

Converting Colors

Yxy(38.4934, 0.4401, 0.3155)

Have a look what the booklet for
Yxy(38.4934, 0.4401, 0.3155)
contains.

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Color

Yxy(38.6214, 0.4400, 0.3160)

Conversions

Conversions Part 1

Format	Color
Hex	FF808D
RGB	255, 128, 141
RGB Percent	100%, 50%, 55%
CMY	0.0000, 0.4981, 0.4470
CMYK	0.00, 0.50, 0.45, 0.00
HSL	354°, 100%, 75%
HSV	354°, 50%, 100%
XYZ	53.7766, 38.6214, 29.8216
YIQ	167.4550, 71.5190, 30.9670

Conversions

Conversions Part 2

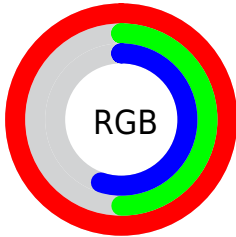
Format	Color
R _Y B	255, 128, 141
Decimal	16744589
CIE Lab	68.48, 49.42, 15.77
CIE LCh	68, 51.876, 17.692
Yxy	38.6214, 0.4400, 0.3160
Android (android.graphics.Color)	4294934669 (0xFFFF808D)
YUV	167.4550, -13.0423, 76.7770
Hunter-Lab	62.1461, 45.7049, 15.0512

Details

The Yxy color **38.6214, 0.4400, 0.3160** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **82.5171, 0.2529, 0.3439**, and the grayscale version is **38.9099, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.0671, 0.3647, 0.3167**, and **17.1222, 0.4789, 0.3085** is the 20% darker color. If you saturate the color by 10%, you get **32.1686, 0.4822, 0.3145**, and if you desaturate by 10%, it is **46.8769, 0.4034, 0.3183**.

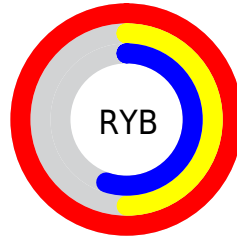
Distribution



Red (100%)

Green (50%)

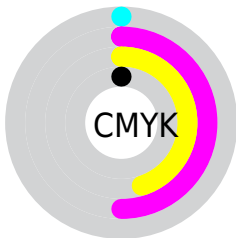
Blue (55%)



Red (100%)

Yellow (50%)

Blue (55%)

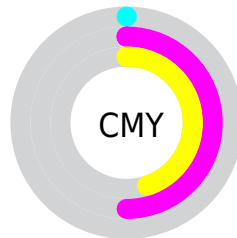


Cyan (0%)

Magenta (50%)

Yellow (45%)

Black (0%)



Cyan (0%)

Magenta (50%)

Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.6214, 0.4400, 0.3160 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 38.6214, 0.4400, 0.3160 by changing the saturation by 10% instead.


 38.6214, 0.4400,
0.3160


 38.6214, 0.4400,
0.3160


340.2782, 0.3739,
0.3250

 26.4653, 0.4571,
0.3129


 73.0596, 0.4155,
0.3199

 17.1721, 0.4792,
0.3085


 96.1105, 0.4065,
0.3211

 10.3573, 0.5088,
0.3018


 123.5618, 0.3988,
0.3222

 5.6365, 0.5503,
0.2909

155.7979, 0.3924,
0.3230

 2.6253, 0.6110,
0.2717

193.2032, 0.3868,
0.3236

 0.9394, 0.7506,
0.2494

236.1621, 0.3819,


 0.0000, 1.0000,

0.3242


0.0000


285.0589, 0.3777,
0.3246

 0.0000, 0.0000,
0.0000

 38.6214, 0.4400,
0.3160


 38.6214, 0.4400,
0.3160


 32.1686, 0.4822,
0.3145


 46.8769, 0.4034,
0.3183

 27.3957, 0.5277,
0.3145

 57.0712, 0.3729,
0.3210

 24.1424, 0.5716,
0.3163

 69.3115, 0.3482,
0.3238

 22.2237, 0.6075,
0.3201

 83.7009, 0.3284,
0.3265

 21.3477, 0.6304,
0.3248

100.0000, 0.3127,
0.3290

■ 21.3352, 0.6307,
0.3248

Harmonies

Analogous

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



38.6214, 0.3736, 0.2659



38.6214, 0.4400, 0.3160



38.6214, 0.4657, 0.3723

Triad

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



38.6214, 0.4400, 0.3160



38.6214, 0.3152, 0.4632



38.6214, 0.1911, 0.2206

Complementary

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



38.6214, 0.4400, 0.3160



82.5171, 0.2529, 0.3439

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.



