

Converting Colors

YUV(142.0880, 0.4496, 89.3768)

Have a look what the booklet for
YUV(142.0880, 0.4496, 89.3768)
contains.

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Color

**YUV(142.0880, 0.4496,
89.3768)**

Conversions

Conversions Part 1

Format	Color
Hex	F45A8F
RGB	244, 90, 143
RGB Percent	96%, 35%, 56%
CMY	0.0431, 0.6471, 0.4392
CMYK	0.00, 0.63, 0.41, 0.04
HSL	339°, 88%, 65%
HSV	339°, 63%, 96%
XYZ	45.9223, 28.5286, 29.0728
YIQ	142.0880, 74.7710, 49.1310

Conversions

Conversions Part 2

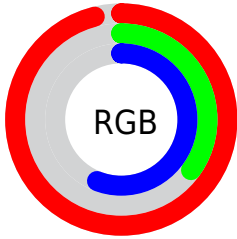
Format	Color
RYB	244, 90, 143
Decimal	16013967
CIELab	60.36, 63.19, 2.87
CIELCh	60, 63.255, 2.604
Yxy	28.5286, 0.4436, 0.2756
Android (android.graphics.Color)	4294204047 (0xFFFF45A8F)
YUV	142.0880, 0.4496, 89.3768
Hunter-Lab	53.4122, 59.9981, 5.1164

Details

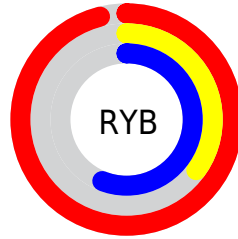
The YUV color **142.0880, 0.4496, 89.3768** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **191.9120, -0.4496, -89.3768**, and the grayscale version is **142.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.9920, 5.9199, 61.3970**, and **78.8200, 6.9907, 91.3659** is the 20% darker color. If you saturate the color by 10%, you get **126.1760, 0.4062, 103.3316**, and if you desaturate by 10%, it is **158.0000, 0.4930, 75.4220**.

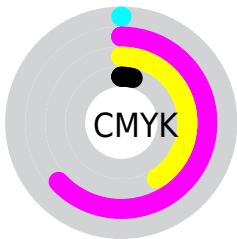
Distribution



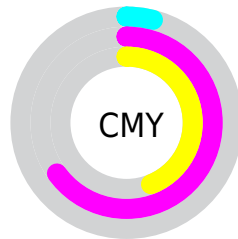
- Red (96%)
- Green (35%)
- Blue (56%)



- Red (96%)
- Yellow (35%)
- Blue (56%)



- Cyan (0%)
- Magenta (63%)
- Yellow (41%)
- Black (4%)





- Cyan (4%)
- Magenta (65%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the YUV color 142.0880, 0.4496, 89.3768 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 142.0880, 0.4496, 89.3768 by changing the saturation by 10% instead.

 142.0880, 0.4496,
89.3768


 142.0880, 0.4496,
89.3768

255.0000, 0.0000,
0.0000


 112.2450, 2.3442,
88.3621

 184.9920, 5.9199,
61.3970

 78.8200, 6.9907,
91.3659


 205.0930, 9.3212,
43.7684


 53.7270, 8.0226,
87.0624

 225.4220, 13.5960,
25.9399

 42.5480, 2.6878,
71.4334

 242.6730, 6.0772,
10.8108

 31.1840, -2.0627,
55.0896

 20.6740, -8.7133,
41.5049

 10.5790, -4.7224,

21.4172

■ 0.0000, 0.0000,
0.0000

■ 142.0880, 0.4496,
89.3768

■ 142.0880, 0.4496,
89.3768

■ 126.1760, 0.4062,
103.3316

■ 158.0000, 0.4930,
75.4220

■ 109.6770, 0.6522,
117.8013

■ 174.4990, 0.2470,
60.9524

■ 93.7650, 0.6089,
131.7561


■ 190.4110, 0.2904,
46.9976

■ 82.5320, 0.7237,
141.6074

■ 206.9100, 0.0444,
32.5279

■ 222.8220, 0.0878,
18.5731

 238.7340, 0.1311,
4.6183

 251.7110, 1.6215,
-6.7625

Harmonies

Analogous

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



148.2040, 24.5494, 59.4571



142.0880, 0.4496, 89.3768



140.9050, -25.5892, 87.7833

Triad

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



142.0880, 0.4496, 89.3768



131.4950, -44.6140, -17.0971



124.0840, 59.1186, -108.8217

Complementary

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



142.0880, 0.4496, 89.3768



191.9120, -0.4496, -89.3768

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.



