

# Converting Colors

YUV(158.4220, -9.5750,  
84.6989)

Have a look what the booklet for  
YUV(158.4220, -9.5750, 84.6989)  
contains.

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# Color

**YUV(158.4220, -9.5750,  
84.6989)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF718B
RGB	255, 113, 139
RGB Percent	100%, 44%, 55%
CMY	0.0000, 0.5569, 0.4549
CMYK	0.00, 0.56, 0.45, 0.00
HSL	349°, 100%, 72%
HSV	349°, 56%, 100%
XYZ	51.8053, 34.9343, 28.4387
YIQ	158.4220, 76.2860, 38.1900

# Conversions

## Conversions Part 2

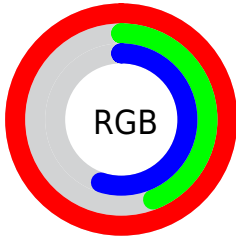
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 113, 139
Decimal	16740747
CIE Lab	65.70, 56.28, 13.01
CIE LCh	66, 57.768, 13.019
Yxy	34.9343, 0.4498, 0.3033
Android (android.graphics.Color)	4294930827 (0xFFFF718B)
YUV	158.4220, -9.5750, 84.6989
Hunter-Lab	59.1053, 53.0197, 12.8462

# Details

The YUV color **158.4220, -9.5750, 84.6989** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **209.5780, 9.5750, -84.6989**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.3360, -2.6306, 50.5713**, and **101.6110, -6.2172, 81.0252** is the 20% darker color. If you saturate the color by 10%, you get **141.3530, -11.5130, 99.6684**, and if you desaturate by 10%, it is **176.0780, -7.9265, 69.2146**.

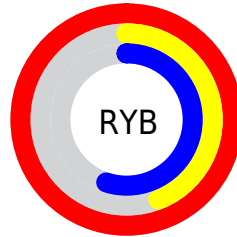
# Distribution



Red (100%)

Green (44%)

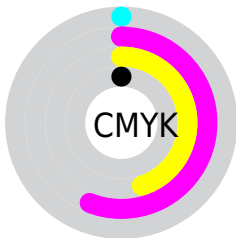
Blue (55%)



Red (100%)

Yellow (44%)

Blue (55%)

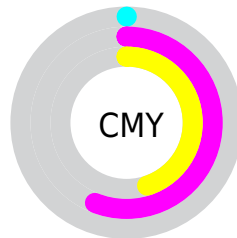


Cyan (0%)

Magenta (56%)

Yellow (45%)

Black (0%)



Cyan (0%)

Magenta (56%)


Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 158.4220, -9.5750, 84.6989 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 158.4220, -9.5750, 84.6989 by changing the saturation by 10% instead.




 158.4220, -9.5750,  
84.6989


 158.4220, -9.5750,  
84.6989


255.0000, 0.0000,  
0.0000

 129.8670, -7.8224,  
82.5546


 197.3360, -2.6306,  
50.5713


 101.6110, -6.2172,  
81.0252


 217.5510, 1.2074,  
32.8428

 70.0610, -2.0021,  
82.3845

 237.8800, 5.4822,  
15.0142

 45.0820, -0.5334,  
77.9811

 34.1310, -4.9946,  
62.1521

 22.7240, -11.2029,  
46.7231

 14.5800, -6.2019,

29.3093

■ 0.0000, 0.0000,  
0.0000

■ 158.4220, -9.5750,  
84.6989

■ 158.4220, -9.5750,  
84.6989

■ 141.3530,  
-11.5130, 99.6684

■ 176.0780, -7.9265,  
69.2146

■ 123.6970,  
-13.1616, 115.1527

■ 193.1470, -5.9885,  
54.2451

■ 106.1550,  
-14.3734, 130.5371

■ 210.6890, -4.7767,  
38.8607

■ 89.0860, -16.3114,  
145.5066

■ 227.7580, -2.8387,  
23.8912

■ 81.6030, -17.0593,  
152.0692

■ 245.4140, -1.1901,  
8.4069

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.



