

Converting Colors

YUV(158.2050, 6.3079, 76.9962)

Have a look what the booklet for
YUV(158.2050, 6.3079, 76.9962)
contains.

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Color

**YUV(158.2050, 6.3079,
76.9962)**

Conversions

Conversions Part 1

Format	Color
Hex	F66FAB
RGB	246, 111, 171
RGB Percent	96%, 44%, 67%
CMY	0.0353, 0.5647, 0.3294
CMYK	0.00, 0.55, 0.30, 0.04
HSL	333°, 88%, 70%
HSV	333°, 55%, 96%
XYZ	51.0412, 33.9020, 42.3816
YIQ	158.2050, 61.2000, 47.2800

Conversions

Conversions Part 2

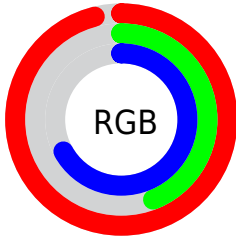
Format	Color
R_{YB}	246, 111, 171
Decimal	16150443
CIE Lab	64.88, 57.77, -6.57
CIE LCh	65, 58.141, 353.510
Yxy	33.9020, 0.4009, 0.2663
Android (android.graphics.Color)	4294340523 (0xFFFF66FAB)
YUV	158.2050, 6.3079, 76.9962
Hunter-Lab	58.2254, 54.5810, -2.3988

Details

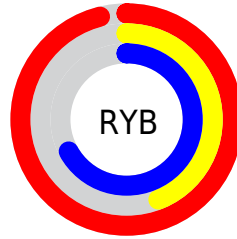
The YUV color **158.2050, 6.3079, 76.9962** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **198.7950, -6.3079, -76.9962**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.0380, 12.7993, 48.2017**, and **100.8780, 8.9341, 74.6520** is the 20% darker color. If you saturate the color by 10%, you get **141.9340, 7.4275, 91.2659**, and if you desaturate by 10%, it is **174.4760, 5.1883, 62.7265**.

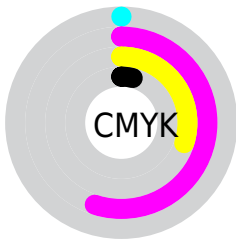
Distribution



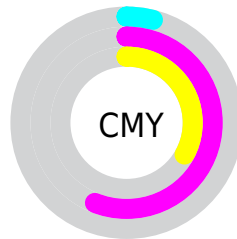
- Red (96%)
- Green (44%)
- Blue (67%)



- Red (96%)
- Yellow (44%)
- Blue (67%)



- Cyan (0%)
- Magenta (55%)
- Yellow (30%)
- Black (4%)




- Cyan (4%)
- Magenta (56%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YUV color 158.2050, 6.3079, 76.9962 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 158.2050, 6.3079, 76.9962 by changing the saturation by 10% instead.


 158.2050, 6.3079,
76.9962


 158.2050, 6.3079,
76.9962


255.0000, 0.0000,
0.0000

 129.8350, 7.4763,
75.5667


 200.0380, 12.7993,
48.2017

 100.8780, 8.9341,
74.6520

 220.3670, 17.0741,
30.3731


 68.8120, 12.4177,
77.3409

 237.3900, 8.6817,
15.4440

 46.3660, 12.1446,
71.5930

254.4130, 0.2894,
0.5148

 35.3720, 6.2256,
56.6788

 25.0190, 1.4696,
42.0793

 14.2810, -6.0545,

28.6946

■ 0.0000, 0.0000,
0.0000

■ 158.2050, 6.3079,
76.9962

■ 158.2050, 6.3079,
76.9962

■ 141.9340, 7.4275,
91.2659

■ 174.4760, 5.1883,
62.7265

■ 126.3640, 8.6945,
104.9208

■ 190.0460, 3.9213,
49.0717

■ 110.0930, 9.8142,
119.1904

■ 206.3170, 2.8017,
34.8020

■ 94.4090, 10.6444,
132.9453

■ 222.0010, 1.9715,
21.0471

■ 85.9800, 11.3489,
140.3375

■ 238.1580, 0.4151,
6.8774

252.0810, 0.4531,
-5.3330

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.



