

Converting Colors

YUV(118.8310, 50.8623,
113.2812)

Have a look what the booklet for
YUV(118.8310, 50.8623, 113.2812)
contains.

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Color

**YUV(118.8310, 50.8623,
113.2812)**

Conversions

Conversions Part 1

Format	Color
Hex	F821DE
RGB	248, 33, 222
RGB Percent	97%, 13%, 87%
CMY	0.0275, 0.8706, 0.1294
CMYK	0.00, 0.87, 0.10, 0.03
HSL	307°, 94%, 55%
HSV	307°, 87%, 97%
XYZ	52.4401, 26.3181, 71.4232
YIQ	118.8310, 67.4710, 104.3590

Conversions

Conversions Part 2

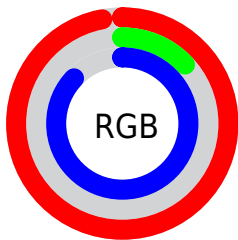
Format	Color
R _{YB}	248, 33, 222
Decimal	16261598
CIE Lab	58.34, 89.67, -45.61
CIE LCh	58, 100.600, 333.041
Yxy	26.3181, 0.3492, 0.1752
Android (android.graphics.Color)	4294451678 (0xFFFF821DE)
YUV	118.8310, 50.8623, 113.2812
Hunter-Lab	51.3012, 92.6857, -46.6348

Details

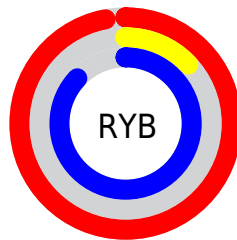
The YUV color **118.8310, 50.8623, 113.2812** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light washed magenta. A complement of this color would be **162.1690, -50.8623, -113.2812**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.4720, 41.6723, 74.1311**, and **74.8370, 44.9434, 98.3670** is the 20% darker color. If you saturate the color by 10%, you get **103.8140, 56.7867, 126.4511**, and if you desaturate by 10%, it is **133.8480, 44.9379, 100.1113**.

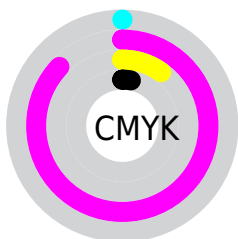
Distribution



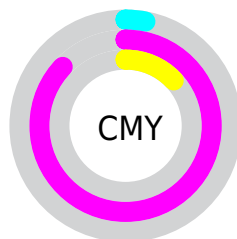
- Red (97%)
- Green (13%)
- Blue (87%)



- Red (97%)
- Yellow (13%)
- Blue (87%)



- Cyan (0%)
- Magenta (87%)
- Yellow (10%)
- Black (3%)





- Cyan (3%)
- Magenta (87%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the YUV color 118.8310, 50.8623, 113.2812 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 118.8310, 50.8623, 113.2812 by changing the saturation by 10% instead.


 118.8310, 50.8623,
113.2812


 118.8310, 50.8623,
113.2812


255.0000, 0.0000,
0.0000


 86.9990, 52.7515,
114.0109


 170.4720, 41.6723,
74.1311


 74.8370, 44.9434,
98.3670


 189.2560, 32.4118,
57.6575


 62.7890, 37.5720,
82.6230


 207.4530, 23.4407,
41.6987

 50.8550, 30.6375,
66.7792

 225.0630, 14.7589,
26.2547

 39.3340, 23.9923,
51.4501

 243.2600, 5.7878,
10.2960

 28.2260, 17.6366,
36.6358

 16.6340, 12.0124,

20.4920

■ 2.6390, 7.5730,
-2.3144

■ 0.0000, 0.0000,
0.0000

■ 118.8310, 50.8623,
113.2812

■ 118.8310, 50.8623,
113.2812

■ 103.8140, 56.7867,
126.4511

■ 133.8480, 44.9379,
100.1113

■ 99.0040, 58.6650,
130.6695

■ 148.8650, 39.0136,
86.9414

■ 163.2950, 33.3786,
74.2863

■ 178.3120, 27.4542,
61.1164

193.3290, 21.5298,
47.9465

208.3460, 15.6054,
34.7766

223.3630, 9.6810,
21.6066

237.7930, 4.0461,
8.9515

252.2230, -1.5889,
-3.7036

Harmonies

Analogous

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



134.8910, 59.2137, 0.9726



118.8310, 50.8623, 113.2812



91.7490, 21.8157, 143.1711

Triad

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



118.8310, 50.8623, 113.2812



130.9170, -64.5421, 28.1368



129.5150, 52.0041, -113.5847

Complementary

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



118.8310, 50.8623, 113.2812



162.1690, -50.8623, -113.2812

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.



