

Converting Colors

YUV(179.1850, 16.6708,
66.4898)

Have a look what the booklet for
YUV(179.1850, 16.6708, 66.4898)
contains.

YUV(179.1850, 16.6708, 66.4898)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(179.1850, 16.6708,
66.4898)**

Conversions

Conversions Part 1

Format	Color
Hex	FF86D5
RGB	255, 134, 213
RGB Percent	100%, 53%, 84%
CMY	0.0000, 0.4745, 0.1647
CMYK	0.00, 0.47, 0.16, 0.00
HSL	321°, 100%, 76%
HSV	321°, 47%, 100%
XYZ	61.7753, 43.1143, 68.0168
YIQ	179.1850, 46.7570, 50.2210

Conversions

Conversions Part 2

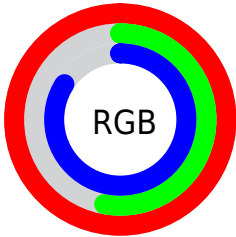
Format	Color
R_{YB}	255, 134, 213
Decimal	16746197
CIE _{Lab}	71.63, 55.38, -19.88
CIE _{LCh}	72, 58.840, 340.256
Yxy	43.1143, 0.3573, 0.2494
Android (android.graphics.Color)	4294936277 (0xFFFF86D5)
YUV	179.1850, 16.6708, 66.4898
Hunter-Lab	65.6615, 53.0280, -15.4537

Details

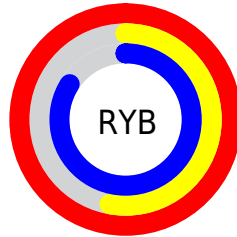
The YUV color **179.1850, 16.6708, 66.4898** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **209.8150, -16.6708, -66.4898**, and the grayscale version is **179.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.8450, 18.8104, 33.4619**, and **122.9890, 17.2604, 64.0306** is the 20% darker color. If you saturate the color by 10%, you get **163.4840, 19.9744, 80.2595**, and if you desaturate by 10%, it is **195.4730, 13.0778, 52.2052**.

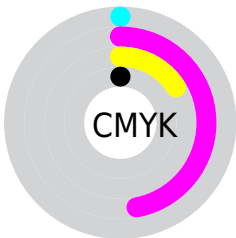
Distribution



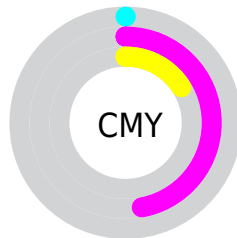
- Red (100%)
- Green (53%)
- Blue (84%)



- Red (100%)
- Yellow (53%)
- Blue (84%)



- Cyan (0%)
- Magenta (47%)
- Yellow (16%)
- Black (0%)





- Cyan (0%)
- Magenta (47%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the YUV color 179.1850, 16.6708, 66.4898 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 179.1850, 16.6708, 66.4898 by changing the saturation by 10% instead.


 179.1850, 16.6708,
66.4898


 179.1850, 16.6708,
66.4898


255.0000, 0.0000,
0.0000


 151.1740, 16.6762,
64.7454


 216.8450, 18.8104,
33.4619


 122.9890, 17.2604,
64.0306


 233.8680, 10.4181,
18.5328

 94.9180, 18.2814,
63.2159

 250.8910, 2.0257,
3.6036

 63.1510, 21.6176,
66.5196

 42.5370, 19.4553,
60.0421

 31.8420, 13.3889,
45.7426

 22.1580, 7.3171,

33.1874

■ 10.8650, 1.5456,
17.6584

■ 0.0000, 0.0000,
0.0000

■ 179.1850, 16.6708,
66.4898

■ 179.1850, 16.6708,
66.4898

■ 163.4840, 19.9744,
80.2595

■ 195.4730, 13.0778,
52.2052

■ 147.1960, 23.5674,
94.5441

■ 211.1740, 9.7742,
38.4354

■ 131.4950, 26.8710,
108.3139

■ 227.4620, 6.1812,
24.1508

■ 115.3210, 30.9007,
122.4985

■ 243.0490, 2.4408,
10.4810

■ 99.6200, 34.2043, 255.0000, 0.0000,
136.2683 0.0000

■ 95.1690, 34.9197,
140.1718

Harmonies

Analogous

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



180.1650, 36.8937, 20.0263



179.1850, 16.6708, 66.4898



169.5070, -5.1800, 74.9774

Triad

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



179.1850, 16.6708, 66.4898



168.4670, -51.9952, 17.1304



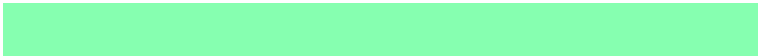
145.2160, 48.7005, -127.3544

Complementary

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



179.1850, 16.6708, 66.4898



209.8150, -16.6708, -66.4898

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.



