

Converting Colors

YUV(180.8200, 16.8507,
55.4089)

Have a look what the booklet for
YUV(180.8200, 16.8507, 55.4089)
contains.

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Color

**YUV(180.8200, 16.8507,
55.4089)**

Conversions

Conversions Part 1

Format	Color
Hex	F48ED7
RGB	244, 142, 215
RGB Percent	96%, 56%, 84%
CMY	0.0431, 0.4431, 0.1569
CMYK	0.00, 0.42, 0.12, 0.04
HSL	317°, 82%, 76%
HSV	317°, 42%, 96%
XYZ	59.2470, 43.4854, 69.5608
YIQ	180.8200, 37.3590, 44.3270

Conversions

Conversions Part 2

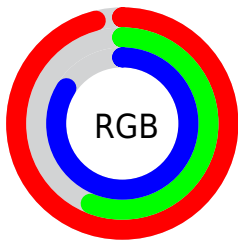
Format	Color
R_{YB}	244, 142, 215
Decimal	16027351
CIE _{Lab}	71.88, 48.31, -20.73
CIE _{LCh}	72, 52.569, 336.776
Yxy	43.4854, 0.3439, 0.2524
Android (android.graphics.Color)	4294217431 (0xFFFF48ED7)
YUV	180.8200, 16.8507, 55.4089
Hunter-Lab	65.9435, 44.9725, -16.3820

Details

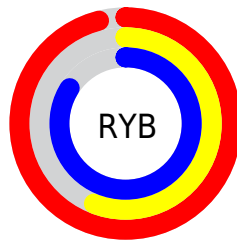
The YUV color **180.8200, 16.8507, 55.4089** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **205.1800, -16.8507, -55.4089**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.5410, 16.4953, 29.3435**, and **126.0970, 16.7142, 52.5349** is the 20% darker color. If you saturate the color by 10%, you get **165.9340, 20.7385, 68.4639**, and if you desaturate by 10%, it is **195.7060, 12.9629, 42.3538**.

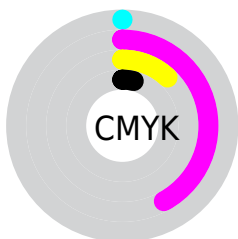
Distribution



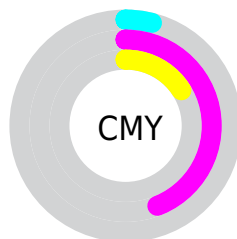
- Red (96%)
- Green (56%)
- Blue (84%)



- Red (96%)
- Yellow (56%)
- Blue (84%)



- Cyan (0%)
- Magenta (42%)
- Yellow (12%)
- Black (4%)




- Cyan (4%)
- Magenta (44%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the YUV color 180.8200, 16.8507, 55.4089 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 180.8200, 16.8507, 55.4089 by changing the saturation by 10% instead.

 180.8200, 16.8507,
55.4089

 180.8200, 16.8507,
55.4089


255.0000, 0.0000,
0.0000


 153.1080, 16.7088,
54.2793


 221.5410, 16.4953,
29.3435


 126.0970, 16.7142,
52.5349

 237.9770, 8.3923,
14.9292

 98.9120, 17.2984,
51.8202

 71.7270, 17.8826,
51.1054

 40.3730, 21.5081,
54.9239

 29.9770, 15.2943,
41.2392

 20.2930, 9.2226,

28.6840

■ 8.4020, 3.7458,
11.9254

■ 0.0000, 0.0000,
0.0000

■ 180.8200, 16.8507,
55.4089

■ 180.8200, 16.8507,
55.4089

■ 165.9340, 20.7385,
68.4639

■ 195.7060, 12.9629,
42.3538

■ 150.4610, 24.9157,
82.0337

■ 211.1790, 8.7858,
28.7840

■ 135.5750, 28.8035,
95.0887

■ 226.0650, 4.8980,
15.7290

■ 120.1020, 32.9807,
108.6585

■ 241.5380, 0.7208,
2.1592

■ 105.2160, 36.8685,
121.7136

■ 251.1410, -0.5625,
-6.2627

■ 92.9060, 40.4723,
132.5094

■ 251.7110, 1.6215,
-6.7625

Harmonies

Analogous

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



180.1810, 35.8998, 12.1193



180.8200, 16.8507, 55.4089



174.5280, -3.7113, 70.5739

Triad

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



180.8200, 16.8507, 55.4089



170.6830, -46.1857, 20.4490



143.2610, 43.7483, -125.6399

Complementary

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



180.8200, 16.8507, 55.4089



205.1800, -16.8507, -55.4089

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.



