

# Converting Colors

YUV(158.8270, -0.4077,  
84.3437)

Have a look what the booklet for  
YUV(158.8270, -0.4077, 84.3437)  
contains.

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# Color

**YUV(158.8270, -0.4077,  
84.3437)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF6E9E
RGB	255, 110, 158
RGB Percent	100%, 43%, 62%
CMY	0.0000, 0.5686, 0.3804
CMYK	0.00, 0.57, 0.38, 0.00
HSL	340°, 100%, 72%
HSV	340°, 57%, 100%
XYZ	52.9875, 34.8805, 36.2876
YIQ	158.8270, 71.0120, 45.6680

# Conversions

## Conversions Part 2

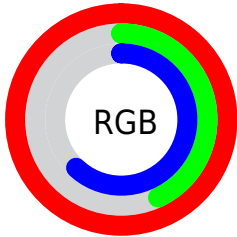
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 110, 158
Decimal	16739998
CIE <sub>Lab</sub>	65.66, 59.55, 2.12
CIE <sub>LCh</sub>	66, 59.586, 2.041
Yxy	34.8805, 0.4268, 0.2809
Android (android.graphics.Color)	4294930078 (0xFFFF6E9E)
YUV	158.8270, -0.4077, 84.3437
Hunter-Lab	59.0597, 56.7931, 4.9127

# Details

The YUV color **158.8270, -0.4077, 84.3437** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **206.1730, 0.4077, -84.3437**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.8550, 6.9735, 50.1162**, and **100.7280, 3.0921, 81.7995** is the 20% darker color. If you saturate the color by 10%, you get **142.2140, -0.5985, 98.9133**, and if you desaturate by 10%, it is **176.0270, -0.5063, 69.2593**.

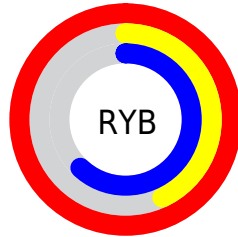
# Distribution



Red (100%)

Green (43%)

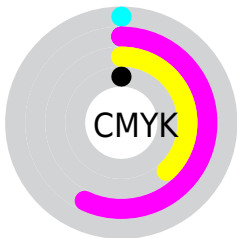
Blue (62%)



Red (100%)

Yellow (43%)

Blue (62%)

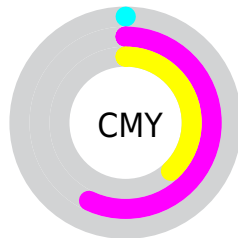


Cyan (0%)

Magenta (57%)

Yellow (38%)

Black (0%)



Cyan (0%)

Magenta (57%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 158.8270, -0.4077, 84.3437 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 158.8270, -0.4077, 84.3437 by changing the saturation by 10% instead.




 158.8270, -0.4077,  
84.3437


 158.8270, -0.4077,  
84.3437

255.0000, 0.0000,  
0.0000


 130.1580, 0.9081,  
82.2994


 197.8550, 6.9735,  
50.1162

 100.7280, 3.0921,  
81.7995


 218.1840, 11.2483,  
32.2876


 65.5420, 8.6068,  
86.3477

 236.8030, 8.9711,  
15.9588

 47.2050, 6.3079,  
76.9962

254.4130, 0.2894,  
0.5148

 36.0260, 0.9732,  
61.3672

 25.3740, -3.6354,  
46.1530

 15.4770, -6.6442,

31.1537

■ 0.0000, 0.0000,  
0.0000

■ 158.8270, -0.4077,  
84.3437

■ 158.8270, -0.4077,  
84.3437

■ 142.2140, -0.5985,  
98.9133

■ 176.0270, -0.5063,  
69.2593

■ 125.0140, -0.4999,  
113.9977

■ 192.6400, -0.3155,  
54.6897

■ 107.8140, -0.4013,  
129.0821

■ 209.8400, -0.4141,  
39.6053

■ 91.2010, -0.5921,  
143.6517

■ 226.4530, -0.2233,  
25.0357

■ 85.8210, -0.8978,  
148.3700

■ 243.6530, -0.3219,  
9.9513

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.



