

Converting Colors

Yxy(35.9103, 0.4547, 0.3143)

Have a look what the booklet for
Yxy(35.9103, 0.4547, 0.3143)
contains.

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Color

Yxy(35.9103, 0.4547, 0.3143)

Conversions

Conversions Part 1

Format	Color
Hex	FF7685
RGB	255, 118, 133
RGB Percent	100%, 46%, 52%
CMY	0.0000, 0.5372, 0.4783
CMYK	0.00, 0.54, 0.48, 0.00
HSL	353°, 100%, 73%
HSV	353°, 54%, 100%
XYZ	51.9517, 35.9103, 26.3929
YIQ	160.6730, 76.8370, 33.7090

Conversions

Conversions Part 2

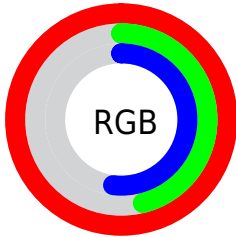
Format	Color
R_{YB}	255, 118, 133
Decimal	16742021
CIE _{Lab}	66.45, 53.42, 17.46
CIE _{LCh}	66, 56.198, 18.096
Yxy	35.9103, 0.4547, 0.3143
Android (android.graphics.Color)	4294932101 (0xFFFF7685)
YUV	160.6730, -13.6428, 82.7248
Hunter-Lab	59.9252, 49.8801, 15.8345

Details

The Yxy color **35.9103, 0.4547, 0.3143** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **81.6578, 0.2501, 0.3465**, and the grayscale version is **35.5214, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.0773, 0.3750, 0.3166**, and **15.6644, 0.4990, 0.3050** is the 20% darker color. If you saturate the color by 10%, you get **30.1347, 0.4983, 0.3132**, and if you desaturate by 10%, it is **43.4482, 0.4161, 0.3165**.

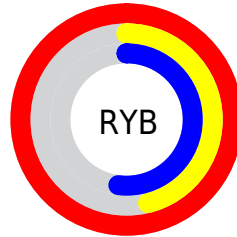
Distribution



Red (100%)

Green (46%)

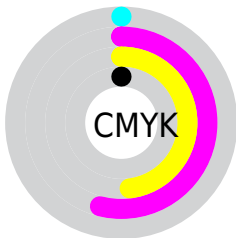
Blue (52%)



Red (100%)

Yellow (46%)

Blue (52%)

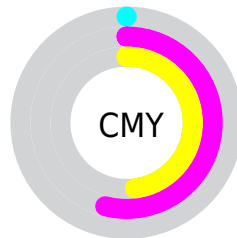


Cyan (0%)

Magenta (54%)

Yellow (48%)

Black (0%)



Cyan (0%)


Magenta (54%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.9103, 0.4547, 0.3143 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 35.9103, 0.4547, 0.3143 by changing the saturation by 10% instead.

 35.9103, 0.4547,
0.3143


 35.9103, 0.4547,
0.3143


328.5683, 0.3802,
0.3248

 24.3649, 0.4741,
0.3106

 68.8936, 0.4270,
0.3189

 15.6045, 0.4993,
0.3052


 91.1003, 0.4167,
0.3204

 9.2448, 0.5332,
0.2969


 117.6296, 0.4082,
0.3216

 4.9012, 0.5806,
0.2833

148.8658, 0.4009,
0.3225

 2.1894, 0.6504,
0.2593

185.1934, 0.3946,
0.3233

 0.7142, 0.7829,
0.2171

226.9968, 0.3892,

 0.0000, 1.0000,

0.3239

0.0000

274.6603, 0.3844,
0.3244

■ 0.0000, 0.0000,
0.0000

■ 35.9103, 0.4547,
0.3143

■ 35.9103, 0.4547,
0.3143

■ 30.1347, 0.4983,
0.3132

■ 43.4482, 0.4161,
0.3165

■ 25.9727, 0.5437,
0.3138

■ 52.8698, 0.3835,
0.3193

■ 23.2609, 0.5853,
0.3166

■ 64.2925, 0.3569,
0.3223

■ 21.7983, 0.6167,
0.3212

■ 77.8224, 0.3354,
0.3252

■ 21.3423, 0.6297,
0.3243

■ 93.5581, 0.3182,
0.3280

99.9987, 0.3127,
0.3290

Harmonies

Analogous

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



35.9103, 0.3810, 0.2604



35.9103, 0.4547, 0.3143



35.9103, 0.4816, 0.3749

Triad

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



35.9103, 0.4547, 0.3143



35.9103, 0.3128, 0.4792



35.9103, 0.1806, 0.2099

Complementary

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



35.9103, 0.4547, 0.3143



81.6578, 0.2501, 0.3465

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.



