

Converting Colors

YUV(176.4740, 11.5983,
60.0973)

Have a look what the booklet for
YUV(176.4740, 11.5983, 60.0973)
contains.

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Color

**YUV(176.4740, 11.5983,
60.0973)**

Conversions

Conversions Part 1

Format	Color
Hex	F589C8
RGB	245, 137, 200
RGB Percent	96%, 54%, 78%
CMY	0.0392, 0.4627, 0.2157
CMYK	0.00, 0.44, 0.18, 0.04
HSL	325°, 84%, 75%
HSV	325°, 44%, 96%
XYZ	57.0272, 41.4739, 59.6432
YIQ	176.4740, 44.1450, 42.4890

Conversions

Conversions Part 2

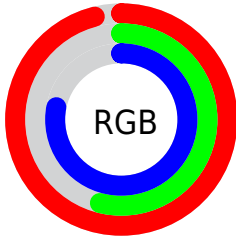
Format	Color
R _Y B	245, 137, 200
Decimal	16091592
CIE Lab	70.51, 48.84, -14.49
CIE LCh	71, 50.945, 343.472
Yxy	41.4739, 0.3606, 0.2623
Android (android.graphics.Color)	4294281672 (0xFFFF589C8)
YUV	176.4740, 11.5983, 60.0973
Hunter-Lab	64.4003, 45.3634, -9.8302

Details

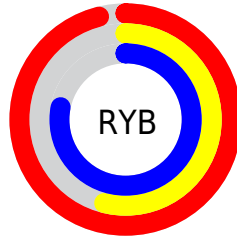
The YUV color **176.4740, 11.5983, 60.0973** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **205.5260, -11.5983, -60.0973**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.6060, 17.9422, 31.9175**, and **121.2780, 12.1879, 57.6382** is the 20% darker color. If you saturate the color by 10%, you get **161.2460, 14.1757, 73.4523**, and if you desaturate by 10%, it is **192.2890, 8.7315, 46.2275**.

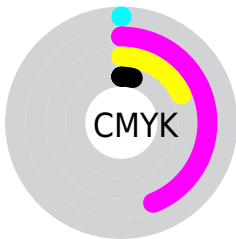
Distribution



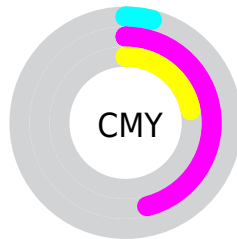
- Red (96%)
- Green (54%)
- Blue (78%)



- Red (96%)
- Yellow (54%)
- Blue (78%)



- Cyan (0%)
- Magenta (44%)
- Yellow (18%)
- Black (4%)




- Cyan (4%)
- Magenta (46%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the YUV color 176.4740, 11.5983, 60.0973 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 176.4740, 11.5983, 60.0973 by changing the saturation by 10% instead.


 176.4740, 11.5983,
60.0973

 176.4740, 11.5983,
60.0973


255.0000, 0.0000,
0.0000


 148.8760, 11.8931,
58.8677


 218.6060, 17.9422,
31.9175

 121.2780, 12.1879,
57.6382


 235.0420, 9.8393,
17.5032

 94.3810, 12.6302,
55.7939

 252.0650, 1.4470,
2.5740

 66.4350, 14.0825,
56.6235

 39.0050, 16.2665,
56.1236

 28.6090, 10.0528,
42.4389

 19.4520, 4.7072,

30.2986

■ 5.3820, -2.6533,
11.0660

■ 0.0000, 0.0000,
0.0000

■ 176.4740, 11.5983,
60.0973

■ 176.4740, 11.5983,
60.0973

■ 161.2460, 14.1757,
73.4523

■ 192.2890, 8.7315,
46.2275

■ 145.4310, 17.0425,
87.3220

■ 207.5170, 6.1541,
32.8726

■ 129.5020, 19.4725,
101.2917

■ 223.4460, 3.7241,
18.9029

■ 114.2740, 22.0499,
114.6467

■ 238.6740, 1.1467,
5.5479

■ 98.4590, 24.9167,
128.5165

■ 251.5540, -0.2731,
-5.7479

■ 89.5570, 26.3474,
136.3235

■ 252.0100, 1.4741,
-6.1478

Harmonies

Analogous

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



177.2810, 30.9205, 22.5556



176.4740, 11.5983, 60.0973



172.3450, -9.5371, 72.4884

Triad

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



176.4740, 11.5983, 60.0973



166.7250, -43.2484, 11.6422



140.0810, 46.7951, -122.8510

Complementary

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



176.4740, 11.5983, 60.0973



205.5260, -11.5983, -60.0973

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.



