

Converting Colors

YUV(168.9200, -4.8906,
75.4922)

Have a look what the booklet for
YUV(168.9200, -4.8906, 75.4922)
contains.

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Color

**YUV(168.9200, -4.8906,
75.4922)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7F9F
RGB	255, 127, 159
RGB Percent	100%, 50%, 62%
CMY	0.0000, 0.5020, 0.3765
CMYK	0.00, 0.50, 0.38, 0.00
HSL	345°, 100%, 75%
HSV	345°, 50%, 100%
XYZ	55.0874, 38.9419, 37.4140
YIQ	168.9200, 66.0160, 37.0880

Conversions

Conversions Part 2

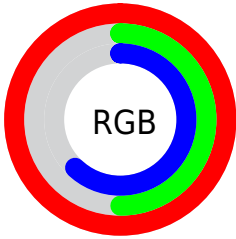
Format	Color
R _Y B	255, 127, 159
Decimal	16744351
CIE Lab	68.71, 51.75, 5.97
CIE LCh	69, 52.094, 6.577
Yxy	38.9419, 0.4191, 0.2963
Android (android.graphics.Color)	4294934431 (0xFFFF7F9F)
YUV	168.9200, -4.8906, 75.4922
Hunter-Lab	62.4035, 48.3668, 8.1351

Details

The YUV color **168.9200, -4.8906, 75.4922** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **213.0800, 4.8906, -75.4922**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.0620, 2.9274, 41.1646**, and **113.4680, -2.6957, 71.5036** is the 20% darker color. If you saturate the color by 10%, you get **152.0790, -5.9549, 90.2617**, and if you desaturate by 10%, it is **186.3480, -4.1156, 60.2078**.

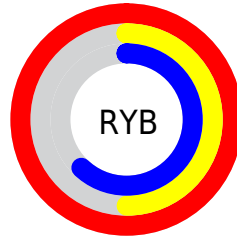
Distribution



Red (100%)

Green (50%)

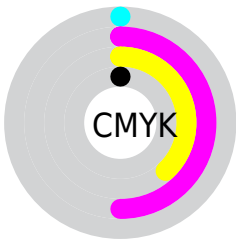
Blue (62%)



Red (100%)

Yellow (50%)

Blue (62%)

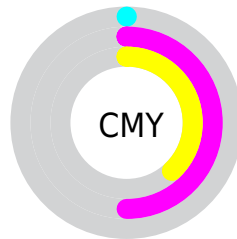


Cyan (0%)

Magenta (50%)

Yellow (38%)

Black (0%)



Cyan (0%)

Magenta (50%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the YUV color 168.9200, -4.8906, 75.4922 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 168.9200, -4.8906, 75.4922 by changing the saturation by 10% instead.


 168.9200, -4.8906,
75.4922

 168.9200, -4.8906,
75.4922


255.0000, 0.0000,
0.0000


 141.1370, -4.0115,
73.5479

 208.0620, 2.9274,
41.1646

 113.4680, -2.6957,
71.5036


 227.6900, 7.0548,
23.9509

 84.7390, -0.3643,
70.3889

 246.1950, 4.3409,
7.7220

 51.1400, 4.8610,
74.4222

 36.7380, 1.1152,
62.4968

 26.0860, -3.4934,
47.2826

 16.6730, -7.2338,

33.6128

■ 2.3920, -1.1793,
4.9182

■ 0.0000, 0.0000,
0.0000

■ 168.9200, -4.8906,
75.4922

■ 168.9200, -4.8906,
75.4922

■ 152.0790, -5.9549,
90.2617

■ 186.3480, -4.1156,
60.2078

■ 134.6510, -6.7299,
105.5461

■ 203.1890, -3.0512,
45.4382

■ 117.8100, -7.7943,
120.3156

■ 220.6170, -2.2762,
30.1539

■ 100.3820, -8.5693,
135.6000

■ 237.5720, -0.7750,
15.2844

■ 83.5410, -9.6337,
150.3695

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.