163.4270, 22.9605, 55.7535



158.8270, -0.4077, 84.3437



156.9970, -25.1415, 84.1946

# Triad

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



158.8270, -0.4077, 84.3437



147.4890, -42.1461, -15.3379



133.3280, 58.9983, -116.9287

# Complementary

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



158.8270, -0.4077, 84.3437



206.1730, 0.4077, -84.3437

# 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.



132.5180, 40.6636, -116.2183



158.8270, -0.4077, 84.3437



132.1990, -12.4231, -75.5965

# Square

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



158.8270, -0.4077, 84.3437



152.9630, -54.2118, 28.0964



127.0630, 17.2239, -111.4343



134.0090, 59.6486, -92.0929



# Rectangle

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



158.8270, -0.4077, 84.3437



156.7230, -39.7964, 71.2799



127.0630, 17.2239, -111.4343



133.9490, 53.7621, -117.4733

# Sweetspot

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



158.8270, -0.4077, 84.3437



226.4530, -0.2233, 25.0357



155.5330, 49.0372, 45.1366



110.6860, -0.3382, 15.1844



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.



158.8270, -0.4077, 84.3437



140.2250, -0.6039, 100.6577



167.4430, -28.3194, 76.7875



119.3430, -0.1691, 7.5922



64.2910, -0.6365, 111.1238



21.5300, -0.2613, 37.2462



# Inverse Universe

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



158.8270, -0.4077, 84.3437



140.2250, -0.6039, 100.6577



197.5570, 28.3194, -76.7875



119.3430, -0.1691, 7.5922



64.2910, -0.6365, 111.1238



21.5300, -0.2613, 37.2462



# Previews

## White Background



This preview shows how the YUV color 158.8270, -0.4077, 84.3437 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 158.8270, -0.4077, 84.3437 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

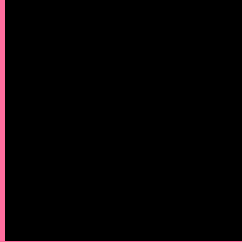
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 158.8270, -0.4077, 84.3437

## Background



This preview shows how black text looks on a background with the YUV color 158.8270, -0.4077, 84.3437.



This preview shows how white text looks on a background with the YUV color 158.8270, -0.4077,



# 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

158.8270, -0.4077, 84.3437

### Protanopia

160.6970, 12.9674, -5.8733

### Deuteranopia

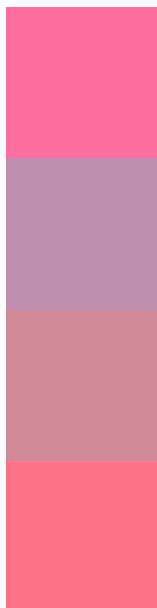
161.1330, -4.9956, 15.6694



## Tritanopia

158.2770, -16.4056, 82.1951

# Trichromacy



## Original Color

158.8270, -0.4077, 84.3437

## Protanomaly

159.9400, 7.9176, 27.2396

## Deuteranomaly

160.4550, -3.1823, 40.8200

## Tritanomaly

158.1830, -10.4432, 83.1545

# Monochromacy



## Original Color

158.8270, -0.4077, 84.3437

## Achromatopsia

159.0000, 0.0000, 0.0000

## Achromatomaly

158.8990, 0.0498, 30.7836

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 158.8270, -0.4077, 84.3437 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, 110, 158)` looks like.

```
.text, #text, p{  
    color:rgb(255, 110, 158)  
}
```

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, 110, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 110, 158) }
```

## Border

The CSS property to change the border of an element to YUV 158.8270, -0.4077, 84.3437 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, 110, 158) }
```



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

```
.border{ border-color:rgb(255, 110, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 110, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 110, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 110, 158);  
box-shadow:4px 4px 4px 4px rgb(255, 110,  
158) }
```

# Background

The CSS property to change the background color of an element to YUV 158.8270, -0.4077, 84.3437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 110, 158) }
```

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

```
.background{ background-color: rgb(255,  
110, 158) }
```

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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