

Converting Colors

YUV(106.8170, 8.4712,
129.9565)

Have a look what the booklet for
YUV(106.8170, 8.4712, 129.9565)
contains.

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Color

**YUV(106.8170, 8.4712,
129.9565)**

Conversions

Conversions Part 1

Format	Color
Hex	FF1C7C
RGB	255, 28, 124
RGB Percent	100%, 11%, 49%
CMY	0.0000, 0.8902, 0.5137
CMYK	0.00, 0.89, 0.51, 0.00
HSL	335°, 100%, 55%
HSV	335°, 89%, 100%
XYZ	45.2933, 23.5457, 21.2263
YIQ	106.8170, 104.4760, 77.9800

Conversions

Conversions Part 2

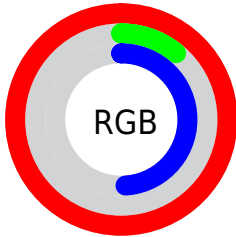
Format	Color
RYB	255, 28, 124
Decimal	16718972
CIELab	55.63, 81.79, 7.53
CIELCh	56, 82.139, 5.262
Yxy	23.5457, 0.5029, 0.2614
Android (android.graphics.Color)	4294909052 (0xFFFF1C7C)
YUV	106.8170, 8.4712, 129.9565
Hunter-Lab	48.5240, 81.6990, 8.0309

Details

The YUV color **106.8170, 8.4712, 129.9565** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark washed rose. A complement of this color would be **176.1830, -8.4712, -129.9565**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.5310, 8.6122, 84.6033**, and **65.7730, 5.0419, 109.8241** is the 20% darker color. If you saturate the color by 10%, you get **90.4320, 9.1540, 144.3261**, and if you desaturate by 10%, it is **123.7890, 7.4990, 115.0720**.

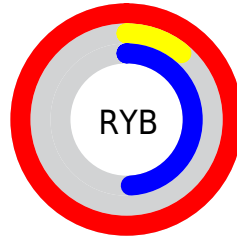
Distribution



Red (100%)

Green (11%)

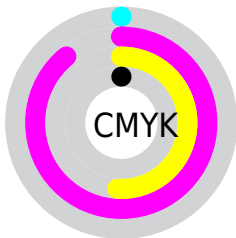
Blue (49%)



Red (100%)

Yellow (11%)

Blue (49%)

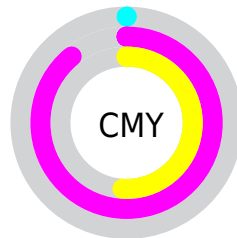


Cyan (0%)

Magenta (89%)

Yellow (51%)

Black (0%)



Cyan (0%)


Magenta (89%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the YUV color 106.8170, 8.4712, 129.9565 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 106.8170, 8.4712, 129.9565 by changing the saturation by 10% instead.

 106.8170, 8.4712,
129.9565


 106.8170, 8.4712,
129.9565


255.0000, 0.0000,
0.0000


 77.9630, 10.3712,
127.1974


 158.5310, 8.6122,
84.6033


 65.7730, 5.0419,
109.8241


 180.5070, 11.5820,
65.3304

 53.9960, 0.0020,
92.9655


 201.3090, 15.1307,
47.0870

 42.0340, -4.4538,
75.3922

 222.1280, 16.2059,
28.8287

 30.3280, -10.5147,
59.3483

 239.7380, 7.5242,
13.3848

 20.3750, -8.5659,
40.8901

 10.2800, -4.5750,

20.8024

■ 0.0000, 0.0000,
0.0000

■ 106.8170, 8.4712,
129.9565

■ 106.8170, 8.4712,
129.9565

■ 90.4320, 9.1540,
144.3261

■ 123.7890, 7.4990,
115.0720

■ 88.5570, 9.5854,
145.9705

■ 140.0600, 6.3794,
100.8024

■ 157.0320, 5.4072,
85.9179

■ 173.4170, 4.7244,
71.5483

■ 190.3890, 3.7522,
56.6638

■ 206.6600, 2.6326,
42.3942

■ 223.6320, 1.6604,
27.5097

■ 240.0170, 0.9776,
13.1401

■ 255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



126.0840, 33.4826, 87.6263



106.8170, 8.4712, 129.9565



117.6800, -30.9012, 111.6596

Triad

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



106.8170, 8.4712, 129.9565



110.1650, -54.3113, -33.4707



120.6420, 66.2385, -105.8030

Complementary

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



106.8170, 8.4712, 129.9565



176.1830, -8.4712, -129.9565

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.



