

Converting Colors

$Y_{xy}(35.7336, 0.4588, 0.3264)$

Have a look what the booklet for
Yxy(35.7336, 0.4588, 0.3264)
contains.

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Color

Yxy(35.9090, 0.4585, 0.3264)

Conversions

Conversions Part 1

Format	Color
Hex	FB7A7D
RGB	251, 122, 125
RGB Percent	98%, 48%, 49%
CMY	0.0157, 0.5215, 0.5099
CMYK	0.00, 0.51, 0.50, 0.02
HSL	359°, 94%, 73%
HSV	359°, 51%, 98%
XYZ	50.4420, 35.9090, 23.6643
YIQ	160.9130, 75.9210, 28.2810

Conversions

Conversions Part 2

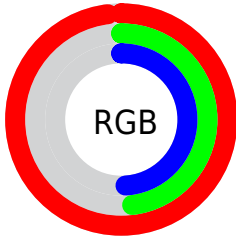
Format	Color
R _Y B	251, 122, 125
Decimal	16480893
CIE Lab	66.45, 49.42, 21.91
CIE LCh	66, 54.062, 23.907
Yxy	35.9090, 0.4585, 0.3264
Android (android.graphics.Color)	4294670973 (0xFFFB7A7D)
YUV	160.9130, -17.7051, 79.0063
Hunter-Lab	59.9241, 45.3878, 18.5330

Details

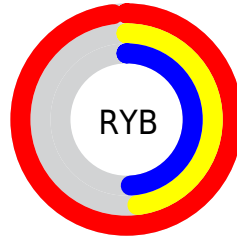
The Yxy color **35.9090, 0.4585, 0.3264** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **79.9095, 0.2473, 0.3322**, and the grayscale version is **35.6566, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.9186, 0.3814, 0.3282**, and **15.6032, 0.5046, 0.3200** is the 20% darker color. If you saturate the color by 10%, you get **29.9708, 0.5048, 0.3263**, and if you desaturate by 10%, it is **43.5970, 0.4175, 0.3268**.

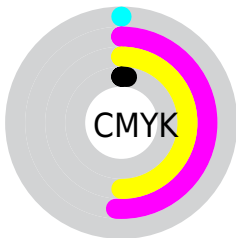
Distribution



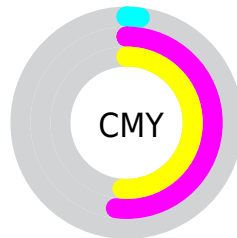
- Red (98%)
- Green (48%)
- Blue (49%)



- Red (98%)
- Yellow (48%)
- Blue (49%)



- Cyan (0%)
- Magenta (51%)
- Yellow (50%)
- Black (2%)





- Cyan (2%)
- Magenta (52%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.9090, 0.4585, 0.3264 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 35.9090, 0.4585, 0.3264 by changing the saturation by 10% instead.


 35.9090, 0.4585,
0.3264


 35.9090, 0.4585,
0.3264


328.5626, 0.3820,
0.3313

 24.3639, 0.4784,
0.3239


 68.8916, 0.4300,
0.3291

 15.6038, 0.5041,
0.3199


 91.0979, 0.4195,
0.3298

 9.2442, 0.5386,
0.3131


 117.6267, 0.4107,
0.3304

 4.9008, 0.5862,
0.3010

148.8625, 0.4032,
0.3307

 2.1892, 0.6614,
0.2807

185.1895, 0.3968,
0.3309

 0.7141, 0.7689,
0.2311

226.9923, 0.3912,

 0.0000, 1.0000,

0.3311

0.0000

274.6552, 0.3863,
0.3312

■ 0.0000, 0.0000,
0.0000

■ 35.9090, 0.4585,
0.3264

■ 35.9090, 0.4585,
0.3264

■ 29.9708, 0.5048,
0.3263

■ 43.5970, 0.4175,
0.3268

■ 25.6399, 0.5526,
0.3266

■ 53.1515, 0.3831,
0.3273

■ 22.7612, 0.5952,
0.3273

■ 64.6856, 0.3552,
0.3278

■ 21.1461, 0.6252,
0.3284

■ 78.3017, 0.3328,
0.3284

■ 20.5209, 0.6384,
0.3291

■ 94.0956, 0.3149,
0.3289

99.2483, 0.3102,
0.3290

Harmonies

Analogous

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



35.9090, 0.3945, 0.2720



35.9090, 0.4585, 0.3264



35.9090, 0.4745, 0.3859

Triad

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



35.9090, 0.4585, 0.3264



35.9090, 0.2983, 0.4651



35.9090, 0.1904, 0.2103

Complementary

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



35.9090, 0.4585, 0.3264



79.9095, 0.2473, 0.3322

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.



