

Converting Colors

YUV(148.4100, 52.5489,
85.5864)

Have a look what the booklet for
YUV(148.4100, 52.5489, 85.5864)
contains.

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Color

**YUV(148.4100, 52.5489,
85.5864)**

Conversions

Conversions Part 1

Format	Color
Hex	F64EFF
RGB	246, 78, 255
RGB Percent	96%, 31%, 100%
CMY	0.0353, 0.6941, 0.0000
CMYK	0.04, 0.69, 0.00, 0.00
HSL	297°, 100%, 65%
HSV	297°, 69%, 100%
XYZ	58.7804, 32.2616, 97.7368
YIQ	148.4100, 43.3110, 90.6630

Conversions

Conversions Part 2

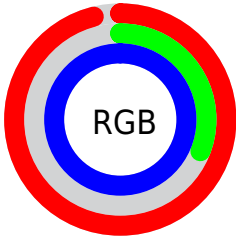
Format	Color
R _{YB}	246, 78, 255
Decimal	16142079
CIE _{Lab}	63.56, 83.07, -55.76
CIE _{LCh}	64, 100.046, 326.129
Y _{xy}	32.2616, 0.3114, 0.1709
Android (android.graphics.Color)	4294332159 (0xFFFF64EFF)
YUV	148.4100, 52.5489, 85.5864
Hunter-Lab	56.7993, 85.3272, -62.2631

Details

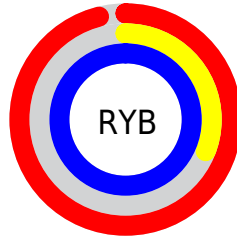
The YUV color **148.4100, 52.5489, 85.5864** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **184.5900, -52.5489, -85.5864**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.4950, 33.2800, 59.2019**, and **78.0720, 58.6315, 94.6529** is the 20% darker color. If you saturate the color by 10%, you get **133.4360, 59.9311, 97.8416**, and if you desaturate by 10%, it is **163.9710, 44.8773, 72.8164**.

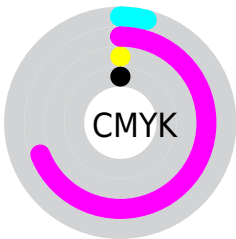
Distribution



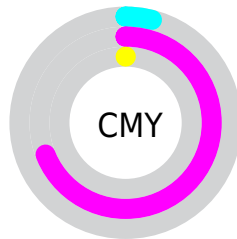
- Red (96%)
- Green (31%)
- Blue (100%)



- Red (96%)
- Yellow (31%)
- Blue (100%)



- Cyan (4%)
- Magenta (69%)
- Yellow (0%)
- Black (0%)





- Cyan (4%)
- Magenta (69%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 148.4100, 52.5489, 85.5864 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 148.4100, 52.5489, 85.5864 by changing the saturation by 10% instead.


 148.4100, 52.5489,
85.5864


 148.4100, 52.5489,
85.5864


255.0000, 0.0000,
0.0000


 113.8280, 55.3008,
89.6048


 187.4950, 33.2800,
59.2019


 78.0720, 58.6315,
94.6529


 205.1050, 24.5982,
43.7579


 66.0240, 51.2602,
78.9090

 222.7150, 15.9165,
28.3139

 54.2750, 43.7414,
63.7798

 240.3250, 7.2348,
12.8700

 42.5260, 36.2227,
48.6507

 31.3040, 29.4301,
33.9364

 19.7830, 22.7850,

18.6073

■ 4.9020, 18.7823,
-4.2991

■ 2.9810, 8.8834,
-2.6143

■ 148.4100, 52.5489,
85.5864

■ 148.4100, 52.5489,
85.5864

■ 133.4360, 59.9311,
97.8416

■ 163.9710, 44.8773,
72.8164

■ 117.5760, 67.7500,
109.9968

■ 179.2440, 37.3477,
61.1760

■ 102.6020, 75.1322,
122.2520

■ 194.8050, 29.6761,
48.4060

■ 101.4280, 75.7110,
123.2816

■ 209.7790, 22.2940,
36.1508

■ 225.3400, 14.6224,
23.3808

■ 240.6130, 7.0928,
11.7404

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.



