

# Converting Colors

YUV(141.8300, 48.8908,  
92.2341)

Have a look what the booklet for  
YUV(141.8300, 48.8908, 92.2341)  
contains.

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# Color

**YUV(141.8300, 48.8908,  
92.2341)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F745F1
RGB	247, 69, 241
RGB Percent	97%, 27%, 95%
CMY	0.0314, 0.7294, 0.0549
CMYK	0.00, 0.72, 0.02, 0.03
HSL	302°, 92%, 62%
HSV	302°, 72%, 97%
XYZ	56.3631, 30.3813, 86.1126
YIQ	141.8300, 50.8760, 91.2280

# Conversions

## Conversions Part 2

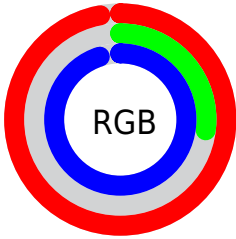
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	247, 69, 241
Decimal	16205297
CIE <sub>Lab</sub>	61.98, 83.94, -50.50
CIE <sub>LCh</sub>	62, 97.963, 328.967
Yxy	30.3813, 0.3261, 0.1758
Android (android.graphics.Color)	4294395377 (0xFFFF745F1)
YUV	141.8300, 48.8908, 92.2341
Hunter-Lab	55.1192, 86.0696, -54.0452

# Details

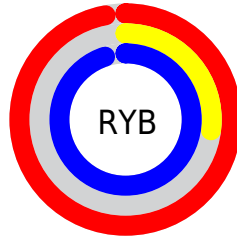
The YUV color **141.8300, 48.8908, 92.2341** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light washed magenta. A complement of this color would be **174.1700, -48.8908, -92.2341**, and the grayscale version is **141.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.3860, 35.3057, 62.8055**, and **76.5900, 52.9531, 95.9526** is the 20% darker color. If you saturate the color by 10%, you get **127.0410, 55.6888, 105.2040**, and if you desaturate by 10%, it is **156.6190, 42.0928, 79.2641**.

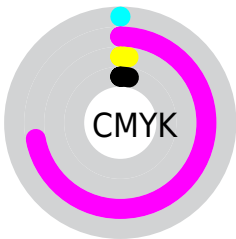
# Distribution



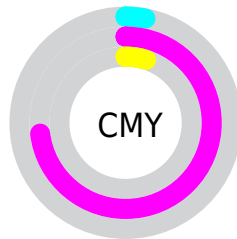
- Red (97%)
- Green (27%)
- Blue (95%)



- Red (97%)
- Yellow (27%)
- Blue (95%)



- Cyan (0%)
- Magenta (72%)
- Yellow (2%)
- Black (3%)



- Cyan (3%)
- Magenta (73%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 141.8300, 48.8908, 92.2341 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 141.8300, 48.8908, 92.2341 by changing the saturation by 10% instead.