38.6214, 0.1802, 0.2565



38.6214, 0.4400, 0.3160



38.6214, 0.2459, 0.4056

Square

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



38.6214, 0.4400, 0.3160



38.6214, 0.3878, 0.4659



38.6214, 0.1982, 0.3230



38.6214, 0.2299, 0.2130

Rectangle

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



38.6214, 0.4400, 0.3160



38.6214, 0.4560, 0.4096



38.6214, 0.1982, 0.3230



38.6214, 0.1844, 0.2292

Sweetspot

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



38.6169, 0.4400, 0.3160



75.9599, 0.3381, 0.3251



41.2106, 0.3053, 0.2037



15.6217, 0.3424, 0.3246



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.



38.6169, 0.4400, 0.3160



32.0633, 0.4830, 0.3145



54.1330, 0.4264, 0.3797



18.0173, 0.3278, 0.3266



11.1579, 0.6284, 0.3236



1.0960, 0.6068, 0.3116

Inverse Universe

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



38.6169, 0.4400, 0.3160



32.0633, 0.4830, 0.3145



56.0997, 0.2360, 0.2697



18.0173, 0.3278, 0.3266



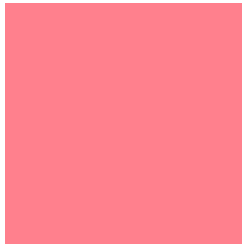
11.1579, 0.6284, 0.3236



1.0960, 0.6068, 0.3116

Previews

White Background



This preview shows how the Yxy color 38.6214, 0.4400, 0.3160 looks on a white background.

Color Contrast Check

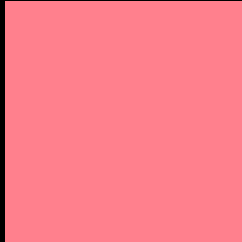
Large Text (above 18pt) WCAG AA × Fail

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 38.6214, 0.4400, 0.3160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

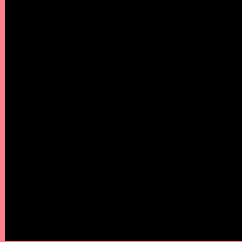
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.6214, 0.4400, 0.3160

Background



This preview shows how black text looks on a background with the Yxy color 38.6214, 0.4400, 0.3160.



This preview shows how white text looks on a background with the Yxy color 38.6214, 0.4400, 0.3160.

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

38.6214, 0.4400, 0.3160

Protanopia

38.9813, 0.3226, 0.3374

Deuteranopia

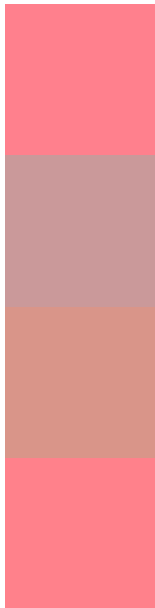
38.8411, 0.3710, 0.3637



Tritanopia

38.7955, 0.4430, 0.3202

Trichromacy



Original Color

38.6214, 0.4400, 0.3160

Protanomaly

37.6721, 0.3619, 0.3279

Deuteranomaly

38.0527, 0.3966, 0.3440

Tritanomaly

38.8246, 0.4418, 0.3191

Monochromacy



Original Color

38.6214, 0.4400, 0.3160

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

37.3932, 0.3547, 0.3226

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.6214, 0.4400, 0.3160 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, 128, 141)` looks like.

```
.text, #text, p{  
    color:rgb(255, 128, 141)  
}
```

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, 128, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 128, 141) }
```

Border

The CSS property to change the border of an element to Yxy 38.6214, 0.4400, 0.3160 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, 128, 141) }
```

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

```
.border{ border-color:rgb(255, 128, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 128, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 128, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 128, 141);  
box-shadow:4px 4px 4px 4px rgb(255, 128,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 38.6214, 0.4400, 0.3160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 128, 141) }
```

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

```
.background{ background-color: rgb(255,  
128, 141) }
```

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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