137.0540, 27.5814, -120.1964



176.4740, 11.5983, 60.0973



160.3700, -28.2834, -28.3885

Square

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



176.4740, 11.5983, 60.0973



169.9340, -43.3515, 44.7849



146.2550, -0.6187, -81.7846



137.6650, 57.8462, -120.7322

Rectangle

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



176.4740, 11.5983, 60.0973



171.9740, -23.6512, 72.8138



146.2550, -0.6187, -81.7846



139.7730, 40.5379, -122.5809

Sweetspot

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



176.4740, 11.5983, 60.0973



234.0330, 3.4347, 18.3881



162.7670, 40.5409, 16.8673



114.6470, 2.1460, 11.7106



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.



176.4740, 11.5983, 60.0973



169.3710, 14.6071, 75.0966



170.3180, -11.9888, 65.4961



114.3860, 1.2887, 6.6775



68.0400, 20.1933, 103.4509



21.5170, 6.1541, 32.8726

Inverse Universe

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



176.4740, 11.5983, 60.0973



169.3710, 14.6071, 75.0966



211.6820, 11.9888, -65.4961



114.3860, 1.2887, 6.6775



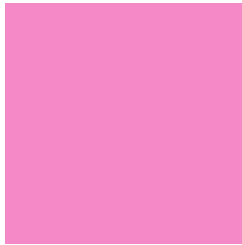
68.0400, 20.1933, 103.4509



21.5170, 6.1541, 32.8726

Previews

White Background



This preview shows how the YUV color 176.4740, 11.5983, 60.0973 looks on a white background.

Color Contrast Check

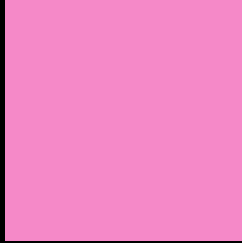
Large Text (above 18pt) WCAG AA × Fail

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 176.4740, 11.5983, 60.0973 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

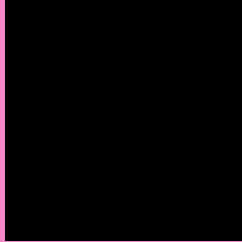
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 176.4740, 11.5983, 60.0973

Background



This preview shows how black text looks on a background with the YUV color 176.4740, 11.5983, 60.0973.



This preview shows how white text looks on a background with the YUV color 176.4740, 11.5983, 60.0973.

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

176.4740, 11.5983, 60.0973

Protanopia

173.3400, 24.4824, -12.5762

Deuteranopia

174.3670, 10.1721, 4.0631



Tritanopia

175.2460, -9.4883, 56.7893

Trichromacy



Original Color

176.4740, 11.5983, 60.0973



Protanomaly

174.6530, 19.8911, 13.4593



Deuteranomaly

175.3140, 10.6912, 24.2806



Tritanomaly

175.9070, -1.9262, 57.9636

Monochromacy



Original Color

176.4740, 11.5983, 60.0973



Achromatopsia

176.0000, 0.0000, 0.0000



Achromatomaly

176.2830, 4.2975, 21.6768

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.4740, 11.5983, 60.0973 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(245, 137, 200)` looks like.

```
.text, #text, p{  
    color:rgb(245, 137, 200)  
}
```

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(245, 137, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 137, 200) }
```

Border

The CSS property to change the border of an element to YUV 176.4740, 11.5983, 60.0973 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(245, 137, 200) }
```


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

```
.border{ border-color:rgb(245, 137, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 137, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 137, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 137, 200);  
box-shadow:4px 4px 4px 4px rgb(245, 137,  
200) }
```

Background

The CSS property to change the background color of an element to YUV 176.4740, 11.5983, 60.0973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 137, 200) }
```

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

```
.background{ background-color: rgb(245,  
137, 200) }
```

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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