139.9980, 56.6960, -31.5702



148.4100, 52.5489, 85.5864



95.6250, 36.6669, 139.7719

Triad

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



148.4100, 52.5489, 85.5864



144.8930, -71.4322, 44.8208



138.4510, 45.6267, -121.4215

Complementary

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



148.4100, 52.5489, 85.5864



184.5900, -52.5489, -85.5864

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.



126.7890, 6.0200, -111.1940



148.4100, 52.5489, 85.5864



133.2670, -65.7006, -20.4052

Square

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



148.4100, 52.5489, 85.5864



137.2930, -67.6854, 103.2290



112.3400, -36.6496, -98.5222



138.2520, 57.5568, -121.2470

Rectangle

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



148.4100, 52.5489, 85.5864



88.8990, 10.8958, 145.6706



112.3400, -36.6496, -98.5222



135.0310, 32.5227, -118.4222

Sweetspot

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



148.4100, 52.5489, 85.5864



222.4050, 16.0693, 25.9548



105.2220, 73.8406, -23.8737



108.6180, 9.5553, 15.2440



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.



148.4100, 52.5489, 85.5864



127.2670, 62.9724, 102.3748



142.3230, 17.5888, 98.8177



120.0700, 3.9095, 6.0776



76.1920, 56.6003, 92.7936



25.5350, 18.9632, 31.1028

Inverse Universe

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



131.9490, -22.1599, 107.9157



107.6420, -26.4455, 129.2330



190.6770, -17.5888, -98.8177



118.8870, -1.9163, 7.9921



58.2490, -23.7868, 116.4226



19.4780, -8.1237, 39.0458

Previews

White Background



This preview shows how the YUV color 148.4100, 52.5489, 85.5864 looks on a white background.

Color Contrast Check

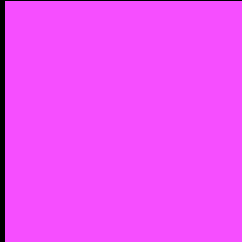
Large Text (above 18pt) WCAG AA × Fail

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 148.4100, 52.5489, 85.5864 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

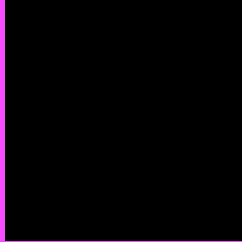
Any Text WCAG AA ✓ Pass

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 148.4100, 52.5489, 85.5864 Background



This preview shows how black text looks on a background with the YUV color 148.4100, 52.5489, 85.5864.



This preview shows how white text looks on a background with the YUV color 148.4100, 52.5489,

85.5864.

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

148.4100, 52.5489, 85.5864

Protanopia

150.2980, 51.6181, -36.2183

Deuteranopia

149.4950, 46.0980, -39.0221



Tritanopia

154.1010, -12.8678, 67.4404

Trichromacy



Original Color

148.4100, 52.5489, 85.5864



Protanomaly

149.3990, 52.0613, 8.4201



Deuteranomaly

148.7640, 48.4303, 6.3460



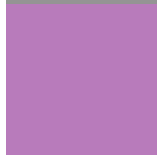
Original Color

148.4100, 52.5489, 85.5864



Achromatopsia

148.0000, 0.0000, 0.0000



Achromatomaly

148.5350, 18.9632, 31.1028

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.4100, 52.5489, 85.5864 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(246, 78, 255)` looks like.

```
.text, #text, p{  
    color:rgb(246, 78, 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(246, 78, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 78, 255) }
```

Border

The CSS property to change the border of an element to YUV 148.4100, 52.5489, 85.5864 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(246, 78, 255) }
```


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

```
.border{ border-color:rgb(246, 78, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 78, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 78, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 78, 255);  
box-shadow:4px 4px 4px 4px rgb(246, 78,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 148.4100, 52.5489, 85.5864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 78, 255) }
```

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

```
.background{ background-color: rgb(246, 78,  
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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