

Converting Colors

YUV(159.2320, 8.7596, 83.9885)

Have a look what the booklet for
YUV(159.2320, 8.7596, 83.9885)
contains.

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Color

**YUV(159.2320, 8.7596,
83.9885)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6BB1
RGB	255, 107, 177
RGB Percent	100%, 42%, 69%
CMY	0.0000, 0.5804, 0.3059
CMYK	0.00, 0.58, 0.31, 0.00
HSL	332°, 100%, 71%
HSV	332°, 58%, 100%
XYZ	54.4335, 34.9497, 45.4720
YIQ	159.2320, 65.7380, 53.1460

Conversions

Conversions Part 2

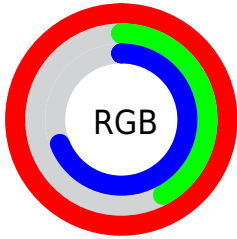
Format	Color
R_{YB}	255, 107, 177
Decimal	16739249
CIE Lab	65.71, 63.02, -8.62
CIE LCh	66, 63.611, 352.216
Yxy	34.9497, 0.4036, 0.2592
Android (android.graphics.Color)	4294929329 (0xFFFF6BB1)
YUV	159.2320, 8.7596, 83.9885
Hunter-Lab	59.1183, 60.8979, -4.2213

Details

The YUV color **159.2320, 8.7596, 83.9885** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **202.7680, -8.7596, -83.9885**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.0750, 16.7250, 49.0462**, and **100.0300, 11.8172, 83.2887** is the 20% darker color. If you saturate the color by 10%, you get **143.0750, 10.3160, 98.1582**, and if you desaturate by 10%, it is **175.9760, 6.9138, 69.3040**.

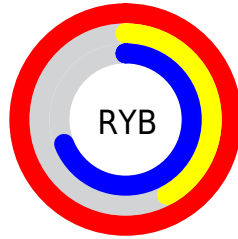
Distribution



Red (100%)

Green (42%)

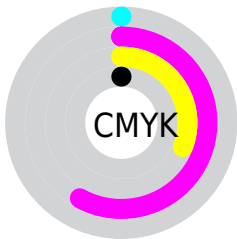
Blue (69%)



Red (100%)

Yellow (42%)

Blue (69%)

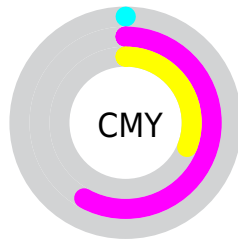


Cyan (0%)

Magenta (58%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (58%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YUV color 159.2320, 8.7596, 83.9885 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 159.2320, 8.7596, 83.9885 by changing the saturation by 10% instead.


 159.2320, 8.7596,
83.9885


 159.2320, 8.7596,
83.9885


255.0000, 0.0000,
0.0000


 130.1610, 9.7806,
83.1738


 199.0750, 16.7250,
49.0462

 100.0300, 11.8172,
83.2887


 218.6060, 17.9422,
31.9175


 60.7350, 19.3576,
91.4404

 235.6290, 9.5499,
16.9884

 49.3280, 13.1493,
76.0113

 253.2390, 0.8682,
1.5444

 38.0350, 7.3777,
60.4823

 27.2690, 2.3324,
45.3681

 16.4170, -5.6286,

32.0833

■ 1.1960, -0.5896,
2.4591

■ 0.0000, 0.0000,
0.0000

■ 159.2320, 8.7596,
83.9885

■ 159.2320, 8.7596,
83.9885

■ 143.0750, 10.3160,
98.1582

■ 175.9760, 6.9138,
69.3040

■ 126.2170, 11.7250,
112.9427

■ 192.2470, 5.7942,
55.0344

■ 110.0600, 13.2814,
127.1124

■ 208.9910, 3.9484,
40.3499

■ 93.2020, 14.6904,
141.8968

■ 225.2620, 2.8288,
26.0802

■ 90.0390, 15.2638,
144.6708

■ 242.0060, 0.9830,
11.3957

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.



