

Converting Colors

YUV(158.3480, -0.6646,
73.3628)

Have a look what the booklet for
YUV(158.3480, -0.6646, 73.3628)
contains.

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Color

**YUV(158.3480, -0.6646,
73.3628)**

Conversions

Conversions Part 1

Format	Color
Hex	F2749D
RGB	242, 116, 157
RGB Percent	95%, 45%, 62%
CMY	0.0510, 0.5451, 0.3843
CMYK	0.00, 0.52, 0.35, 0.05
HSL	340°, 83%, 70%
HSV	340°, 52%, 95%
XYZ	48.9491, 33.8023, 35.8429
YIQ	158.3480, 61.9350, 39.4630

Conversions

Conversions Part 2

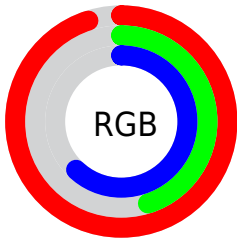
Format	Color
R _Y B	242, 116, 157
Decimal	15889565
CIE Lab	64.81, 52.48, 1.22
CIE LCh	65, 52.495, 1.337
Yxy	33.8023, 0.4127, 0.2850
Android (android.graphics.Color)	4294079645 (0xFFFF2749D)
YUV	158.3480, -0.6646, 73.3628
Hunter-Lab	58.1398, 48.5384, 4.1459

Details

The YUV color **158.3480, -0.6646, 73.3628** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **199.6520, 0.6646, -73.3628**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.6760, 5.0897, 47.6421**, and **102.3090, 1.8197, 69.8890** is the 20% darker color. If you saturate the color by 10%, you get **142.4360, -0.7079, 87.3176**, and if you desaturate by 10%, it is **174.2600, -0.6212, 59.4080**.

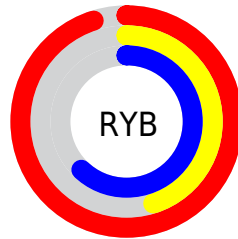
Distribution



Red (95%)

Green (45%)

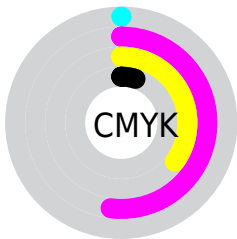
Blue (62%)



Red (95%)

Yellow (45%)

Blue (62%)

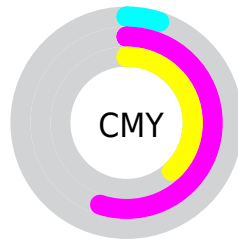


Cyan (0%)

Magenta (52%)

Yellow (35%)

Black (5%)



Cyan (5%)


Magenta (55%)


Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.3480, -0.6646, 73.3628 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 158.3480, -0.6646, 73.3628 by changing the saturation by 10% instead.

