

Converting Colors

YUV(147.2580, 53.1168,
90.1047)

Have a look what the booklet for
YUV(147.2580, 53.1168, 90.1047)
contains.

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Color

**YUV(147.2580, 53.1168,
90.1047)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FA4AFF |
| RGB | 250, 74, 255 |
| RGB Percent | 98%, 29%, 100% |
| CMY | 0.0196, 0.7098, 0.0000 |
| CMYK | 0.02, 0.71, 0.00, 0.00 |
| HSL | 298°, 100%, 65% |
| HSV | 298°, 71%, 100% |
| XYZ | 59.9231, 32.4416, 97.7113 |
| YIQ | 147.2580, 46.7950, 93.6030 |

Conversions

Conversions Part 2

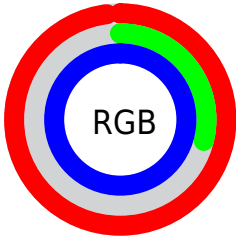
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 250, 74, 255 |
| Decimal | 16403199 |
| CIE Lab | 63.71, 85.17, -55.49 |
| CIE LCh | 64, 101.653, 326.917 |
| Yxy | 32.4416, 0.3153, 0.1707 |
| Android (android.graphics.Color) | 4294593279 (0xFFFA4AFF) |
| YUV | 147.2580, 53.1168, 90.1047 |
| Hunter-Lab | 56.9575, 88.1184, -61.8425 |

Details

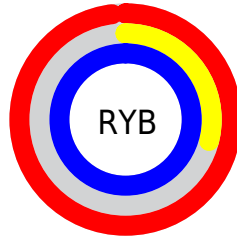
The YUV color **147.2580, 53.1168, 90.1047** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **181.7420, -53.1168, -90.1047**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.7340, 34.1481, 60.7463**, and **78.9690, 58.1893, 96.4972** is the 20% darker color. If you saturate the color by 10%, you get **132.2840, 60.4990, 102.3599**, and if you desaturate by 10%, it is **162.8190, 45.4452, 77.3347**.

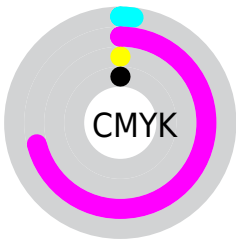
Distribution



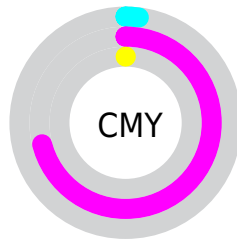
- Red (98%)
- Green (29%)
- Blue (100%)



- Red (98%)
- Yellow (29%)
- Blue (100%)



- Cyan (2%)
- Magenta (71%)
- Yellow (0%)
- Black (0%)





- Cyan (2%)
- Magenta (71%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 147.2580, 53.1168, 90.1047 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 147.2580, 53.1168, 90.1047 by changing the saturation by 10% instead.


 147.2580, 53.1168,
90.1047


 147.2580, 53.1168,
90.1047


255.0000, 0.0000,
0.0000


 110.6160, 56.8843,
95.0528


 185.7340, 34.1481,
60.7463


 78.9690, 58.1893,
96.4972


 203.9310, 25.1770,
44.7875


 67.2200, 50.6705,
81.3681

 221.5410, 16.4953,
29.3435

 55.1720, 43.2992,
65.6242

 239.1510, 7.8136,
13.8996

 43.4230, 35.7805,
50.4950

 32.2010, 28.9879,
35.7807

 20.6800, 22.3428,

20.4516

■ 5.5000, 18.4875,
-3.0695

■ 2.9810, 8.8834,
-2.6143

■ 147.2580, 53.1168,
90.1047

■ 147.2580, 53.1168,
90.1047

■ 132.2840, 60.4990,
102.3599

■ 162.8190, 45.4452,
77.3347

■ 117.0220, 68.0232,
115.7447

■ 177.4940, 38.2105,
64.4648

■ 103.2220, 74.8266,
126.9703

■ 193.0550, 30.5389,
51.6948

■ 208.0290, 23.1567,
39.4396

223.5900, 15.4851,
26.6696

238.2650, 8.2504,
13.7996

253.8260, 0.5788,
1.0296

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.



