

Converting Colors

YUV(171.9270, 4.4730, 58.8230)

Have a look what the booklet for
YUV(171.9270, 4.4730, 58.8230)
contains.

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Color

**YUV(171.9270, 4.4730,
58.8230)**

Conversions

Conversions Part 1

Format	Color
Hex	EF88B5
RGB	239, 136, 181
RGB Percent	94%, 53%, 71%
CMY	0.0627, 0.4667, 0.2902
CMYK	0.00, 0.43, 0.24, 0.06
HSL	334°, 76%, 74%
HSV	334°, 43%, 94%
XYZ	52.7413, 39.2952, 48.5210
YIQ	171.9270, 46.9430, 35.8310

Conversions

Conversions Part 2

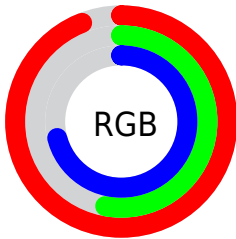
Format	Color
R _Y B	239, 136, 181
Decimal	15698101
CIE Lab	68.96, 44.65, -6.27
CIE LCh	69, 45.085, 352.002
Yxy	39.2952, 0.3752, 0.2796
Android (android.graphics.Color)	4293888181 (0xFFEF88B5)
YUV	171.9270, 4.4730, 58.8230
Hunter-Lab	62.6859, 40.4819, -2.0123

Details

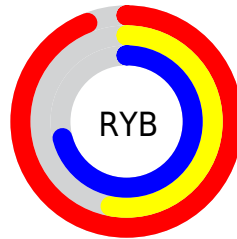
The YUV color **171.9270, 4.4730, 58.8230** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **203.0730, -4.4730, -58.8230**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.3800, 10.6587, 34.7467**, and **117.4320, 5.2100, 55.7491** is the 20% darker color. If you saturate the color by 10%, you get **156.3570, 5.7400, 72.4779**, and if you desaturate by 10%, it is **187.4970, 3.2060, 45.1681**.

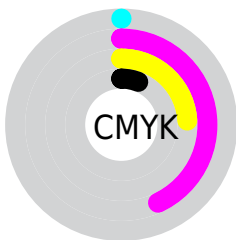
Distribution



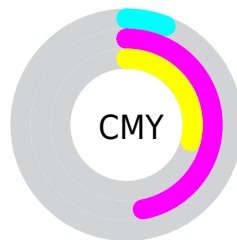
- Red (94%)
- Green (53%)
- Blue (71%)



- Red (94%)
- Yellow (53%)
- Blue (71%)



- Cyan (0%)
- Magenta (43%)
- Yellow (24%)
- Black (6%)




- Cyan (6%)
- Magenta (47%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.9270, 4.4730, 58.8230 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 171.9270, 4.4730, 58.8230 by changing the saturation by 10% instead.


 171.9270, 4.4730,
58.8230


 171.9270, 4.4730,
58.8230

255.0000, 0.0000,
0.0000


 144.3290, 4.7678,
57.5935


 215.3800, 10.6587,
34.7467


 117.4320, 5.2100,
55.7491


 234.4550, 10.1287,
18.0180

 90.9480, 5.9416,
54.4196

 251.4780, 1.7363,
3.0888

 63.9910, 7.3994,
53.5049

 35.6860, 10.0148,
54.6494

 25.2190, 4.8220,
40.1499

 16.1330, -1.5446,

28.8244

■ 0.0000, 0.0000,
0.0000

■ 171.9270, 4.4730,
58.8230

■ 171.9270, 4.4730,
58.8230

■ 156.3570, 5.7400,
72.4779

■ 187.4970, 3.2060,
45.1681

■ 140.6730, 6.5702,
86.2328

■ 203.1810, 2.3758,
31.4133

■ 125.1030, 7.8372,
99.8877

■ 218.7510, 1.1088,
17.7584

■ 109.4190, 8.6674,
113.6425

■ 234.4350, 0.2785,
4.0035

■ 93.8490, 9.9344,
127.2974

■ 249.4180, -0.6991,
-9.1366

■ 83.3170, 10.1967,
136.5340

■ 250.2160, 2.3585,
-9.8364

Harmonies

Analogous

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



173.1590, 22.5996, 31.4326



171.9270, 4.4730, 58.8230



169.9330, -14.7570, 66.7108

Triad

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



171.9270, 4.4730, 58.8230



161.7220, -35.3589, 1.1208



135.0430, 47.7998, -118.4327

Complementary

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



171.9270, 4.4730, 58.8230



203.0730, -4.4730, -58.8230

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.



