

Converting Colors

YUV(111.3880, 42.6997,
118.0547)

Have a look what the booklet for
YUV(111.3880, 42.6997, 118.0547)
contains.

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Color

**YUV(111.3880, 42.6997,
118.0547)**

Conversions

Conversions Part 1

Format	Color
Hex	F61AC6
RGB	246, 26, 198
RGB Percent	96%, 10%, 78%
CMY	0.0353, 0.8980, 0.2235
CMYK	0.00, 0.89, 0.20, 0.04
HSL	313°, 92%, 53%
HSV	313°, 89%, 96%
XYZ	48.5685, 24.4088, 55.5776
YIQ	111.3880, 75.9080, 100.1320

Conversions

Conversions Part 2

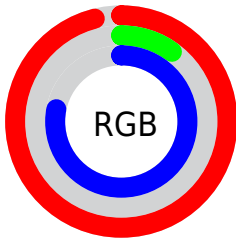
Format	Color
R _Y B	246, 26, 198
Decimal	16128710
CIE Lab	56.49, 87.26, -34.85
CIE LCh	56, 93.960, 338.232
Yxy	24.4088, 0.3778, 0.1899
Android (android.graphics.Color)	4294318790 (0xFFFF61AC6)
YUV	111.3880, 42.6997, 118.0547
Hunter-Lab	49.4053, 89.0173, -32.1135

Details

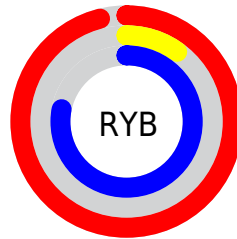
The YUV color **111.3880, 42.6997, 118.0547** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **160.6120, -42.6997, -118.0547**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.1240, 42.8299, 76.1903**, and **71.7310, 35.6286, 99.3369** is the 20% darker color. If you saturate the color by 10%, you get **96.1430, 47.7505, 131.4246**, and if you desaturate by 10%, it is **126.6330, 37.6489, 104.6849**.

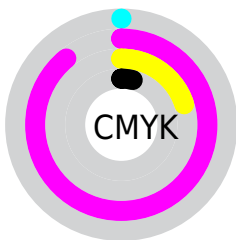
Distribution



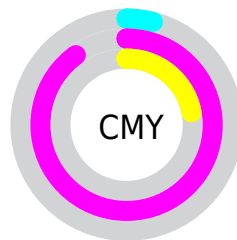
- Red (96%)
- Green (10%)
- Blue (78%)



- Red (96%)
- Yellow (10%)
- Blue (78%)



- Cyan (0%)
- Magenta (89%)
- Yellow (20%)
- Black (4%)





- Cyan (4%)
- Magenta (90%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the YUV color 111.3880, 42.6997, 118.0547 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 111.3880, 42.6997, 118.0547 by changing the saturation by 10% instead.


 111.3880, 42.6997,
118.0547


 111.3880, 42.6997,
118.0547


255.0000, 0.0000,
0.0000


 83.6650, 42.5632,
115.1808


 168.1240, 42.8299,
76.1903


 71.7310, 35.6286,
99.3369


 186.9080, 33.5694,
59.7167


 59.7970, 28.6941,
83.4930

 204.5180, 24.8876,
44.2727

 47.9770, 22.1963,
67.5492

 222.7150, 15.9165,
28.3139

 36.4560, 15.5512,
52.2201

 240.9120, 6.9454,
12.3552

 25.5760, 10.0690,
37.2058

 14.0980, 4.8817,

20.9621

■ 0.0000, 0.0000,
0.0000

■ 111.3880, 42.6997,
118.0547

■ 111.3880, 42.6997,
118.0547

■ 96.1430, 47.7505,
131.4246

■ 126.6330, 37.6489,
104.6849

■ 95.4420, 47.6031,
132.0394

■ 141.4050, 33.3243,
91.7298

■ 156.6500, 28.2736,
78.3600

■ 171.3080, 23.5122,
65.5049

■ 186.6670, 18.8982,
52.0350

■ 201.9120, 13.8474,
38.6652

■ 216.6840, 9.5228,
25.7101

■ 231.9290, 4.4720,
12.3403

■ 246.5870, -0.2894,
-0.5148

Harmonies

Analogous

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



135.3110, 59.0067, 20.7753



111.3880, 42.6997, 118.0547



89.5830, 13.5166, 145.0707

Triad

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



111.3880, 42.6997, 118.0547



125.5350, -61.8888, 17.0708



125.5200, 54.4666, -110.0810

Complementary

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



111.3880, 42.6997, 118.0547



160.6120, -42.6997, -118.0547

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.



