

Converting Colors

YUV(158.3740, 3.2666, 72.4630)

Have a look what the booklet for
YUV(158.3740, 3.2666, 72.4630)
contains.

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Color

**YUV(158.3740, 3.2666,
72.4630)**

Conversions

Conversions Part 1

Format	Color
Hex	F173A5
RGB	241, 115, 165
RGB Percent	95%, 45%, 65%
CMY	0.0549, 0.5490, 0.3529
CMYK	0.00, 0.52, 0.32, 0.05
HSL	336°, 82%, 70%
HSV	336°, 52%, 95%
XYZ	49.1979, 33.6789, 39.5050
YIQ	158.3740, 59.0460, 42.2620

Conversions

Conversions Part 2

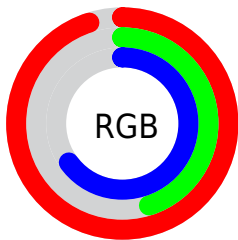
Format	Color
R_{YB}	241, 115, 165
Decimal	15823781
CIE _{Lab}	64.71, 53.58, -3.50
CIE _{LCh}	65, 53.697, 356.266
Yxy	33.6789, 0.4020, 0.2752
Android (android.graphics.Color)	4294013861 (0xFFFF173A5)
YUV	158.3740, 3.2666, 72.4630
Hunter-Lab	58.0335, 49.7648, 0.2631

Details

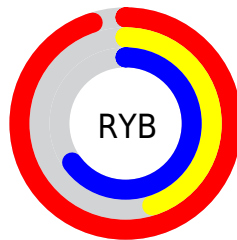
The YUV color **158.3740, 3.2666, 72.4630** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **197.6260, -3.2666, -72.4630**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.1150, 9.3103, 47.2571**, and **102.5200, 5.1666, 69.7040** is the 20% darker color. If you saturate the color by 10%, you get **142.5760, 3.6600, 86.3178**, and if you desaturate by 10%, it is **174.1720, 2.8732, 58.6082**.

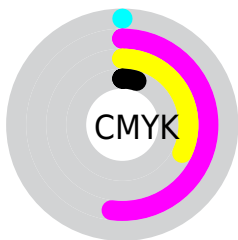
Distribution



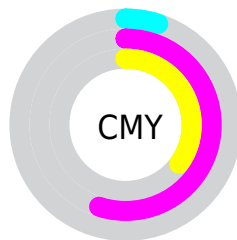
- Red (95%)
- Green (45%)
- Blue (65%)



- Red (95%)
- Yellow (45%)
- Blue (65%)



- Cyan (0%)
- Magenta (52%)
- Yellow (32%)
- Black (5%)



- Cyan (5%)
- Magenta (55%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the YUV color 158.3740, 3.2666, 72.4630 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 158.3740, 3.2666, 72.4630 by changing the saturation by 10% instead.

