

Converting Colors

YUV(149.9930, 48.3175,
89.4601)

Have a look what the booklet for
YUV(149.9930, 48.3175, 89.4601)
contains.

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Color

**YUV(149.9930, 48.3175,
89.4601)**

Conversions

Conversions Part 1

Format	Color
Hex	FC4FF8
RGB	252, 79, 248
RGB Percent	99%, 31%, 97%
CMY	0.0118, 0.6902, 0.0275
CMYK	0.00, 0.69, 0.02, 0.01
HSL	301°, 97%, 65%
HSV	301°, 69%, 99%
XYZ	59.8841, 33.0647, 92.0328
YIQ	149.9930, 48.8590, 89.2350

Conversions

Conversions Part 2

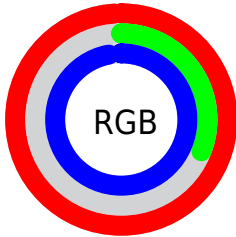
Format	Color
R _Y B	252, 79, 248
Decimal	16535544
CIE Lab	64.21, 82.89, -50.80
CIE LCh	64, 97.223, 328.499
Yxy	33.0647, 0.3237, 0.1787
Android (android.graphics.Color)	4294725624 (0xFFFC4FF8)
YUV	149.9930, 48.3175, 89.4601
Hunter-Lab	57.5019, 85.2666, -54.6433

Details

The YUV color **149.9930, 48.3175, 89.4601** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light washed magenta. A complement of this color would be **181.0070, -48.3175, -89.4601**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.0820, 32.9906, 58.6871**, and **78.8830, 55.2737, 98.3266** is the 20% darker color. If you saturate the color by 10%, you get **135.2040, 55.1154, 102.4301**, and if you desaturate by 10%, it is **164.7820, 41.5195, 76.4902**.

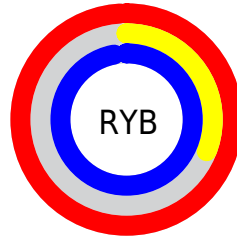
Distribution



Red (99%)

Green (31%)

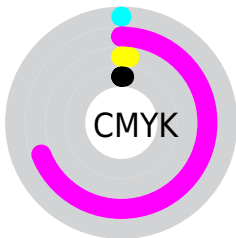
Blue (97%)



Red (99%)

Yellow (31%)

Blue (97%)

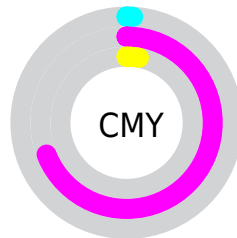


Cyan (0%)

Magenta (69%)

Yellow (2%)

Black (1%)



Cyan (1%)


Magenta (69%)


Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the YUV color 149.9930, 48.3175, 89.4601 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 149.9930, 48.3175, 89.4601 by changing the saturation by 10% instead.


 149.9930, 48.3175,
89.4601


 149.9930, 48.3175,
89.4601


255.0000, 0.0000,
0.0000


 115.1120, 51.2168,
92.8638


 188.0820, 32.9906,
58.6871


 78.8830, 55.2737,
98.3266


 205.6920, 24.3088,
43.2431


 67.0200, 47.3181,
83.2975

 223.3020, 15.6271,
27.7991

 55.2710, 39.7994,
68.1683

 240.9120, 6.9454,
12.3552

 43.6360, 32.7175,
52.9392

 32.1150, 26.0723,
37.6101

 21.0070, 19.7165,

22.7959

■ 7.0230, 15.2717,
1.7338

■ 2.2970, 6.2626,
-2.0145

■ 149.9930, 48.3175,
89.4601

■ 149.9930, 48.3175,
89.4601

■ 135.2040, 55.1154,
102.4301

■ 164.7820, 41.5195,
76.4902

■ 120.5290, 62.3502,
115.3001

■ 179.4570, 34.2847,
63.6202

■ 105.1530, 69.4376,
128.7848

■ 194.8330, 27.1973,
50.1355

■ 103.3920, 70.3057,
130.3292

■ 209.5080, 19.9626,
37.2655

224.2970, 13.1646,
24.2955

238.9720, 5.9298,
11.4256

253.7610, -0.8682,
-1.5444

253.8750, -0.4314,
-1.6444

Harmonies

Analogous

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



146.0000, 53.7370, -15.7860



149.9930, 48.3175, 89.4601



94.9410, 34.0461, 140.3717

Triad

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



149.9930, 48.3175, 89.4601



146.0450, -72.0002, 40.3025



139.7220, 47.9581, -122.5362

Complementary

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



149.9930, 48.3175, 89.4601



181.0070, -48.3175, -89.4601

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.



