

Converting Colors

YUV(158.7390, 3.0867, 83.5439)

Have a look what the booklet for
YUV(158.7390, 3.0867, 83.5439)
contains.

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Color

**YUV(158.7390, 3.0867,
83.5439)**

Conversions

Conversions Part 1

Format	Color
Hex	FE6DA5
RGB	254, 109, 165
RGB Percent	100%, 43%, 65%
CMY	0.0039, 0.5725, 0.3529
CMYK	0.00, 0.57, 0.35, 0.00
HSL	337°, 99%, 71%
HSV	337°, 57%, 100%
XYZ	53.1332, 34.7247, 39.4994
YIQ	158.7390, 68.4440, 48.1560

Conversions

Conversions Part 2

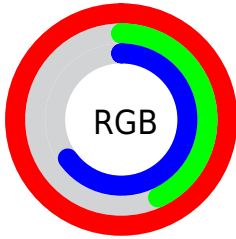
Format	Color
R _Y B	254, 109, 165
Decimal	16674213
CIE Lab	65.53, 60.45, -2.06
CIE LCh	66, 60.485, 358.044
Yxy	34.7247, 0.4172, 0.2727
Android (android.graphics.Color)	4294864293 (0xFFFE6DA5)
YUV	158.7390, 3.0867, 83.5439
Hunter-Lab	58.9277, 57.8243, 1.5071

Details

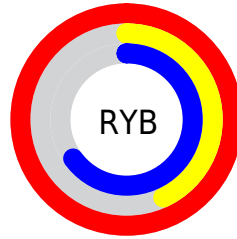
The YUV color **158.7390, 3.0867, 83.5439** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **204.2610, -3.0867, -83.5439**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.7670, 10.4679, 49.3163**, and **100.5260, 6.1497, 81.0997** is the 20% darker color. If you saturate the color by 10%, you get **142.2400, 3.3327, 98.0135**, and if you desaturate by 10%, it is **175.2380, 2.8407, 69.0743**.

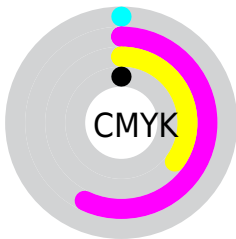
Distribution



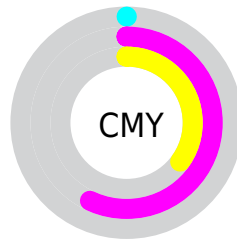
- Red (100%)
- Green (43%)
- Blue (65%)



- Red (100%)
- Yellow (43%)
- Blue (65%)



- Cyan (0%)
- Magenta (57%)
- Yellow (35%)
- Black (0%)



- Cyan (0%)
- Magenta (57%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.7390, 3.0867, 83.5439 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 158.7390, 3.0867, 83.5439 by changing the saturation by 10% instead.


 158.7390, 3.0867,
83.5439


 158.7390, 3.0867,
83.5439


255.0000, 0.0000,
0.0000

 130.0700, 4.4025,
81.4996

 198.7670, 10.4679,
49.3163

 100.5260, 6.1497,
81.0997


 218.3950, 14.5953,
32.1026


 63.8780, 12.3851,
87.8070

 236.2160, 9.2605,
16.4736

 47.8890, 8.9287,
76.3963

253.8260, 0.5788,
1.0296

 36.7100, 3.5940,
60.7673

 26.0580, -1.0146,
45.5531

 15.4770, -6.6442,

31.1537

■ 0.0000, 0.0000,
0.0000

■ 158.7390, 3.0867,
83.5439

■ 158.7390, 3.0867,
83.5439

■ 142.2400, 3.3327,
98.0135

■ 175.2380, 2.8407,
69.0743

■ 125.2680, 4.3049,
112.8980

■ 192.2100, 1.8685,
54.1898

■ 108.7690, 4.5509,
127.3676

■ 208.7090, 1.6225,
39.7202

■ 91.7970, 5.5231,
142.2520

■ 225.6810, 0.6503,
24.8358

■ 87.1180, 5.3648,
146.3555

■ 242.1800, 0.4043,
10.3661

254.7010, 0.1474,
-0.6148

Harmonies

Analogous

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



163.3170, 26.4657, 51.4650



158.7390, 3.0867, 83.5439



156.4040, -22.3842, 86.4687

Triad

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



158.7390, 3.0867, 83.5439



147.6100, -45.6567, -9.3050



133.5730, 57.3985, -117.1435

Complementary

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



158.7390, 3.0867, 83.5439



204.2610, -3.0867, -83.5439

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.



