

Converting Colors

$Y_{xy}(48.7632, 0.5218, 0.3180)$

Have a look what the booklet for
Yxy(48.7632, 0.5218, 0.3180)
contains.

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Color

Yxy(33.4658, 0.4702, 0.3128)

Conversions

Conversions Part 1

Format	Color
Hex	FF6C7D
RGB	255, 108, 125
RGB Percent	100%, 42%, 49%
CMY	0.0000, 0.5765, 0.5097
CMYK	0.00, 0.58, 0.51, 0.00
HSL	353°, 100%, 71%
HSV	353°, 58%, 100%
XYZ	50.3057, 33.4658, 23.2164
YIQ	153.8910, 82.1550, 36.4510

Conversions

Conversions Part 2

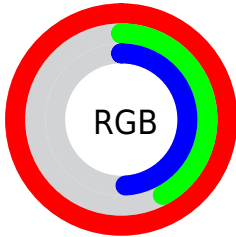
Format	Color
RYB	255, 108, 125
Decimal	16739453
CIELab	64.54, 57.31, 19.37
CIELCh	65, 60.495, 18.677
Yxy	33.4658, 0.4702, 0.3128
Android (android.graphics.Color)	4294929533 (0xFFFF6C7D)
YUV	153.8910, -14.2433, 88.6726
Hunter-Lab	57.8496, 53.9857, 16.7003

Details

The Yxy color **33.4658, 0.4702, 0.3128** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **80.8807, 0.2476, 0.3490**, and the grayscale version is **32.3028, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.9852, 0.3865, 0.3155**, and **14.2269, 0.5209, 0.3027** is the 20% darker color. If you saturate the color by 10%, you get **28.3397, 0.5147, 0.3123**, and if you desaturate by 10%, it is **40.2981, 0.4297, 0.3148**.

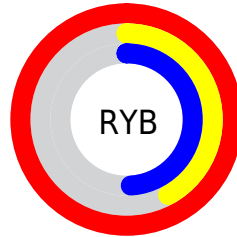
Distribution



Red (100%)

Green (42%)

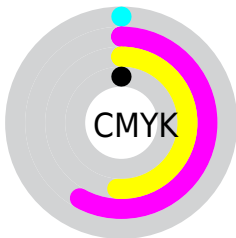
Blue (49%)



Red (100%)

Yellow (42%)

Blue (49%)

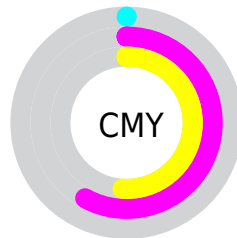


Cyan (0%)

Magenta (58%)

Yellow (51%)

Black (0%)



Cyan (0%)


Magenta (58%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.4658, 0.4702, 0.3128 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 Yxy color 33.4658, 0.4702, 0.3128 by changing the saturation by 10% instead.


 33.4658, 0.4702,
0.3128


 33.4658, 0.4702,
0.3128


317.7435, 0.3868,
0.3249


 22.4835, 0.4921,
0.3084


 65.1021, 0.4390,
0.3182

 14.2126, 0.5206,
0.3019


 86.5249, 0.4275,
0.3199

 8.2687, 0.5588,
0.2918


 112.1966, 0.4179,
0.3213

 4.2674, 0.6120,
0.2749

 142.5017, 0.4098,
0.3223

 1.8242, 0.6977,
0.2482

177.8245, 0.4028,
0.3231

 0.5022, 0.8244,
0.1756

218.5495, 0.3968,

 0.0000, 1.0000,

0.3238

0.0000

265.0610, 0.3915,
0.3244

■ 0.0000, 0.0000,
0.0000

■ 33.4658, 0.4702,
0.3128

■ 33.4658, 0.4702,
0.3128

■ 28.3397, 0.5147,
0.3123

■ 40.2981, 0.4297,
0.3148

■ 24.7648, 0.5593,
0.3137

■ 48.9647, 0.3950,
0.3175

■ 22.5657, 0.5977,
0.3174

■ 59.5865, 0.3663,
0.3207

■ 21.5107, 0.6242,
0.3227

■ 72.2729, 0.3431,
0.3238

■ 21.3513, 0.6288,
0.3237

■ 87.1253, 0.3244,
0.3268

100.0000, 0.3127,
0.3290

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



33.4658, 0.3894, 0.2552



33.4658, 0.4702, 0.3128



33.4658, 0.4974, 0.3774

Triad

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



33.4658, 0.4702, 0.3128



33.4658, 0.3093, 0.4956



33.4658, 0.1705, 0.1991

Complementary

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



33.4658, 0.4702, 0.3128



80.8807, 0.2476, 0.3490

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.