133.5150, 31.7911, -117.0927



171.9270, 4.4730, 58.8230



155.9160, -19.6786, -35.0063

Square

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



171.9270, 4.4730, 58.8230



165.5950, -39.2403, 32.8042



142.7800, 6.5175, -83.9991



154.1230, 46.7744, -69.3909

Rectangle

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



171.9270, 4.4730, 58.8230



168.6260, -25.9446, 61.7180



142.7800, 6.5175, -83.9991



135.0770, 42.8530, -118.4625

Sweetspot

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



171.9270, 4.4730, 58.8230



233.4630, 1.2507, 18.8879



164.7850, 36.5880, 24.7446



114.3050, 0.8356, 12.0105



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.



171.9270, 4.4730, 58.8230



168.3790, 5.7292, 75.9666



169.7320, -16.6299, 60.7480



112.1580, 0.4151, 6.8774



64.1360, 7.8210, 105.1207



19.5940, 2.6652, 31.9281

Inverse Universe

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



171.9270, 4.4730, 58.8230



168.3790, 5.7292, 75.9666



205.2680, 16.6299, -60.7480



112.1580, 0.4151, 6.8774



64.1360, 7.8210, 105.1207



19.5940, 2.6652, 31.9281

Previews

White Background



This preview shows how the YUV color 171.9270, 4.4730, 58.8230 looks on a white background.

Color Contrast Check

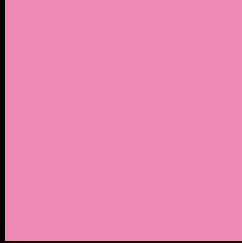
Large Text (above 18pt) WCAG AA × Fail

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 171.9270, 4.4730, 58.8230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

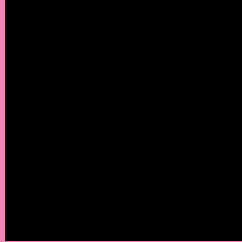
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 171.9270, 4.4730, 58.8230

Background



This preview shows how black text looks on a background with the YUV color 171.9270, 4.4730, 58.8230.



This preview shows how white text looks on a background with the YUV color 171.9270, 4.4730,

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

171.9270, 4.4730, 58.8230

Protanopia

169.3810, 15.5882, -6.4731

Deuteranopia

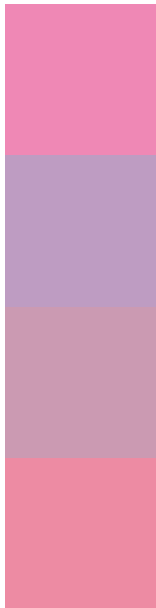
170.7500, 2.5882, 9.8663



Tritanopia

170.6590, -9.1989, 57.3041

Trichromacy



Original Color

171.9270, 4.4730, 58.8230

Protanomaly

170.4980, 11.5865, 17.1033

Deuteranomaly

171.3870, 3.2602, 27.7246

Tritanomaly

171.0380, -3.9627, 57.8487

Monochromacy



Original Color

171.9270, 4.4730, 58.8230

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

171.8870, 1.5347, 21.1471

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.9270, 4.4730, 58.8230 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(239, 136, 181)` looks like.

```
.text, #text, p{  
    color:rgb(239, 136, 181)  
}
```

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(239, 136, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 136, 181) }
```

Border

The CSS property to change the border of an element to YUV 171.9270, 4.4730, 58.8230 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(239, 136, 181) }
```


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

```
.border{ border-color:rgb(239, 136, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 136, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 136, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 136, 181);  
box-shadow:4px 4px 4px 4px rgb(239, 136,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 171.9270, 4.4730, 58.8230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 136, 181) }
```

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

```
.background{ background-color: rgb(239,  
136, 181) }
```

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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