132.4210, 37.7534, -116.1332



158.7390, 3.0867, 83.5439



135.4730, -17.9812, -66.1898

Square

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



158.7390, 3.0867, 83.5439



152.7680, -55.1016, 33.5295



126.1510, 13.7296, -110.6344



126.5120, 63.3446, -110.9510

Rectangle

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



158.7390, 3.0867, 83.5439



156.0270, -37.4813, 75.3983



126.1510, 13.7296, -110.6344



134.0800, 51.7256, -117.5882

Sweetspot

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



158.7390, 3.0867, 83.5439



226.6810, 0.6503, 24.8358



151.5430, 50.5113, 38.9888



110.9140, 0.5354, 14.9844



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.



158.7390, 3.0867, 83.5439



139.3760, 3.7586, 101.4022



161.1600, -25.7149, 81.4207



119.4570, 0.2677, 7.4922



65.5450, 4.1683, 110.0240



21.9860, 1.4859, 36.8463

Inverse Universe

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



158.7390, 3.0867, 83.5439



139.3760, 3.7586, 101.4022



201.8400, 25.7149, -81.4207



119.4570, 0.2677, 7.4922



65.5450, 4.1683, 110.0240



21.9860, 1.4859, 36.8463

Previews

White Background



This preview shows how the YUV color 158.7390, 3.0867, 83.5439 looks on a white background.

Color Contrast Check

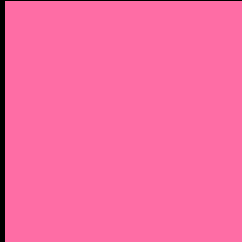
Large Text (above 18pt) WCAG AA × Fail

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 158.7390, 3.0867, 83.5439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

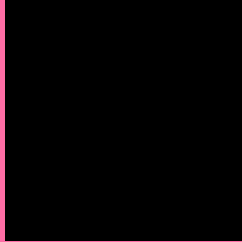
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 158.7390, 3.0867, 83.5439

Background



This preview shows how black text looks on a background with the YUV color 158.7390, 3.0867, 83.5439.



This preview shows how white text looks on a background with the YUV color 158.7390, 3.0867,

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

158.7390, 3.0867, 83.5439

Protanopia

160.2390, 17.6302, -8.1026

Deuteranopia

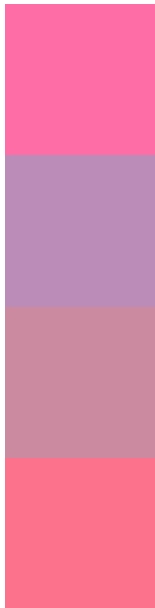
160.7350, -1.3484, 12.5104



Tritanopia

157.9780, -16.2582, 81.5803

Trichromacy



Original Color

158.7390, 3.0867, 83.5439

Protanomaly

159.4820, 12.5804, 25.0103

Deuteranomaly

160.3560, 0.3175, 38.2758

Tritanomaly

158.2260, -8.9854, 82.2398

Monochromacy



Original Color

158.7390, 3.0867, 83.5439

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

159.1270, 0.9234, 30.5836

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.7390, 3.0867, 83.5439 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(254, 109, 165)` looks like.

```
.text, #text, p{  
    color:rgb(254, 109, 165)  
}
```

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(254, 109, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 109, 165) }
```

Border

The CSS property to change the border of an element to YUV 158.7390, 3.0867, 83.5439 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(254, 109, 165) }
```


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

```
.border{ border-color:rgb(254, 109, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 109, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 109, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 109, 165);  
box-shadow:4px 4px 4px 4px rgb(254, 109,  
165) }
```

Background

The CSS property to change the background color of an element to YUV 158.7390, 3.0867, 83.5439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 109, 165) }
```

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

```
.background{ background-color: rgb(254,  
109, 165) }
```

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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