 158.3740, 3.2666,
72.4630


 158.3740, 3.2666,
72.4630


255.0000, 0.0000,
0.0000


 130.5910, 4.1456,
70.5187

 201.1150, 9.3103,
47.2571

 102.5200, 5.1666,
69.7040


 221.3300, 13.1483,
29.5286

 72.9160, 7.9294,
70.2337

 239.1510, 7.8136,
13.8996

 44.6000, 10.5502,
69.6338

 33.7200, 5.0680,
54.6196

 23.2530, -0.1247,
40.1201

 12.9710, -5.9017,

26.3354

■ 0.0000, 0.0000,
0.0000

■ 158.3740, 3.2666,
72.4630

■ 158.3740, 3.2666,
72.4630

■ 142.5760, 3.6600,
86.3178

■ 174.1720, 2.8732,
58.6082

■ 126.8920, 4.4902,
100.0727

■ 189.8560, 2.0430,
44.8533

■ 111.0940, 4.8837,
113.9276

■ 205.6540, 1.6496,
30.9984

■ 95.4100, 5.7139,
127.6824

■ 221.3380, 0.8194,
17.2436

■ 83.0030, 6.4075,
138.5634

■ 237.1360, 0.4260,
3.3887

250.4720, 0.7533,
-8.3069

250.8140, 2.0637,
-8.6069

Harmonies

Analogous

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



161.3930, 24.4563, 42.6283



158.3740, 3.2666, 72.4630



156.1470, -19.2995, 77.0471

Triad

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



158.3740, 3.2666, 72.4630



148.0110, -40.4314, -5.2716



129.6290, 52.4409, -113.6846

Complementary

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



158.3740, 3.2666, 72.4630



197.6260, -3.2666, -72.4630

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.



128.2320, 34.3956, -112.4595



158.3740, 3.2666, 72.4630



138.7460, -18.6088, -51.5202

Square

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



158.3740, 3.2666, 72.4630



152.1190, -47.3867, 32.3446



122.6460, 12.9925, -107.5605



127.8010, 61.7231, -104.1885

Rectangle

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



158.3740, 3.2666, 72.4630



155.2480, -32.6603, 69.0655



122.6460, 12.9925, -107.5605



130.1360, 46.7680, -114.1293

Sweetspot

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



158.3740, 3.2666, 72.4630



228.0830, 0.9451, 23.6062



152.0880, 43.8336, 34.1258



111.6150, 0.6828, 14.3696



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.



158.3740, 3.2666, 72.4630



149.4350, 4.2225, 92.5805



160.3050, -22.3354, 70.7695



112.1580, 0.4151, 6.8774



63.3380, 4.7634, 105.8206



19.2520, 1.3548, 32.2280

Inverse Universe

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



158.3740, 3.2666, 72.4630



149.4350, 4.2225, 92.5805



195.6950, 22.3354, -70.7695



112.1580, 0.4151, 6.8774



63.3380, 4.7634, 105.8206



19.2520, 1.3548, 32.2280

Previews

White Background



This preview shows how the YUV color 158.3740, 3.2666, 72.4630 looks on a white background.

Color Contrast Check

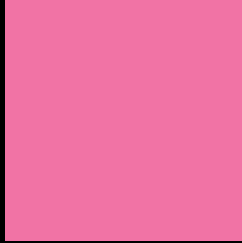
Large Text (above 18pt) WCAG AA × Fail

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 158.3740, 3.2666, 72.4630 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 158.3740, 3.2666, 72.4630

Background



This preview shows how black text looks on a background with the YUV color 158.3740, 3.2666, 72.4630.



This preview shows how white text looks on a background with the YUV color 158.3740, 3.2666,

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

158.3740, 3.2666, 72.4630

Protanopia

158.1960, 16.1724, -7.1879

Deuteranopia

158.7780, 0.1094, 11.5957



Tritanopia

157.5960, -13.6048, 70.5143

Trichromacy



Original Color

158.3740, 3.2666, 72.4630



Protanomaly

158.2320, 11.7176, 21.7215



Deuteranomaly

158.8500, 1.0600, 33.4576



Tritanomaly

157.6160, -7.2057, 71.3738

Monochromacy



Original Color

158.3740, 3.2666, 72.4630



Achromatopsia

158.0000, 0.0000, 0.0000



Achromatomaly

157.9200, 1.5184, 26.3802

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.3740, 3.2666, 72.4630 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(241, 115, 165)` looks like.

```
.text, #text, p{  
    color:rgb(241, 115, 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(241, 115, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 115, 165) }
```

Border

The CSS property to change the border of an element to YUV 158.3740, 3.2666, 72.4630 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(241, 115, 165) }
```


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

```
.border{ border-color:rgb(241, 115, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 115, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 115, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 115, 165);  
box-shadow:4px 4px 4px 4px rgb(241, 115,  
165) }
```

Background

The CSS property to change the background color of an element to YUV 158.3740, 3.2666, 72.4630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 115, 165) }
```

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

```
.background{ background-color: rgb(241,  
115, 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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