161.9140, 14.3394, 67.6044



158.4220, -9.5750, 84.6989



157.2920, -32.6820, 76.0429

# Triad

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



158.4220, -9.5750, 84.6989



145.0230, -32.0563, -31.5922



130.6210, 61.3188, -114.5546

# Complementary

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



158.4220, -9.5750, 84.6989



209.5780, 9.5750, -84.6989

# 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.



132.9400, 47.3576, -116.5884



158.4220, -9.5750, 84.6989



121.8990, 2.5148, -106.9054

# Square

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



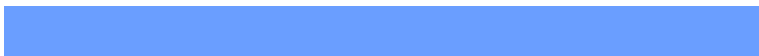
158.4220, -9.5750, 84.6989



151.6020, -50.0898, 12.6270



129.2290, 25.5231, -113.3338



153.5100, 50.0346, -41.6663



# Rectangle

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



158.4220, -9.5750, 84.6989



156.6800, -44.7052, 59.0396



129.2290, 25.5231, -113.3338



132.5130, 58.4141, -116.2139

# Sweetspot

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



158.4220, -9.5750, 84.6989



225.7690, -2.8441, 25.6356



163.8720, 44.9261, 57.1173



110.3440, -1.6486, 15.4843



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.



158.4220, -9.5750, 84.6989



138.6630, -11.6659, 102.0275



181.8730, -33.9544, 64.1324



119.1150, -1.0427, 7.7921



61.0990, -12.8668, 113.9232



20.5040, -4.1925, 38.1460



# Inverse Universe

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



158.4220, -9.5750, 84.6989



138.6630, -11.6659, 102.0275



186.1270, 33.9544, -64.1324



119.1150, -1.0427, 7.7921



61.0990, -12.8668, 113.9232



20.5040, -4.1925, 38.1460



# Previews

## White Background



This preview shows how the YUV color 158.4220, -9.5750, 84.6989 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

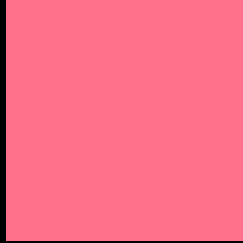
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 158.4220, -9.5750, 84.6989 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

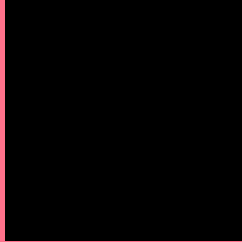
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 158.4220, -9.5750, 84.6989

## Background



This preview shows how black text looks on a background with the YUV color 158.4220, -9.5750, 84.6989.



This preview shows how white text looks on a background with the YUV color 158.4220, -9.5750,

84.6989.

# 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

158.4220, -9.5750, 84.6989

### Protanopia

160.4670, 1.7418, 1.3444

### Deuteranopia

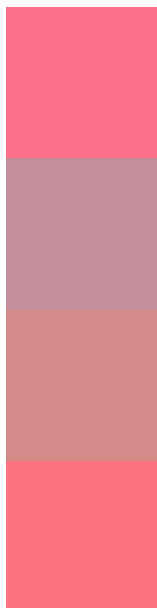
160.7610, -14.1792, 21.2576



## Tritanopia

158.1740, -16.8478, 84.0394

# Trichromacy



## Original Color

158.4220, -9.5750, 84.6989

## Protanomaly

159.6280, -2.2816, 31.8982

## Deuteranomaly

159.7730, -12.2131, 44.0491

## Tritanomaly

158.1570, -14.3744, 84.0543

# Monochromacy



## Original Color

158.4220, -9.5750, 84.6989

## Achromatopsia

158.0000, 0.0000, 0.0000

## Achromatomaly

158.2750, -3.5866, 30.4538

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 158.4220, -9.5750, 84.6989 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, 113, 139)` looks like.

```
.text, #text, p{  
    color:rgb(255, 113, 139)  
}
```

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, 113, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 113, 139) }
```

## Border

The CSS property to change the border of an element to YUV 158.4220, -9.5750, 84.6989 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, 113, 139) }
```



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

```
.border{ border-color:rgb(255, 113, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 113, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 113, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 113, 139);  
box-shadow:4px 4px 4px 4px rgb(255, 113,  
139) }
```

# Background

The CSS property to change the background color of an element to YUV 158.4220, -9.5750, 84.6989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 113, 139) }
```

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

```
.background{ background-color: rgb(255,  
113, 139) }
```

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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