

Converting Colors

YUV(158.8610, -5.3545,
84.3139)

Have a look what the booklet for
YUV(158.8610, -5.3545, 84.3139)
contains.

YUV(158.8610, -5.3545, 84.3139)	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(158.8610, -5.3545,
84.3139)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7094
RGB	255, 112, 148
RGB Percent	100%, 44%, 58%
CMY	0.0000, 0.5608, 0.4196
CMYK	0.00, 0.56, 0.42, 0.00
HSL	345°, 100%, 72%
HSV	345°, 56%, 100%
XYZ	52.3795, 34.9865, 32.0093
YIQ	158.8610, 73.6720, 41.5120

Conversions

Conversions Part 2

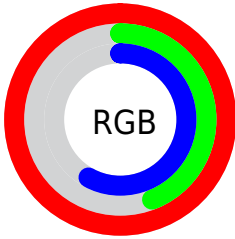
Format	Color
R_{YB}	255, 112, 148
Decimal	16740500
CIE _{Lab}	65.74, 57.61, 7.94
CIE _{LCh}	66, 58.157, 7.850
Yxy	34.9865, 0.4388, 0.2931
Android (android.graphics.Color)	4294930580 (0xFFFF7094)
YUV	158.8610, -5.3545, 84.3139
Hunter-Lab	59.1494, 54.5586, 9.3191

Details

The YUV color **158.8610, -5.3545, 84.3139** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **208.1390, 5.3545, -84.3139**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.8890, 2.0267, 50.0863**, and **101.4630, -1.7073, 81.1549** is the 20% darker color. If you saturate the color by 10%, you get **142.0200, -6.4189, 99.0835**, and if you desaturate by 10%, it is **176.2890, -4.5795, 69.0295**.

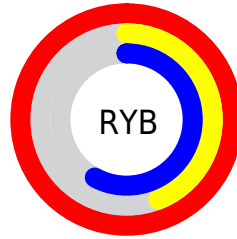
Distribution



Red (100%)

Green (44%)

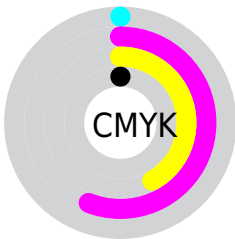
Blue (58%)



Red (100%)

Yellow (44%)

Blue (58%)

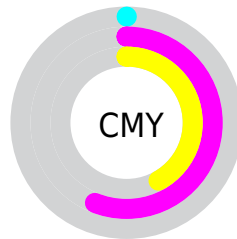


Cyan (0%)

Magenta (56%)

Yellow (42%)

Black (0%)



Cyan (0%)

Magenta (56%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the YUV color 158.8610, -5.3545, 84.3139 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 158.8610, -5.3545, 84.3139 by changing the saturation by 10% instead.


 158.8610, -5.3545,
84.3139


 158.8610, -5.3545,
84.3139


255.0000, 0.0000,
0.0000

 130.1920, -4.0387,
82.2696


 197.8890, 2.0267,
50.0863


 101.4630, -1.7073,
81.1549


 218.1040, 5.8647,
32.3578

 68.6250, 2.6499,
83.6439

 237.9770, 8.3923,
14.9292

 46.2930, 2.8136,
77.7960

 34.9290, -1.9370,
61.4523

 23.5930, -9.1663,
46.8379

 14.8790, -6.3493,

29.9241

■ 0.0000, 0.0000,
0.0000

■ 158.8610, -5.3545,
84.3139

■ 158.8610, -5.3545,
84.3139

■ 142.0200, -6.4189,
99.0835

■ 176.2890, -4.5795,
69.0295

■ 124.5920, -7.1939,
114.3678

■ 193.1300, -3.5151,
54.2600

■ 107.1640, -7.9689,
129.6522

■ 210.5580, -2.7401,
38.9756

■ 90.3230, -9.0332,
144.4217

■ 227.3990, -1.6757,
24.2061

■ 83.5410, -9.6337,
150.3695

■ 244.8270, -0.9007,
8.9217

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.