129.1030, 9.8092, -113.2233



149.9930, 48.3175, 89.4601



133.8320, -65.9792, -24.4087

Square

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



149.9930, 48.3175, 89.4601



141.9890, -70.0006, 99.1106



115.3380, -30.2396, -101.1514



138.2520, 57.5568, -121.2470

Rectangle

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



149.9930, 48.3175, 89.4601



101.9440, 2.4926, 134.2301



115.3380, -30.2396, -101.1514



136.5300, 35.7277, -119.7368

Sweetspot

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



149.9930, 48.3175, 89.4601



223.1880, 15.1903, 27.8991



99.6190, 75.1238, -15.4519



109.1020, 8.8237, 16.5735



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.



149.9930, 48.3175, 89.4601



131.7470, 58.2987, 108.0929



140.3030, 11.1896, 97.9583



117.3690, 3.7621, 6.6924



77.4870, 52.5109, 97.7969



25.0790, 17.2161, 31.5027

Inverse Universe

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



149.9930, 48.3175, 89.4601



131.7470, 58.2987, 108.0929



190.6970, -11.1896, -97.9583



117.3690, 3.7621, 6.6924



77.4870, 52.5109, 97.7969



25.0790, 17.2161, 31.5027

Previews

White Background



This preview shows how the YUV color 149.9930, 48.3175, 89.4601 looks on a white background.

Color Contrast Check

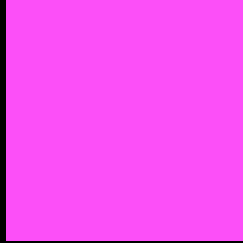
Large Text (above 18pt) WCAG AA × Fail

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 149.9930, 48.3175, 89.4601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

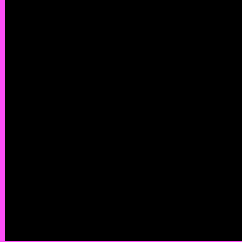
Any Text WCAG AA ✓ Pass

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 149.9930, 48.3175, 89.4601 Background



This preview shows how black text looks on a background with the YUV color 149.9930, 48.3175, 89.4601.



This preview shows how white text looks on a background with the YUV color 149.9930, 48.3175,

89.4601.

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

149.9930, 48.3175, 89.4601

Protanopia

152.6680, 50.4497, -34.7888

Deuteranopia

152.8720, 40.9821, -31.4597



Tritanopia

154.9060, -13.7577, 72.8734

Trichromacy



Original Color

149.9930, 48.3175, 89.4601



Protanomaly

151.7260, 49.4351, 10.7643



Deuteranomaly

151.5430, 43.6093, 12.6788



Tritanomaly

153.1990, 8.7759, 78.7555

Monochromacy



Original Color

149.9930, 48.3175, 89.4601



Achromatopsia

150.0000, 0.0000, 0.0000



Achromatomaly

149.9050, 17.7948, 32.5323

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.9930, 48.3175, 89.4601 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(252, 79, 248)` looks like.

```
.text, #text, p{  
    color:rgb(252, 79, 248)  
}
```

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(252, 79, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 79, 248) }
```

Border

The CSS property to change the border of an element to YUV 149.9930, 48.3175, 89.4601 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(252, 79, 248) }
```


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

```
.border{ border-color:rgb(252, 79, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 79, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 79, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 79, 248);  
box-shadow:4px 4px 4px 4px rgb(252, 79,  
248) }
```

Background

The CSS property to change the background color of an element to YUV 149.9930, 48.3175, 89.4601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 79, 248) }
```

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

```
.background{ background-color: rgb(252, 79,  
248) }
```

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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