172.1080, 16.7088, 54.2793



168.9200, -4.8906, 75.4922



166.9910, -26.1246, 72.7989

Triad

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



168.9200, -4.8906, 75.4922



156.7580, -33.4047, -19.0818



135.6760, 57.8407, -118.9879

Complementary

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



168.9200, -4.8906, 75.4922



213.0800, 4.8906, -75.4922

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.



136.8380, 41.9849, -120.0069



168.9200, -4.8906, 75.4922



145.2690, -8.5136, -69.5189

Square

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



168.9200, -4.8906, 75.4922



161.9110, -45.3121, 20.2491



132.2950, 22.0396, -116.0227



159.0700, 47.2935, -49.1734

Rectangle

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



168.9200, -4.8906, 75.4922



166.2270, -37.5799, 60.3139



132.2950, 22.0396, -116.0227



137.1120, 53.1888, -120.2472

Sweetspot

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



168.9200, -4.8906, 75.4922



229.3880, -1.6703, 22.4617



170.2960, 41.7591, 46.2214



112.4470, -1.2064, 13.6400



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.



168.9200, -4.8906, 75.4922



152.0790, -5.9549, 90.2617



184.0560, -28.1286, 62.2179



119.2290, -0.6059, 7.6922



62.5810, -7.1884, 112.6235



20.9600, -2.4453, 37.7461

Inverse Universe

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



168.9200, -4.8906, 75.4922



152.0790, -5.9549, 90.2617



197.9440, 28.1286, -62.2179



119.2290, -0.6059, 7.6922



62.5810, -7.1884, 112.6235



20.9600, -2.4453, 37.7461

Previews

White Background



This preview shows how the YUV color 168.9200, -4.8906, 75.4922 looks on a white background.

Color Contrast Check

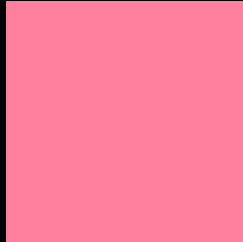
Large Text (above 18pt) WCAG AA × Fail

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 168.9200, -4.8906, 75.4922 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 168.9200, -4.8906, 75.4922

Background



This preview shows how black text looks on a background with the YUV color 168.9200, -4.8906, 75.4922.



This preview shows how white text looks on a background with the YUV color 168.9200, -4.8906,

75.4922.

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

168.9200, -4.8906, 75.4922

Protanopia

168.7100, 6.5520, -1.4997

Deuteranopia

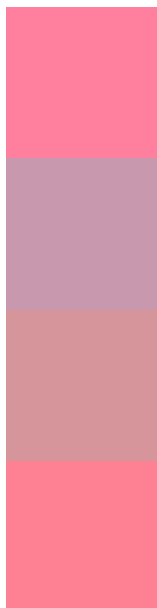
169.3460, -8.0586, 18.1136



Tritanopia

167.9170, -13.7631, 74.6178

Trichromacy



Original Color

168.9200, -4.8906, 75.4922

Protanomaly

168.5610, 2.6814, 26.6950

Deuteranomaly

169.1190, -6.9607, 39.3606

Tritanomaly

168.4270, -10.5635, 75.0475

Monochromacy



Original Color

168.9200, -4.8906, 75.4922

Achromatopsia

169.0000, 0.0000, 0.0000

Achromatomaly

169.0080, -1.9759, 27.1800

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.9200, -4.8906, 75.4922 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, 127, 159)` looks like.

```
.text, #text, p{  
    color:rgb(255, 127, 159)  
}
```

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, 127, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 127, 159) }
```

Border

The CSS property to change the border of an element to YUV 168.9200, -4.8906, 75.4922 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, 127, 159) }
```


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

```
.border{ border-color:rgb(255, 127, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 127, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 127, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 127, 159);  
box-shadow:4px 4px 4px 4px rgb(255, 127,  
159) }
```

Background

The CSS property to change the background color of an element to YUV 168.9200, -4.8906, 75.4922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 127, 159) }
```

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

```
.background{ background-color: rgb(255,  
127, 159) }
```

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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