33.4658, 0.1567, 0.2379



33.4658, 0.4702, 0.3128



33.4658, 0.2282, 0.4212

Square

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



33.4658, 0.4702, 0.3128



33.4658, 0.3960, 0.4949



33.4658, 0.1748, 0.3160



33.4658, 0.2156, 0.1927

Rectangle

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



33.4658, 0.4702, 0.3128



33.4658, 0.4820, 0.4217



33.4658, 0.1748, 0.3160



33.4658, 0.1625, 0.2081

Sweetspot

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



33.4673, 0.4702, 0.3128



73.1646, 0.3418, 0.3240



36.0975, 0.3034, 0.1868



15.0722, 0.3460, 0.3234



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



33.4673, 0.4702, 0.3128



27.7680, 0.5209, 0.3123



49.0203, 0.4513, 0.3862



18.0213, 0.3276, 0.3263



11.1673, 0.6263, 0.3224



1.0978, 0.6028, 0.3095

Inverse Universe

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



33.4673, 0.4702, 0.3128



27.7680, 0.5209, 0.3123



51.0953, 0.2254, 0.2583



18.0213, 0.3276, 0.3263



11.1673, 0.6263, 0.3224



1.0978, 0.6028, 0.3095

Previews

White Background



This preview shows how the Yxy color 33.4658, 0.4702, 0.3128 looks on a white background.

Color Contrast Check

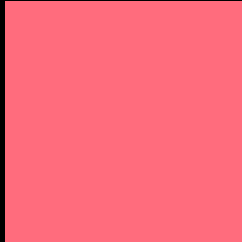
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 33.4658, 0.4702, 0.3128 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](#).

Yxy 33.4658, 0.4702, 0.3128

Background



This preview shows how black text looks on a background with the Yxy color 33.4658, 0.4702, 0.3128.



This preview shows how white text looks on a background with the Yxy color 33.4658, 0.4702, 0.3128.

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

33.4658, 0.4702, 0.3128

Protanopia

33.6282, 0.3252, 0.3394

Deuteranopia

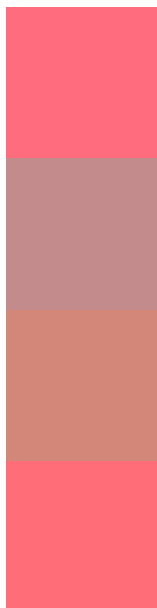
33.4350, 0.3823, 0.3739



Tritanopia

33.2925, 0.4788, 0.3217

Trichromacy



Original Color

33.4658, 0.4702, 0.3128

Protanomaly

32.0944, 0.3752, 0.3278

Deuteranomaly

32.4101, 0.4142, 0.3470

Tritanomaly

33.3642, 0.4751, 0.3187

Monochromacy



Original Color

33.4658, 0.4702, 0.3128

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

30.9509, 0.3670, 0.3209

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.4658, 0.4702, 0.3128 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, 108, 125)` looks like.

```
.text, #text, p{  
    color:rgb(255, 108, 125)  
}
```

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, 108, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 108, 125) }
```

Border

The CSS property to change the border of an element to Yxy 33.4658, 0.4702, 0.3128 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, 108, 125) }
```

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

```
.border{ border-color:rgb(255, 108, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 108, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 108, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 108, 125);  
box-shadow:4px 4px 4px 4px rgb(255, 108,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 33.4658, 0.4702, 0.3128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 108, 125) }
```

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

```
.background{ background-color: rgb(255,  
108, 125) }
```

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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