119.4830, 13.5659, -104.7866



118.8310, 50.8623, 113.2812



113.6430, -56.0260, -43.5369

Square

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



118.8310, 50.8623, 113.2812



128.9430, -63.5689, 89.5040



106.0770, -27.6460, -93.0295



128.2730, 62.4764, -112.4954

Rectangle

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



118.8310, 50.8623, 113.2812



85.1370, -3.5185, 148.9699



106.0770, -27.6460, -93.0295



127.0240, 39.9212, -111.4000

Sweetspot

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



118.8310, 50.8623, 113.2812



215.3460, 15.6054, 34.7766



64.9850, 90.2264, -6.1258



103.9500, 9.3916, 21.0918



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.



118.8310, 50.8623, 113.2812



101.7810, 60.2540, 134.3731



106.6330, 4.1249, 123.9789



117.1410, 2.8885, 6.8923



75.4350, 44.6485, 99.5965



24.3950, 14.5953, 32.1026

Inverse Universe

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



118.8310, 50.8623, 113.2812



101.7810, 60.2540, 134.3731



174.3670, -4.1249, -123.9789



117.1410, 2.8885, 6.8923



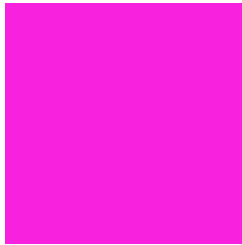
75.4350, 44.6485, 99.5965



24.3950, 14.5953, 32.1026

Previews

White Background



This preview shows how the YUV color 118.8310, 50.8623, 113.2812 looks on a white background.

Color Contrast Check

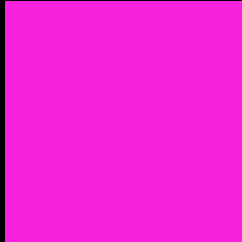
Large Text (above 18pt) WCAG AA ✓ Pass

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 118.8310, 50.8623, 113.2812 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 118.8310, 50.8623, 113.2812 Background



This preview shows how black text looks on a background with the YUV color 118.8310, 50.8623, 113.2812.



This preview shows how white text looks on a background with the YUV color 118.8310, 50.8623, 113.2812.

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

118.8310, 50.8623, 113.2812

Protanopia

133.7080, 59.7970, -46.2249

Deuteranopia

138.8960, 34.5613, -25.3418



Tritanopia

135.0390, -18.7532, 88.5428

Trichromacy



Original Color

118.8310, 50.8623, 113.2812



Protanomaly

128.2730, 56.5604, 12.0386



Deuteranomaly

131.5230, 40.6612, 24.9743



Tritanomaly

129.0380, 6.3903, 97.3137

Monochromacy



Original Color

118.8310, 50.8623, 113.2812



Achromatopsia

119.0000, 0.0000, 0.0000



Achromatomaly

119.0740, 18.2045, 41.1541

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.8310, 50.8623, 113.2812 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(248, 33, 222)` looks like.

```
.text, #text, p{  
    color:rgb(248, 33, 222)  
}
```

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(248, 33, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 33, 222) }
```

Border

The CSS property to change the border of an element to YUV 118.8310, 50.8623, 113.2812 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(248, 33, 222) }
```


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

```
.border{ border-color:rgb(248, 33, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 33, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 33, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 33, 222);  
box-shadow:4px 4px 4px 4px rgb(248, 33,  
222) }
```

Background

The CSS property to change the background color of an element to YUV 118.8310, 50.8623, 113.2812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 33, 222) }
```

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

```
.background{ background-color: rgb(248, 33,  
222) }
```

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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