123.6330, 39.6209, -108.4261



142.0880, 0.4496, 89.3768



108.9900, -8.8691, -95.5842

Square

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



142.0880, 0.4496, 89.3768



136.6720, -62.9423, 28.3517



117.9500, 15.3076, -103.4421



117.7070, 67.6854, -103.2290

Rectangle

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



142.0880, 0.4496, 89.3768



140.9790, -41.4016, 72.8094



117.9500, 15.3076, -103.4421



124.5910, 53.4456, -109.2663

Sweetspot

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



142.0880, 0.4496, 89.3768



223.1760, -0.0868, 27.9096



137.4560, 52.5262, 46.0811



108.1100, -0.0542, 17.4435



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.



142.0880, 0.4496, 89.3768



126.6440, 0.6685, 112.5682



149.5470, -29.3567, 82.8353



114.0440, -0.0217, 6.9774



62.9100, 0.5374, 107.9499



19.9210, 0.0389, 34.2723

Inverse Universe

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



142.0880, 0.4496, 89.3768



126.6440, 0.6685, 112.5682



184.4530, 29.3567, -82.8353



114.0440, -0.0217, 6.9774



62.9100, 0.5374, 107.9499



19.9210, 0.0389, 34.2723

Previews

White Background



This preview shows how the YUV color 142.0880, 0.4496, 89.3768 looks on a white background.

Color Contrast Check

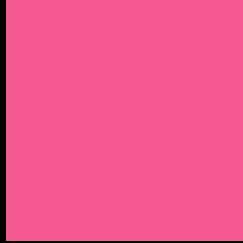
Large Text (above 18pt) WCAG AA ✓ Pass

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 142.0880, 0.4496, 89.3768 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

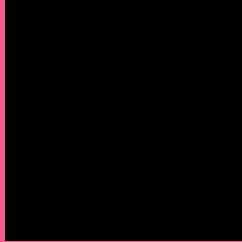
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 142.0880, 0.4496, 89.3768

Background



This preview shows how black text looks on a background with the YUV color 142.0880, 0.4496, 89.3768.



This preview shows how white text looks on a background with the YUV color 142.0880, 0.4496,

89.3768.

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

142.0880, 0.4496, 89.3768

Protanopia

146.7400, 14.4252, -6.7880

Deuteranopia

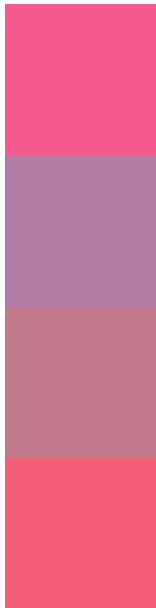
147.3070, -5.5744, 14.6398



Tritanopia

141.4410, -18.4584, 87.3132

Trichromacy



Original Color

142.0880, 0.4496, 89.3768

Protanomaly

144.9940, 9.3700, 28.0693

Deuteranomaly

145.1670, -3.0403, 41.9495

Tritanomaly

141.5750, -11.6225, 88.0727

Monochromacy



Original Color

142.0880, 0.4496, 89.3768

Achromatopsia

142.0000, 0.0000, 0.0000

Achromatomaly

141.9100, 0.0444, 32.5279

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.0880, 0.4496, 89.3768 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(244, 90, 143)` looks like.

```
.text, #text, p{  
    color:rgb(244, 90, 143)  
}
```

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(244, 90, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 90, 143) }
```

Border

The CSS property to change the border of an element to YUV 142.0880, 0.4496, 89.3768 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(244, 90, 143) }
```


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

```
.border{ border-color:rgb(244, 90, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 90, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 90, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 90, 143);  
box-shadow:4px 4px 4px 4px rgb(244, 90,  
143) }
```

Background

The CSS property to change the background color of an element to YUV 142.0880, 0.4496, 89.3768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 90, 143) }
```

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

```
.background{ background-color: rgb(244, 90,  
143) }
```

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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