 141.8300, 48.8908,  
92.2341


 141.8300, 48.8908,  
92.2341


255.0000, 0.0000,  
0.0000


 103.7260, 53.3791,  
99.3413


 183.3860, 35.3057,  
62.8055


 76.5900, 52.9531,  
95.9526

 200.9960, 26.6240,  
47.3615

 64.8410, 45.4344,  
80.8234


 218.6060, 17.9422,  
31.9175

 53.0920, 37.9156,  
65.6943

 236.2160, 9.2605,  
16.4736

 41.4570, 30.8337,  
50.4652

254.4130, 0.2894,  
0.5148

 30.3490, 24.4779,  
35.6509

 18.9420, 18.2696,

20.2219

■ 3.7620, 14.4143,  
-3.2993

■ 0.5700, 2.1840,  
-0.4999

■ 141.8300, 48.8908,  
92.2341

■ 141.8300, 48.8908,  
92.2341

■ 127.0410, 55.6888,  
105.2040

■ 156.6190, 42.0928,  
79.2641

■ 112.8390, 62.1974,  
117.6592

■ 170.8210, 35.5842,  
66.8090

■ 101.0990, 67.9852,  
127.9552

■ 185.4960, 28.3495,  
53.9390

■ 200.2850, 21.5515,  
40.9691

215.0740, 14.7535,  
27.9991

229.2760, 8.2449,  
15.5439

244.0650, 1.4470,  
2.5740

251.8100, -1.8783,  
-4.2184

# Harmonies

## Analogous

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



140.9830, 56.2104, -15.7711



141.8300, 48.8908, 92.2341



94.1430, 30.9885, 141.0716

# Triad

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



141.8300, 48.8908, 92.2341



140.7180, -69.3740, 37.9583



135.6300, 47.5104, -118.9475

# Complementary

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



141.8300, 48.8908, 92.2341



174.1700, -48.8908, -92.2341

# 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.



125.0110, 9.3616, -109.6346



141.8300, 48.8908, 92.2341



127.3200, -62.7688, -27.4676

# Square

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



141.8300, 48.8908, 92.2341



136.6730, -67.3798, 98.5108



111.1320, -31.1241, -97.4628



134.7300, 59.2931, -118.1582



# Rectangle

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



141.8300, 48.8908, 92.2341



87.6450, 6.0910, 146.7703



111.1320, -31.1241, -97.4628



132.4380, 35.2801, -116.1481

# Sweetspot

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



141.8300, 48.8908, 92.2341



221.9000, 15.3323, 29.0287



91.0860, 76.8656, -14.1074



107.8140, 8.9657, 17.7031



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.



141.8300, 48.8908, 92.2341



125.6490, 60.3190, 113.4408



131.6840, 10.0158, 101.1321



114.9560, 3.4727, 6.1776



76.1340, 51.2059, 96.3525



24.1390, 16.2005, 30.5731



# Inverse Universe

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



141.8300, 48.8908, 92.2341



125.6490, 60.3190, 113.4408



184.3160, -10.0158, -101.1321



114.9560, 3.4727, 6.1776



76.1340, 51.2059, 96.3525



24.1390, 16.2005, 30.5731



# Previews

## White Background



This preview shows how the YUV color 141.8300, 48.8908, 92.2341 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

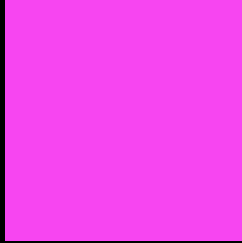
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 141.8300, 48.8908, 92.2341 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

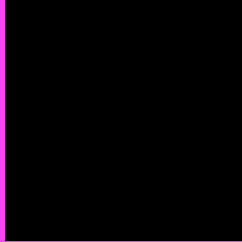
Any Text WCAG AA ✓ Pass

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 141.8300, 48.8908, 92.2341 Background



This preview shows how black text looks on a background with the YUV color 141.8300, 48.8908, 92.2341.



This preview shows how white text looks on a background with the YUV color 141.8300, 48.8908,



# 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

141.8300, 48.8908, 92.2341

### Protanopia

145.5580, 53.9549, -39.0774

### Deuteranopia

146.7580, 40.5453, -31.3598



## Tritanopia

148.6890, -14.6367, 74.8177

# Trichromacy



## Original Color

141.8300, 48.8908, 92.2341



## Protanomaly

144.3990, 52.0613, 8.4201



## Deuteranomaly

144.8420, 43.4619, 13.2936



## Tritanomaly

146.3950, 8.1863, 81.2146

# Monochromacy



## Original Color

141.8300, 48.8908, 92.2341



## Achromatopsia

142.0000, 0.0000, 0.0000



## Achromatomaly

141.6170, 17.9368, 33.6619

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 141.8300, 48.8908, 92.2341 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(247, 69, 241)` looks like.

```
.text, #text, p{  
    color:rgb(247, 69, 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(247, 69, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 69, 241) }
```

## Border

The CSS property to change the border of an element to YUV 141.8300, 48.8908, 92.2341 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(247, 69, 241) }
```



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

```
.border{ border-color:rgb(247, 69, 241) }
```

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

Here you see how a box with a 4 pixel rgb(247, 69, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 69, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 69, 241);  
box-shadow:4px 4px 4px 4px rgb(247, 69,  
241) }
```

# Background

The CSS property to change the background color of an element to YUV 141.8300, 48.8908, 92.2341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 69, 241) }
```

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

```
.background{ background-color: rgb(247, 69,  
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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