140.5760, 25.8450, -123.2852



179.1850, 16.6708, 66.4898



161.7200, -35.8510, -27.8184

Square

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



179.1850, 16.6708, 66.4898



172.0940, -49.3463, 54.2916



140.1940, -1.5746, -101.9021



141.1870, 56.1098, -123.8210

Rectangle

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



179.1850, 16.6708, 66.4898



169.0390, -22.2042, 75.3878



140.1940, -1.5746, -101.9021



143.9790, 41.4224, -126.2696

Sweetspot

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



179.1850, 16.6708, 66.4898



232.5000, 5.1765, 19.7325



159.7540, 46.9563, 12.4937



114.1740, 2.8722, 12.1254



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.



179.1850, 16.6708, 66.4898



164.1850, 20.1218, 79.6448



172.4590, -9.1003, 72.3885



119.7990, 1.5781, 7.1923



71.3590, 26.4450, 104.9252



23.9240, 8.9115, 35.1467

Inverse Universe

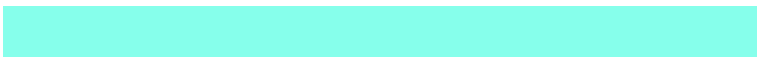
The Inverse Universe completely reimagines the original color for something new.



179.1850, 16.6708, 66.4898



164.1850, 20.1218, 79.6448



216.5410, 9.1003, -72.3885



119.7990, 1.5781, 7.1923



71.3590, 26.4450, 104.9252



23.9240, 8.9115, 35.1467

Previews

White Background



This preview shows how the YUV color 179.1850, 16.6708, 66.4898 looks on a white background.

Color Contrast Check

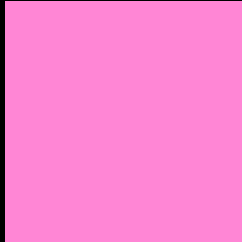
Large Text (above 18pt) WCAG AA × Fail

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 179.1850, 16.6708, 66.4898 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

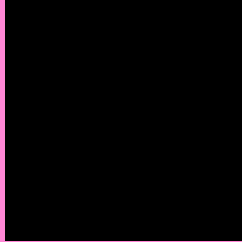
Any Text WCAG AA ✓ Pass

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 179.1850, 16.6708, 66.4898 Background



This preview shows how black text looks on a background with the YUV color 179.1850, 16.6708, 66.4898.



This preview shows how white text looks on a background with the YUV color 179.1850, 16.6708, 66.4898.

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

179.1850, 16.6708, 66.4898

Protanopia

176.2560, 31.9188, -17.7645

Deuteranopia

177.7840, 14.4035, 0.1894



Tritanopia

178.0510, -10.3781, 62.2223

Trichromacy



Original Color

179.1850, 16.6708, 66.4898



Protanomaly

177.0750, 26.5850, 13.0892



Deuteranomaly

178.1660, 15.2012, 24.4104



Tritanomaly

178.5810, -0.7794, 63.5115

Monochromacy



Original Color

179.1850, 16.6708, 66.4898



Achromatopsia

179.0000, 0.0000, 0.0000



Achromatomaly

179.3480, 5.7444, 24.2508

CSS Examples

Text

The CSS property to change the color of the text to YUV 179.1850, 16.6708, 66.4898 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(255, 134, 213)` looks like.

```
.text, #text, p{  
    color:rgb(255, 134, 213)  
}
```

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(255, 134, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 134, 213) }
```

Border

The CSS property to change the border of an element to YUV 179.1850, 16.6708, 66.4898 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(255, 134, 213) }
```


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

```
.border{ border-color:rgb(255, 134, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 134, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 134, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 134, 213);  
box-shadow:4px 4px 4px 4px rgb(255, 134,  
213) }
```

Background

The CSS property to change the background color of an element to YUV 179.1850, 16.6708, 66.4898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 134, 213) }
```

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

```
.background{ background-color: rgb(255,  
134, 213) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor