

Converting Colors

YUV(158.3870, -3.1488,
76.8366)

Have a look what the booklet for
YUV(158.3870, -3.1488, 76.8366)
contains.

YUV(158.3870, -3.1488, 76.8366)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(158.3870, -3.1488,
76.8366)**

Conversions

Conversions Part 1

Format	Color
Hex	F67398
RGB	246, 115, 152
RGB Percent	96%, 45%, 60%
CMY	0.0353, 0.5490, 0.4039
CMYK	0.00, 0.53, 0.38, 0.04
HSL	343°, 88%, 71%
HSV	343°, 53%, 96%
XYZ	49.8043, 34.1213, 33.6669
YIQ	158.3870, 66.1990, 39.2790

Conversions

Conversions Part 2

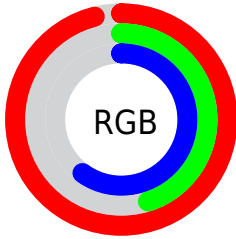
Format	Color
R _Y B	246, 115, 152
Decimal	16151448
CIE Lab	65.06, 53.71, 4.51
CIE LCh	65, 53.898, 4.805
Yxy	34.1213, 0.4235, 0.2902
Android (android.graphics.Color)	4294341528 (0xFFFF67398)
YUV	158.3870, -3.1488, 76.8366
Hunter-Lab	58.4134, 49.9685, 6.7173

Details

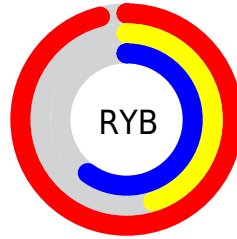
The YUV color **158.3870, -3.1488, 76.8366** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **202.6130, 3.1488, -76.8366**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.1060, 2.9057, 48.1420**, and **102.3480, -0.6646, 73.3628** is the 20% darker color. If you saturate the color by 10%, you get **141.6600, -3.7764, 91.5062**, and if you desaturate by 10%, it is **175.1140, -2.5212, 62.1670**.

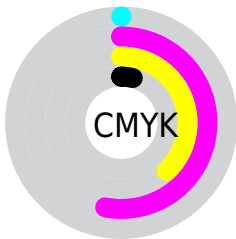
Distribution



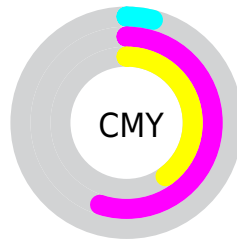
- Red (96%)
- Green (45%)
- Blue (60%)



- Red (96%)
- Yellow (45%)
- Blue (60%)



- Cyan (0%)
- Magenta (53%)
- Yellow (38%)
- Black (4%)



- Cyan (4%)
- Magenta (55%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the YUV color 158.3870, -3.1488, 76.8366 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 158.3870, -3.1488, 76.8366 by changing the saturation by 10% instead.


 158.3870, -3.1488,
76.8366

 158.3870, -3.1488,
76.8366

255.0000, 0.0000,
0.0000


 130.6040, -2.2698,
74.8923

 200.1060, 2.9057,
48.1420

 102.3480, -0.6646,
73.3628


 219.7340, 7.0331,
30.9283

 72.7440, 2.0982,
73.8925

 239.1510, 7.8136,
13.8996

 44.5420, 5.1558,
73.1927

 33.4770, 0.2578,
57.4637

 22.7820, -5.8085,
43.1642

 13.2700, -6.0491,

26.9502

■ 0.0000, 0.0000,
0.0000

■ 158.3870, -3.1488,
76.8366

■ 158.3870, -3.1488,
76.8366

■ 141.6600, -3.7764,
91.5062

■ 175.1140, -2.5212,
62.1670

■ 125.6340, -4.2566,
105.5610

■ 191.1400, -2.0410,
48.1122

■ 108.9070, -4.8842,
120.2306

■ 207.8670, -1.4134,
33.4426

■ 92.7670, -5.8011,
134.3853

■ 224.0070, -0.4965,
19.2879

■ 81.4200, -6.1231,
144.3367

■ 240.6200, -0.3057,
4.7183

252.3090, 1.3267,
-5.5330

Harmonies

Analogous

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



161.6780, 18.8927, 53.7794



158.3870, -3.1488, 76.8366



156.5290, -25.4038, 74.9581

Triad

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



158.3870, -3.1488, 76.8366



146.7860, -35.8835, -17.3523



130.0680, 56.6615, -114.0696

Complementary

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



158.3870, -3.1488, 76.8366



202.6130, 3.1488, -76.8366

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.



129.8280, 40.5108, -113.8592



158.3870, -3.1488, 76.8366



134.3290, -9.5292, -70.4485

Square

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



158.3870, -3.1488, 76.8366



152.3520, -47.5015, 22.4933



125.5300, 18.9657, -110.0898



146.7850, 52.8570, -60.3244

Rectangle

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



158.3870, -3.1488, 76.8366



155.9500, -37.4433, 63.1879



125.5300, 18.9657, -110.0898



130.8030, 51.8621, -114.7142

Sweetspot

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



158.3870, -3.1488, 76.8366



227.6270, -0.8021, 24.0061



158.0400, 43.3643, 44.6919



111.2730, -0.6276, 14.6696



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.



158.3870, -3.1488, 76.8366



145.9810, -3.9346, 95.6097



170.6050, -27.4133, 66.1214



114.0440, -0.0217, 6.9774



61.6560, -4.2674, 109.0497



19.5790, -1.2714, 34.5722

Inverse Universe

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



158.3870, -3.1488, 76.8366



145.9810, -3.9346, 95.6097



190.3950, 27.4133, -66.1214



114.0440, -0.0217, 6.9774



61.6560, -4.2674, 109.0497



19.5790, -1.2714, 34.5722

Previews

White Background



This preview shows how the YUV color 158.3870, -3.1488, 76.8366 looks on a white background.

Color Contrast Check

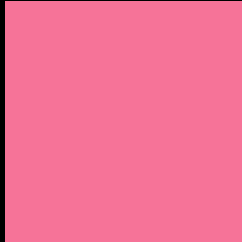
Large Text (above 18pt) WCAG AA × Fail

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 158.3870, -3.1488, 76.8366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

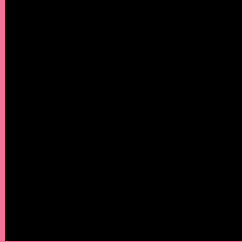
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 158.3870, -3.1488, 76.8366

Background



This preview shows how black text looks on a background with the YUV color 158.3870, -3.1488, 76.8366.



This preview shows how white text looks on a background with the YUV color 158.3870, -3.1488,

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

158.3870, -3.1488, 76.8366

Protanopia

158.9810, 8.8834, -2.6143

Deuteranopia

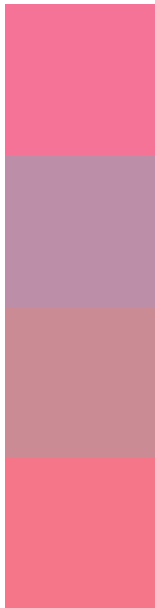
159.6770, -6.7428, 16.0693



Tritanopia

157.4010, -14.4947, 75.9473

Trichromacy



Original Color

158.3870, -3.1488, 76.8366

Protanomaly

159.0170, 4.4286, 26.2951

Deuteranomaly

159.1620, -5.5029, 38.4459

Tritanomaly

158.1390, -10.4215, 76.1771

Monochromacy



Original Color

158.3870, -3.1488, 76.8366

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

157.9480, -0.9604, 28.1096

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.3870, -3.1488, 76.8366 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, 115, 152)` looks like.

```
.text, #text, p{  
    color:rgb(246, 115, 152)  
}
```

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, 115, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 115, 152) }
```

Border

The CSS property to change the border of an element to YUV 158.3870, -3.1488, 76.8366 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, 115, 152) }
```


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

```
.border{ border-color:rgb(246, 115, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 115, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 115, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 115, 152);  
box-shadow:4px 4px 4px 4px rgb(246, 115,  
152) }
```

Background

The CSS property to change the background color of an element to YUV 158.3870, -3.1488, 76.8366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 115, 152) }
```

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

```
.background{ background-color: rgb(246,  
115, 152) }
```

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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