164.1680, 32.4552, 43.7027



159.2320, 8.7596, 83.9885



153.9080, -16.7166, 88.6577

Triad

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



159.2320, 8.7596, 83.9885



148.2430, -52.3778, -0.2131



135.2200, 56.0935, -118.5879

Complementary

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



159.2320, 8.7596, 83.9885



202.7680, -8.7596, -83.9885

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.



132.6830, 33.6803, -116.3630



159.2320, 8.7596, 83.9885



137.5900, -25.4339, -55.7684

Square

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



159.2320, 8.7596, 83.9885



153.6120, -58.4757, 42.4363



125.3700, 8.1986, -109.9495



129.4470, 61.8976, -113.5250

Rectangle

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



159.2320, 8.7596, 83.9885



155.7660, -34.8876, 83.5202



125.3700, 8.1986, -109.9495



134.7980, 49.3996, -118.2178

Sweetspot

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



159.2320, 8.7596, 83.9885



227.1370, 2.3975, 24.4359



146.5960, 53.4432, 31.9263



111.1420, 1.4090, 14.7845



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.



159.2320, 8.7596, 83.9885



139.7980, 10.4526, 101.0322



152.4260, -22.3950, 89.9574



119.5710, 0.7045, 7.3922



67.3690, 11.1571, 108.4244



22.5560, 3.6699, 36.3464

Inverse Universe

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



159.2320, 8.7596, 83.9885



139.7980, 10.4526, 101.0322



209.5740, 22.3950, -89.9574



119.5710, 0.7045, 7.3922



67.3690, 11.1571, 108.4244



22.5560, 3.6699, 36.3464

Previews

White Background



This preview shows how the YUV color 159.2320, 8.7596, 83.9885 looks on a white background.

Color Contrast Check

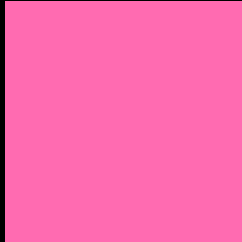
Large Text (above 18pt) WCAG AA × Fail

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 159.2320, 8.7596, 83.9885 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 159.2320, 8.7596, 83.9885

Background



This preview shows how black text looks on a background with the YUV color 159.2320, 8.7596, 83.9885.



This preview shows how white text looks on a background with the YUV color 159.2320, 8.7596,

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

159.2320, 8.7596, 83.9885

Protanopia

160.4540, 24.9192, -12.6762

Deuteranopia

161.3800, 3.7567, 8.4367



Tritanopia

158.6790, -16.1107, 80.9655

Trichromacy



Original Color

159.2320, 8.7596, 83.9885



Protanomaly

159.8930, 19.2798, 22.8958



Deuteranomaly

161.0120, 5.4171, 35.9465



Tritanomaly

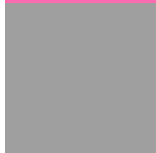
158.7960, -6.8014, 81.7399

Monochromacy



Original Color

159.2320, 8.7596, 83.9885



Achromatopsia

159.0000, 0.0000, 0.0000



Achromatomaly

159.1100, 3.3968, 30.5985

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.2320, 8.7596, 83.9885 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, 107, 177)` looks like.

```
.text, #text, p{  
    color:rgb(255, 107, 177)  
}
```

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, 107, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 107, 177) }
```

Border

The CSS property to change the border of an element to YUV 159.2320, 8.7596, 83.9885 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, 107, 177) }
```


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

```
.border{ border-color:rgb(255, 107, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 107, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 107, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 107, 177);  
box-shadow:4px 4px 4px 4px rgb(255, 107,  
177) }
```

Background

The CSS property to change the background color of an element to YUV 159.2320, 8.7596, 83.9885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 107, 177) }
```

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

```
.background{ background-color: rgb(255,  
107, 177) }
```

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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