163.2060, 18.1394, 62.0863



158.8610, -5.3545, 84.3139



157.5250, -29.3458, 79.3466

Triad

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



158.8610, -5.3545, 84.3139



146.8130, -36.8828, -23.5150



132.3820, 60.4507, -116.0990

Complementary

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



158.8610, -5.3545, 84.3139



208.1390, 5.3545, -84.3139

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.



132.7290, 44.0106, -116.4033



158.8610, -5.3545, 84.3139



123.2760, -2.6011, -99.3431

Square

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



158.8610, -5.3545, 84.3139



152.3040, -51.4219, 19.9044



128.2030, 21.5919, -112.4340



147.7960, 52.8516, -58.5801

Rectangle

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



158.8610, -5.3545, 84.3139



156.9950, -42.3955, 64.9024



128.2030, 21.5919, -112.4340



133.2310, 56.0881, -116.8436

Sweetspot

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



158.8610, -5.3545, 84.3139



226.1110, -1.5337, 25.3357



159.6970, 46.9844, 50.2547



110.4580, -1.2118, 15.3843



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.



158.8610, -5.3545, 84.3139



140.0310, -6.4243, 100.8278



174.1280, -30.6291, 70.9247



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.



158.8610, -5.3545, 84.3139



140.0310, -6.4243, 100.8278



192.8720, 30.6291, -70.9247



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 158.8610, -5.3545, 84.3139 looks on a white background.

Color Contrast Check

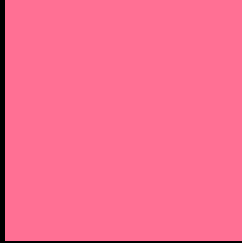
Large Text (above 18pt) WCAG AA × Fail

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 158.8610, -5.3545, 84.3139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

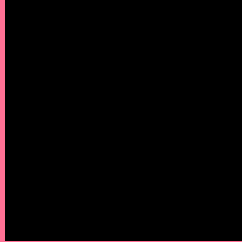
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 158.8610, -5.3545, 84.3139

Background



This preview shows how black text looks on a background with the YUV color 158.8610, -5.3545, 84.3139.



This preview shows how white text looks on a background with the YUV color 158.8610, -5.3545,

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

158.8610, -5.3545, 84.3139

Protanopia

160.8240, 6.9888, -1.5996

Deuteranopia

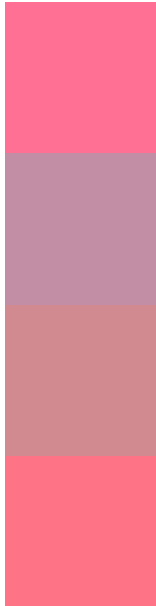
160.8900, -9.8058, 18.5135



Tritanopia

157.8750, -16.7004, 83.4246

Trichromacy



Original Color

158.8610, -5.3545, 84.3139

Protanomaly

160.1700, 2.3812, 29.6689

Deuteranomaly

160.5000, -8.1345, 42.5345

Tritanomaly

158.6130, -12.6272, 83.6544

Monochromacy



Original Color

158.8610, -5.3545, 84.3139

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

159.0300, -1.9868, 30.6687

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.8610, -5.3545, 84.3139 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, 112, 148)` looks like.

```
.text, #text, p{  
    color:rgb(255, 112, 148)  
}
```

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, 112, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 112, 148) }
```

Border

The CSS property to change the border of an element to YUV 158.8610, -5.3545, 84.3139 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, 112, 148) }
```


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

```
.border{ border-color:rgb(255, 112, 148) }
```

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

Here you see how a box with a 4 pixel rgb(255, 112, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 112, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 112, 148);  
box-shadow:4px 4px 4px 4px rgb(255, 112,  
148) }
```

Background

The CSS property to change the background color of an element to YUV 158.8610, -5.3545, 84.3139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 112, 148) }
```

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

```
.background{ background-color: rgb(255,  
112, 148) }
```

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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