35.9103, 0.1683, 0.2475



35.9103, 0.4547, 0.3143



35.9103, 0.2374, 0.4136

Square

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



35.9103, 0.4547, 0.3143



35.9103, 0.3925, 0.4803



35.9103, 0.1866, 0.3201



35.9103, 0.2225, 0.2027

Rectangle

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



35.9103, 0.4547, 0.3143



35.9103, 0.4693, 0.4158



35.9103, 0.1866, 0.3201



35.9103, 0.1732, 0.2187

Sweetspot

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



35.9122, 0.4547, 0.3143



74.5517, 0.3399, 0.3246



38.5316, 0.3044, 0.1951



15.3450, 0.3442, 0.3240



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.



35.9122, 0.4547, 0.3143



29.9987, 0.4996, 0.3132



51.5119, 0.4386, 0.3831



18.0194, 0.3277, 0.3264



11.1628, 0.6273, 0.3229



1.0969, 0.6047, 0.3105

Inverse Universe

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



35.9122, 0.4547, 0.3143



29.9987, 0.4996, 0.3132



53.5399, 0.2306, 0.2640



18.0194, 0.3277, 0.3264



11.1628, 0.6273, 0.3229



1.0969, 0.6047, 0.3105

Previews

White Background



This preview shows how the Yxy color 35.9103, 0.4547, 0.3143 looks on a white background.

Color Contrast Check

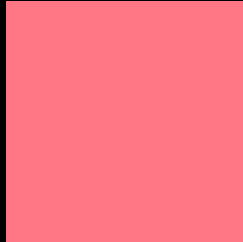
Large Text (above 18pt) WCAG AA × Fail

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 35.9103, 0.4547, 0.3143 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 35.9103, 0.4547, 0.3143

Background



This preview shows how black text looks on a background with the Yxy color 35.9103, 0.4547, 0.3143.



This preview shows how white text looks on a background with the Yxy color 35.9103, 0.4547, 0.3143.

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

35.9103, 0.4547, 0.3143

Protanopia

35.9633, 0.3229, 0.3377

Deuteranopia

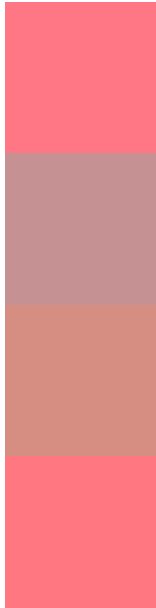
35.7938, 0.3752, 0.3675



Tritanopia

35.9860, 0.4615, 0.3214

Trichromacy



Original Color

35.9103, 0.4547, 0.3143

Protanomaly

34.3631, 0.3675, 0.3265

Deuteranomaly

35.0771, 0.4046, 0.3455

Tritanomaly

36.0386, 0.4591, 0.3194

Monochromacy



Original Color

35.9103, 0.4547, 0.3143

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

34.0873, 0.3600, 0.3211

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.9103, 0.4547, 0.3143 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, 118, 133)` looks like.

```
.text, #text, p{  
    color:rgb(255, 118, 133)  
}
```

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, 118, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 118, 133) }
```

Border

The CSS property to change the border of an element to Yxy 35.9103, 0.4547, 0.3143 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, 118, 133) }
```

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

```
.border{ border-color:rgb(255, 118, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 118, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 118, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 118, 133);  
box-shadow:4px 4px 4px 4px rgb(255, 118,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 35.9103, 0.4547, 0.3143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 118, 133) }
```

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

```
.background{ background-color: rgb(255,  
118, 133) }
```

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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