distribution



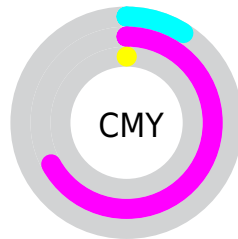
- Red (91%)
- Green (33%)
- Blue (100%)



- Red (91%)
- Yellow (33%)
- Blue (100%)



- Cyan (9%)
- Magenta (67%)
- Yellow (0%)
- Black (0%)





- Cyan (9%)
- Magenta (67%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 147.4580, 53.0182, 75.0203 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 147.4580, 53.0182, 75.0203 by changing the saturation by 10% instead.


 147.4580, 53.0182,
75.0203


 147.4580, 53.0182,
75.0203


255.0000, 0.0000,
0.0000


 115.2240, 54.6126,
76.9796


 189.2560, 32.4118,
57.6575


 74.1850, 60.5478,
86.6608


 206.2790, 24.0195,
42.7283


 62.4360, 53.0291,
71.5316

 223.8890, 15.3377,
27.2843

 50.5730, 45.0735,
56.5025

 241.4990, 6.6560,
11.8404

 38.9380, 37.9916,
41.2734

 28.0150, 31.0516,
27.1738

 15.5970, 24.8487,

10.0004

■ 5.4890, 18.4929,
-4.8139

■ 2.9810, 8.8834,
-2.6143

■ 147.4580, 53.0182,
75.0203

■ 147.4580, 53.0182,
75.0203

■ 131.2990, 60.9846,
86.5608

■ 163.0300, 45.3412,
63.9947

■ 115.4280, 68.8090,
96.9716

■ 179.4880, 37.2274,
53.0690

■ 99.8560, 76.4860,
107.9973

■ 195.6470, 29.2610,
41.5286

■ 95.4480, 78.6591,
110.9861

■ 211.2190, 21.5840,
30.5029

■ 227.3780, 13.6176,
18.9625

■ 243.2490, 5.7932,
8.5516

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.



132.2240, 60.5286, -47.5544



147.4580, 53.0182, 75.0203



95.9670, 37.9773, 139.4719

Triad

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



147.4580, 53.0182, 75.0203



141.9690, -69.9907, 49.1392



134.0340, 41.3952, -117.5478

Complementary

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



147.4580, 53.0182, 75.0203



190.5420, -53.0182, -75.0203

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.



123.3010, 2.8096, -108.1350



147.4580, 53.0182, 75.0203



132.1260, -65.1381, -14.1425

Square

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



147.4580, 53.0182, 75.0203



133.7710, -65.9491, 106.3178



108.0370, -40.4442, -94.7484



135.9040, 58.7143, -119.1878

Rectangle

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



147.4580, 53.0182, 75.0203



89.4690, 13.0798, 145.1707



108.0370, -40.4442, -94.7484



130.7280, 28.7281, -114.6485

Sweetspot

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



147.4580, 53.0182, 75.0203



222.9700, 15.7908, 21.9513



116.1090, 68.4733, -29.0366



108.6070, 9.5607, 13.4997



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.



147.4580, 53.0182, 75.0203



125.7170, 63.7365, 90.5792



146.8540, 22.2570, 94.8440



119.7710, 4.0569, 5.4628



71.7070, 58.8114, 83.5720



24.0400, 19.7003, 28.0289

Inverse Universe

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



136.9360, -15.7444, 103.5421



112.9710, -18.7197, 124.5594



191.1460, -22.2570, -94.8440



119.0010, -1.4795, 7.8921



59.8450, -17.6716, 115.0229



20.0480, -5.9397, 38.5459

Previews

White Background



This preview shows how the YUV color 147.4580, 53.0182, 75.0203 looks on a white background.

Color Contrast Check

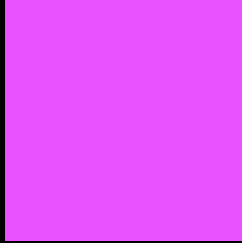
Large Text (above 18pt) WCAG AA × Fail

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 147.4580, 53.0182, 75.0203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

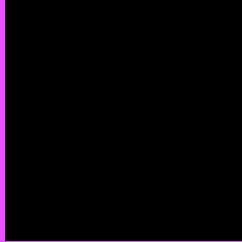
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 147.4580, 53.0182, 75.0203

Background



This preview shows how black text looks on a background with the YUV color 147.4580, 53.0182, 75.0203.



This preview shows how white text looks on a background with the YUV color 147.4580, 53.0182, 75.0203.

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

147.4580, 53.0182, 75.0203

Protanopia

146.1560, 53.6601, -37.8478

Deuteranopia

144.7440, 48.4402, -43.6255



Tritanopia

151.4310, -10.0725, 57.5040

Trichromacy



Original Color

147.4580, 53.0182, 75.0203



Protanomaly

146.7080, 53.3880, 2.8871



Deuteranomaly

145.4750, 50.0518, -0.4166



Tritanomaly

150.1370, 12.7505, 63.9009

Monochromacy



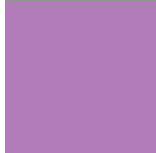
Original Color

147.4580, 53.0182, 75.0203



Achromatopsia

147.0000, 0.0000, 0.0000



Achromatomaly

147.2140, 19.1215, 26.9993

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.4580, 53.0182, 75.0203 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(233, 83, 255)` looks like.

```
.text, #text, p{  
    color:rgb(233, 83, 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(233, 83, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 83, 255) }
```

Border

The CSS property to change the border of an element to YUV 147.4580, 53.0182, 75.0203 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(233, 83, 255) }
```


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

```
.border{ border-color:rgb(233, 83, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 83, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 83, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 83, 255);  
box-shadow:4px 4px 4px 4px rgb(233, 83,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 147.4580, 53.0182, 75.0203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 83, 255) }
```

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

```
.background{ background-color: rgb(233, 83,  
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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