139.1910, 23.0768, -122.0705



180.8200, 16.8507, 55.4089



165.2310, -34.1309, -19.4966

Square

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



180.8200, 16.8507, 55.4089



174.2170, -42.5050, 53.3067



153.9700, -8.3662, -70.1337



141.1870, 56.1098, -123.8210

Rectangle

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



180.8200, 16.8507, 55.4089



173.3420, -18.4096, 71.6141



153.9700, -8.3662, -70.1337



142.2520, 37.3438, -124.7550

Sweetspot

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



180.8200, 16.8507, 55.4089



234.6030, 5.6187, 17.8882



162.2990, 40.2786, 7.6308



114.9890, 3.4564, 11.4106



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.



180.8200, 16.8507, 55.4089



176.3470, 21.0279, 68.9787



175.0060, -5.4260, 60.5077



114.6140, 2.1623, 6.4775



70.7760, 30.6764, 101.0514



22.4290, 9.6485, 32.0728

Inverse Universe

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



180.8200, 16.8507, 55.4089



176.3470, 21.0279, 68.9787



210.9940, 5.4260, -60.5077



114.6140, 2.1623, 6.4775



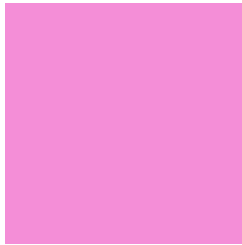
70.7760, 30.6764, 101.0514



22.4290, 9.6485, 32.0728

Previews

White Background



This preview shows how the YUV color 180.8200, 16.8507, 55.4089 looks on a white background.

Color Contrast Check

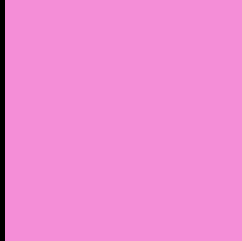
Large Text (above 18pt) WCAG AA × Fail

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 180.8200, 16.8507, 55.4089 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

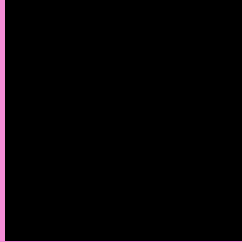
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 180.8200, 16.8507, 55.4089

Background



This preview shows how black text looks on a background with the YUV color 180.8200, 16.8507, 55.4089.



This preview shows how white text looks on a background with the YUV color 180.8200, 16.8507,

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

180.8200, 16.8507, 55.4089

Protanopia

176.5120, 30.3136, -16.2350

Deuteranopia

178.1260, 15.7139, -0.1105



Tritanopia

179.0820, -7.4354, 51.6711

Trichromacy



Original Color

180.8200, 16.8507, 55.4089



Protanomaly

177.8250, 25.7223, 9.8005



Deuteranomaly

179.0730, 16.2330, 20.1070



Tritanomaly

179.4980, 1.7265, 53.0603

Monochromacy



Original Color

180.8200, 16.8507, 55.4089



Achromatopsia

181.0000, 0.0000, 0.0000



Achromatomaly

181.0270, 5.9027, 20.1473

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.8200, 16.8507, 55.4089 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(244, 142, 215)` looks like.

```
.text, #text, p{  
    color:rgb(244, 142, 215)  
}
```

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(244, 142, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 142, 215) }
```

Border

The CSS property to change the border of an element to YUV 180.8200, 16.8507, 55.4089 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(244, 142, 215) }
```


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

```
.border{ border-color:rgb(244, 142, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 142, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 142, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 142, 215);  
box-shadow:4px 4px 4px 4px rgb(244, 142,  
215) }
```

Background

The CSS property to change the background color of an element to YUV 180.8200, 16.8507, 55.4089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 142, 215) }
```

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

```
.background{ background-color: rgb(244,  
142, 215) }
```

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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