117.1010, 19.6702, -102.6976



111.3880, 42.6997, 118.0547



104.1190, -51.3307, -56.2324

Square

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



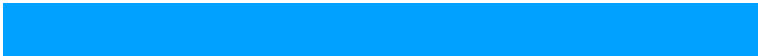
111.3880, 42.6997, 118.0547



126.4850, -62.3571, 74.1197



104.8350, -17.1737, -91.9403



123.5770, 64.7915, -108.3770

Rectangle

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



111.3880, 42.6997, 118.0547



94.1070, -14.8428, 141.1032



104.8350, -17.1737, -91.9403



123.3710, 43.6941, -108.1964

Sweetspot

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



111.3880, 42.6997, 118.0547



212.7870, 13.4160, 37.0208



65.4320, 89.0200, 7.5141



102.9070, 7.9338, 22.0066



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.



111.3880, 42.6997, 118.0547



98.9310, 49.3340, 136.8725



98.8480, -5.3481, 129.0523



114.7280, 2.5991, 6.3775



72.2580, 36.3548, 99.7517



22.8850, 11.3957, 31.6729

Inverse Universe

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



111.3880, 42.6997, 118.0547



98.9310, 49.3340, 136.8725



173.1520, 5.3481, -129.0523



114.7280, 2.5991, 6.3775



72.2580, 36.3548, 99.7517



22.8850, 11.3957, 31.6729

Previews

White Background



This preview shows how the YUV color 111.3880, 42.6997, 118.0547 looks on a white background.

Color Contrast Check

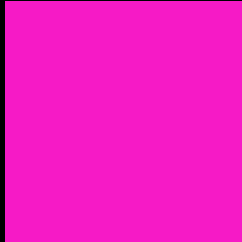
Large Text (above 18pt) WCAG AA ✓ Pass

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 111.3880, 42.6997, 118.0547 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 111.3880, 42.6997, 118.0547 Background



This preview shows how black text looks on a background with the YUV color 111.3880, 42.6997, 118.0547.



This preview shows how white text looks on a background with the YUV color 111.3880, 42.6997, 118.0547.

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

111.3880, 42.6997, 118.0547

Protanopia

127.4840, 62.8654, -50.4135

Deuteranopia

136.0410, 24.6298, -13.1910



Tritanopia

128.1000, -21.2483, 95.5053

Trichromacy



Original Color

111.3880, 42.6997, 118.0547



Protanomaly

121.3330, 55.5448, 11.1090



Deuteranomaly

127.0590, 31.0299, 34.1513



Tritanomaly

121.9310, 2.0060, 103.5465

Monochromacy



Original Color

111.3880, 42.6997, 118.0547



Achromatopsia

111.0000, 0.0000, 0.0000



Achromatomaly

111.1020, 15.7257, 42.8835

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.3880, 42.6997, 118.0547 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, 26, 198)` looks like.

```
.text, #text, p{  
    color:rgb(246, 26, 198)  
}
```

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, 26, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 26, 198) }
```

Border

The CSS property to change the border of an element to YUV 111.3880, 42.6997, 118.0547 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, 26, 198) }
```


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

```
.border{ border-color:rgb(246, 26, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 26, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 26, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 26, 198);  
box-shadow:4px 4px 4px 4px rgb(246, 26,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 111.3880, 42.6997, 118.0547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 26, 198) }
```

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

```
.background{ background-color: rgb(246, 26,  
198) }
```

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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