35.9090, 0.1728, 0.2410



35.9090, 0.4585, 0.3264



35.9090, 0.2285, 0.3932

Square

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



35.9090, 0.4585, 0.3264



35.9090, 0.3762, 0.4790



35.9090, 0.1849, 0.3048



35.9090, 0.2368, 0.2082

Rectangle

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



35.9090, 0.4585, 0.3264



35.9090, 0.4570, 0.4248



35.9090, 0.1849, 0.3048



35.9090, 0.1813, 0.2171

Sweetspot

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



35.9109, 0.4585, 0.3264



75.7993, 0.3403, 0.3282



40.6063, 0.3146, 0.2040



15.5837, 0.3450, 0.3281



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.



35.9109, 0.4585, 0.3264



30.7212, 0.5080, 0.3263



55.4539, 0.4246, 0.3920



17.2317, 0.3291, 0.3285



10.7900, 0.6377, 0.3287



1.0015, 0.6319, 0.3255

Inverse Universe

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



35.9109, 0.4585, 0.3264



30.7212, 0.5080, 0.3263



48.2796, 0.2310, 0.2533



17.2317, 0.3291, 0.3285



10.7900, 0.6377, 0.3287



1.0015, 0.6319, 0.3255

Previews

White Background



This preview shows how the Yxy color 35.9090, 0.4585, 0.3264 looks on a white background.

Color Contrast Check

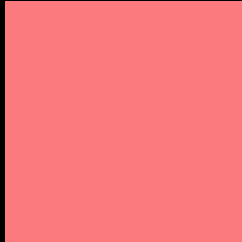
Large Text (above 18pt) WCAG AA × Fail

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 35.9090, 0.4585, 0.3264 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 35.9090, 0.4585, 0.3264

Background



This preview shows how black text looks on a background with the Yxy color 35.9090, 0.4585, 0.3264.



This preview shows how white text looks on a background with the Yxy color 35.9090, 0.4585, 0.3264.

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

35.9090, 0.4585, 0.3264

Protanopia

35.9384, 0.3360, 0.3537

Deuteranopia

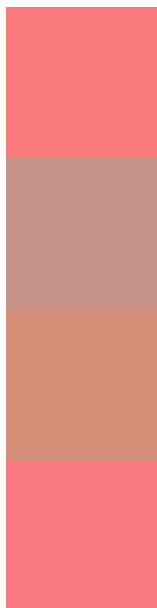
35.9811, 0.3863, 0.3778



Tritanopia

35.7957, 0.4530, 0.3202

Trichromacy



Original Color

35.9090, 0.4585, 0.3264

Protanomaly

34.8157, 0.3787, 0.3424

Deuteranomaly

35.1715, 0.4128, 0.3566

Tritanomaly

35.7425, 0.4554, 0.3222

Monochromacy



Original Color

35.9090, 0.4585, 0.3264

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

34.4749, 0.3616, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.9090, 0.4585, 0.3264 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(251, 122, 125)` looks like.

```
.text, #text, p{  
    color:rgb(251, 122, 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(251, 122, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 122, 125) }
```

Border

The CSS property to change the border of an element to Yxy 35.9090, 0.4585, 0.3264 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(251, 122, 125) }
```

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

```
.border{ border-color:rgb(251, 122, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 122, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 122, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 122, 125);  
box-shadow:4px 4px 4px 4px rgb(251, 122,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 35.9090, 0.4585, 0.3264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 122, 125) }
```

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

```
.background{ background-color: rgb(251,  
122, 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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