140.3190, 56.5377, -27.4668



147.2580, 53.1168, 90.1047



95.3970, 35.7933, 139.9718

Triad

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



147.2580, 53.1168, 90.1047



145.1810, -71.5742, 43.6913



139.4940, 47.0845, -122.3362

Complementary

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



147.2580, 53.1168, 90.1047



181.7420, -53.1168, -90.1047

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.



127.7180, 7.0410, -112.0087



147.2580, 53.1168, 90.1047



132.6580, -65.4004, -23.3791

Square

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



147.2580, 53.1168, 90.1047



137.8800, -67.9748, 102.7142



113.0410, -36.5022, -99.1370



138.8390, 57.2674, -121.7618

Rectangle

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



147.2580, 53.1168, 90.1047



88.5570, 9.5854, 145.9705



113.0410, -36.5022, -99.1370



136.0740, 33.9805, -119.3369

Sweetspot

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



147.2580, 53.1168, 90.1047



223.0030, 15.7745, 27.1844



98.1560, 77.3241, -21.1848



108.9170, 9.4079, 15.8588



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.



147.2580, 53.1168, 90.1047



125.8270, 63.6823, 108.0227



139.1770, 15.6887, 101.5768



120.0700, 3.9095, 6.0776



77.3880, 56.0107, 95.2527



25.8340, 18.8158, 31.7176

Inverse Universe

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



128.6890, -24.4967, 110.7747



103.5670, -29.3665, 132.8067



189.8230, -15.6887, -101.5768



118.8870, -1.9163, 7.9921



57.6790, -25.9707, 116.9225



19.3640, -8.5605, 39.1458

Previews

White Background



This preview shows how the YUV color 147.2580, 53.1168, 90.1047 looks on a white background.

Color Contrast Check

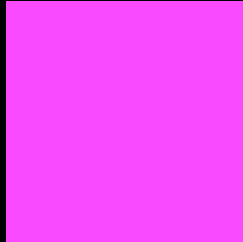
Large Text (above 18pt) WCAG AA × Fail

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 147.2580, 53.1168, 90.1047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

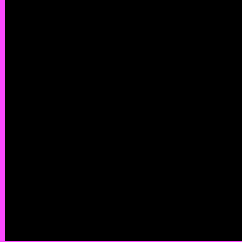
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 147.2580, 53.1168, 90.1047

Background



This preview shows how black text looks on a background with the YUV color 147.2580, 53.1168, 90.1047.



This preview shows how white text looks on a background with the YUV color 147.2580, 53.1168, 90.1047.

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

147.2580, 53.1168, 90.1047

Protanopia

150.5970, 51.4707, -35.6036

Deuteranopia

149.9790, 45.3664, -37.6926



Tritanopia

153.8950, -13.7522, 71.1291

Trichromacy



Original Color

147.2580, 53.1168, 90.1047



Protanomaly

149.4100, 52.0559, 10.1644



Deuteranomaly

149.0740, 48.2775, 8.7051

Tritanomaly

151.3560, 10.6705, 77.7408

Monochromacy



Original Color

147.2580, 53.1168, 90.1047



Achromatopsia

147.0000, 0.0000, 0.0000



Achromatomaly

146.6600, 19.3946, 32.7472

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.2580, 53.1168, 90.1047 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(250, 74, 255)` looks like.

```
.text, #text, p{  
    color:rgb(250, 74, 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(250, 74, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 74, 255) }
```

Border

The CSS property to change the border of an element to YUV 147.2580, 53.1168, 90.1047 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(250, 74, 255) }
```


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

```
.border{ border-color:rgb(250, 74, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 74, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 74, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 74, 255);  
box-shadow:4px 4px 4px 4px rgb(250, 74,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 147.2580, 53.1168, 90.1047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 74, 255) }
```

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

```
.background{ background-color: rgb(250, 74,  
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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