 158.3480, -0.6646,
73.3628

 158.3480, -0.6646,
73.3628


255.0000, 0.0000,
0.0000

 130.5650, 0.2145,
71.4185


 200.6760, 5.0897,
47.6421


 102.3090, 1.8197,
69.8890


 221.0050, 9.3645,
29.8136

 73.2920, 4.2930,
69.9039

 239.7380, 7.5242,
13.3848

 44.1010, 7.3452,
70.9484

 33.3350, 2.2998,
55.8342

 22.4550, -3.1823,
40.8200

 12.9710, -5.9017,

26.3354

■ 0.0000, 0.0000,
0.0000

■ 158.3480, -0.6646,
73.3628

■ 158.3480, -0.6646,
73.3628

■ 142.4360, -0.7079,
87.3176

■ 174.2600, -0.6212,
59.4080

■ 126.4100, -1.1881,
101.3724

■ 190.2860, -0.1410,
45.3532

■ 109.9110, -0.9421,
115.8421

■ 206.7850, -0.3870,
30.8836

■ 93.9990, -0.9855,
129.7969

■ 222.6970, -0.3436,
16.9287

■ 81.3640, -1.1655,
140.8778

■ 238.7230, 0.1366,
2.8739

251.1130, 1.9163,
-7.9921

Harmonies

Analogous

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



161.6880, 20.3668, 47.6316



158.3480, -0.6646, 73.3628



156.3270, -22.3462, 74.2582

Triad

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



158.3480, -0.6646, 73.3628



147.5910, -36.7734, -11.9193



129.3840, 54.0407, -113.4698

Complementary

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



158.3480, -0.6646, 73.3628



199.6520, 0.6646, -73.3628

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.



129.0300, 37.4532, -113.1593



158.3480, -0.6646, 73.3628



137.0700, -13.3455, -59.6974

Square

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



158.3480, -0.6646, 73.3628



152.0150, -46.3494, 26.2968



123.6720, 16.9237, -108.4603



143.4420, 53.0261, -67.9166

Rectangle

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



158.3480, -0.6646, 73.3628



155.6450, -34.8280, 64.3323



123.6720, 16.9237, -108.4603



129.5320, 49.5307, -113.5996

Sweetspot

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



158.3480, -0.6646, 73.3628



227.7410, -0.3653, 23.9061



155.4800, 42.6544, 39.0440



111.3870, -0.1908, 14.5696



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.



158.3480, -0.6646, 73.3628



150.0560, -1.0136, 92.0359



166.0010, -24.6505, 66.6511



112.0440, -0.0217, 6.9774



61.8560, -0.9150, 107.1203



18.7960, -0.3924, 32.6279

Inverse Universe

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



158.3480, -0.6646, 73.3628



150.0560, -1.0136, 92.0359



191.9990, 24.6505, -66.6511



112.0440, -0.0217, 6.9774



61.8560, -0.9150, 107.1203



18.7960, -0.3924, 32.6279

Previews

White Background



This preview shows how the YUV color 158.3480, -0.6646, 73.3628 looks on a white background.

Color Contrast Check

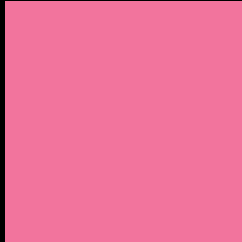
Large Text (above 18pt) WCAG AA × Fail

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 158.3480, -0.6646, 73.3628 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 158.3480, -0.6646, 73.3628

Background



This preview shows how black text looks on a background with the YUV color 158.3480, -0.6646, 73.3628.



This preview shows how white text looks on a background with the YUV color 158.3480, -0.6646,

73.3628.

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

158.3480, -0.6646, 73.3628

Protanopia

157.9530, 11.3622, -4.3438

Deuteranopia

158.7630, -3.8272, 14.2398



Tritanopia

157.6070, -13.6103, 72.2587

Trichromacy



Original Color

158.3480, -0.6646, 73.3628

Protanomaly

157.6900, 7.0548, 23.9509

Deuteranomaly

158.5360, -2.7292, 35.4869

Tritanomaly

157.8720, -8.8109, 72.9033

Monochromacy



Original Color

158.3480, -0.6646, 73.3628

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

158.4640, -0.2288, 26.7801

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.3480, -0.6646, 73.3628 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(242, 116, 157)` looks like.

```
.text, #text, p{  
    color:rgb(242, 116, 157)  
}
```

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(242, 116, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 116, 157) }
```

Border

The CSS property to change the border of an element to YUV 158.3480, -0.6646, 73.3628 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(242, 116, 157) }
```


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

```
.border{ border-color:rgb(242, 116, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 116, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 116, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 116, 157);  
box-shadow:4px 4px 4px 4px rgb(242, 116,  
157) }
```

Background

The CSS property to change the background color of an element to YUV 158.3480, -0.6646, 73.3628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 116, 157) }
```

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

```
.background{ background-color: rgb(242,  
116, 157) }
```

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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