120.1910, 46.7408, -105.4075



106.8170, 8.4712, 129.9565



101.7860, -16.1635, -89.2663

Square

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



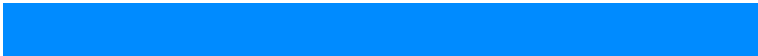
106.8170, 8.4712, 129.9565



124.0950, -61.1788, 22.7187



112.0970, 15.7282, -98.3091



110.6630, 71.1581, -97.0515

Rectangle

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



106.8170, 8.4712, 129.9565



121.5560, -59.9271, 88.0894



112.0970, 15.7282, -98.3091



121.9470, 63.6231, -106.9475

Sweetspot

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



106.8170, 8.4712, 129.9565



209.9370, 2.4961, 39.5203



92.4490, 80.1376, 56.6112



101.1970, 1.3819, 23.5062



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.



106.8170, 8.4712, 129.9565



88.5570, 9.5854, 145.9705



104.6780, -37.8023, 131.8324



119.4570, 0.2677, 7.4922



66.3430, 7.2259, 109.3242



22.2140, 2.3595, 36.6463

Inverse Universe

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



106.8170, 8.4712, 129.9565



88.5570, 9.5854, 145.9705



178.3220, 37.8023, -131.8324



119.4570, 0.2677, 7.4922



66.3430, 7.2259, 109.3242



22.2140, 2.3595, 36.6463

Previews

White Background



This preview shows how the YUV color 106.8170, 8.4712, 129.9565 looks on a white background.

Color Contrast Check

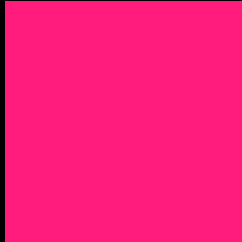
Large Text (above 18pt) WCAG AA ✓ Pass

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 106.8170, 8.4712, 129.9565 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 × Fail

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

YUV 106.8170, 8.4712, 129.9565 Background



This preview shows how black text looks on a background with the YUV color 106.8170, 8.4712, 129.9565.



This preview shows how white text looks on a background with the YUV color 106.8170, 8.4712,

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

106.8170, 8.4712, 129.9565

Protanopia

134.0260, 20.6932, -10.5468

Deuteranopia

134.7650, -10.2371, 16.8691



Tritanopia

113.3160, -28.7498, 121.6259

Trichromacy



Original Color

106.8170, 8.4712, 129.9565



Protanomaly

123.9060, 16.3153, 40.4244



Deuteranomaly

124.5650, -3.2365, 58.2635



Tritanomaly

111.1820, -15.3727, 124.3744

Monochromacy



Original Color

106.8170, 8.4712, 129.9565



Achromatopsia

107.0000, 0.0000, 0.0000



Achromatomaly

106.8070, 3.0531, 47.5273

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.8170, 8.4712, 129.9565 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, 28, 124)` looks like.

```
.text, #text, p{  
    color:rgb(255, 28, 124)  
}
```

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, 28, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 28, 124) }
```

Border

The CSS property to change the border of an element to YUV 106.8170, 8.4712, 129.9565 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, 28, 124) }
```


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

```
.border{ border-color:rgb(255, 28, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 28, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 28, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 28, 124);  
box-shadow:4px 4px 4px 4px rgb(255, 28,  
124) }
```

Background

The CSS property to change the background color of an element to YUV 106.8170, 8.4712, 129.9565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 28, 124) }
```

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

```
.background{ background-color: rgb(255, 28,  
124) }
```

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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