161.8320, 28.6768, 42.2433



158.2050, 6.3079, 76.9962



155.2450, -17.8688, 84.8541

Triad

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



158.2050, 6.3079, 76.9962



147.5400, -46.1152, -2.2276



131.8460, 53.3199, -115.6289

Complementary

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



158.2050, 6.3079, 76.9962



198.7950, -6.3079, -76.9962

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.



129.2920, 33.3800, -113.3891



158.2050, 6.3079, 76.9962



138.1220, -22.2451, -51.8500

Square

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



158.2050, 6.3079, 76.9962



152.3000, -51.9129, 37.4479



123.2500, 10.2298, -108.0902



127.0990, 63.0552, -111.4658

Rectangle

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



158.2050, 6.3079, 76.9962



154.8790, -32.9713, 75.5281



123.2500, 10.2298, -108.0902



131.6520, 47.4996, -115.4588

Sweetspot

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



158.2050, 6.3079, 76.9962



228.3110, 1.8187, 23.4063



148.5160, 48.0596, 31.9965



111.7290, 1.1196, 14.2697



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.



158.2050, 6.3079, 76.9962



145.6680, 7.5587, 95.8842



155.4740, -21.9257, 79.3913



114.2720, 0.8519, 6.7775



65.0760, 8.8365, 106.0503



20.6050, 2.6597, 33.6724

Inverse Universe

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



158.2050, 6.3079, 76.9962



145.6680, 7.5587, 95.8842



201.5260, 21.9257, -79.3913



114.2720, 0.8519, 6.7775



65.0760, 8.8365, 106.0503



20.6050, 2.6597, 33.6724

Previews

White Background



This preview shows how the YUV color 158.2050, 6.3079, 76.9962 looks on a white background.

Color Contrast Check

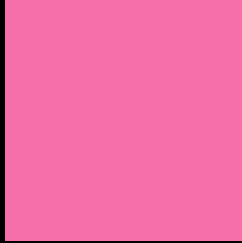
Large Text (above 18pt) WCAG AA × Fail

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 158.2050, 6.3079, 76.9962 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 158.2050, 6.3079, 76.9962

Background



This preview shows how black text looks on a background with the YUV color 158.2050, 6.3079, 76.9962.



This preview shows how white text looks on a background with the YUV color 158.2050, 6.3079,

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

158.2050, 6.3079, 76.9962

Protanopia

158.3250, 20.5458, -9.9320

Deuteranopia

159.3370, 2.2989, 9.3515



Tritanopia

157.3900, -14.4893, 74.2030

Trichromacy



Original Color

158.2050, 6.3079, 76.9962



Protanomaly

158.4430, 15.0646, 21.5365



Deuteranomaly

159.2460, 3.8227, 33.9873



Tritanomaly

157.7520, -6.7797, 74.7625

Monochromacy



Original Color

158.2050, 6.3079, 76.9962



Achromatopsia

158.0000, 0.0000, 0.0000



Achromatomaly

158.1590, 2.3866, 27.9246

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.2050, 6.3079, 76.9962 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, 111, 171)` looks like.

```
.text, #text, p{  
    color:rgb(246, 111, 171)  
}
```

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, 111, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 111, 171) }
```

Border

The CSS property to change the border of an element to YUV 158.2050, 6.3079, 76.9962 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, 111, 171) }
```


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

```
.border{ border-color:rgb(246, 111, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 111, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 111, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 111, 171);  
box-shadow:4px 4px 4px 4px rgb(246, 111,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 158.2050, 6.3079, 76.9962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 111, 171) }
```

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

```
.background{ background-color: rgb(246,  
111, 171) }
```

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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