

Converting Colors

$Y_{xy}(43.6811, 0.4592, 0.3178)$

Have a look what the booklet for
Yxy(43.6811, 0.4592, 0.3178)
contains.

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Color

Yxy(38.9135, 0.4383, 0.3160)

Conversions

Conversions Part 1

Format	Color
Hex	FF818E
RGB	255, 129, 142
RGB Percent	100%, 51%, 56%
CMY	0.0000, 0.4941, 0.4431
CMYK	0.00, 0.49, 0.44, 0.00
HSL	354°, 100%, 75%
HSV	354°, 49%, 100%
XYZ	53.9740, 38.9135, 30.2565
YIQ	168.1560, 70.9230, 30.7550

Conversions

Conversions Part 2

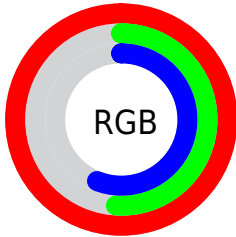
Format	Color
R _Y B	255, 129, 142
Decimal	16744846
CIE Lab	68.69, 49.01, 15.50
CIE LCh	69, 51.406, 17.553
Yxy	38.9135, 0.4383, 0.3160
Android (android.graphics.Color)	4294934926 (0xFFFF818E)
YUV	168.1560, -12.8949, 76.1622
Hunter-Lab	62.3807, 45.2784, 14.9091

Details

The Yxy color **38.9135, 0.4383, 0.3160** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **82.5986, 0.2533, 0.3439**, and the grayscale version is **39.2773, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.5265, 0.3636, 0.3167**, and **17.2742, 0.4765, 0.3083** is the 20% darker color. If you saturate the color by 10%, you get **32.3961, 0.4803, 0.3145**, and if you desaturate by 10%, it is **47.2498, 0.4020, 0.3184**.

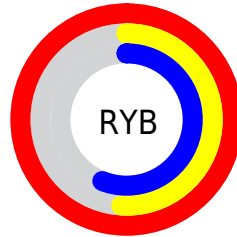
Distribution



Red (100%)

Green (51%)

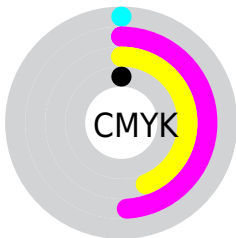
Blue (56%)



Red (100%)

Yellow (51%)

Blue (56%)

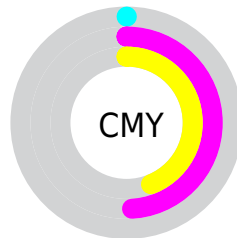


Cyan (0%)

Magenta (49%)

Yellow (44%)

Black (0%)



Cyan (0%)


Magenta (49%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.9135, 0.4383, 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 38.9135, 0.4383, 0.3160 by changing the saturation by 10% instead.


 38.9135, 0.4383,
0.3160


 38.9135, 0.4383,
0.3160


341.5226, 0.3732,
0.3249


 26.6924, 0.4551,
0.3130


 73.5062, 0.4142,
0.3198

 17.3424, 0.4768,
0.3086


 96.6465, 0.4053,
0.3211

 10.4789, 0.5060,
0.3021


 124.1955, 0.3978,
0.3221

 5.7176, 0.5468,
0.2914

156.5374, 0.3914,
0.3229

 2.6741, 0.6067,
0.2727

194.0567, 0.3859,
0.3235

 0.9641, 0.7476,
0.2524

237.1377, 0.3811,


 0.0000, 1.0000,


0.3241


0.0000


286.1649, 0.3769,
0.3245


 0.0000, 0.0000,
0.0000


 38.9135, 0.4383,
0.3160


 38.9135, 0.4383,
0.3160

 32.3961, 0.4803,
0.3145


 47.2498, 0.4020,
0.3184


 27.5587, 0.5257,
0.3144

 57.5238, 0.3718,
0.3211

 24.2474, 0.5698,
0.3161


 69.8478, 0.3473,
0.3239

 22.2788, 0.6062,
0.3199

 84.3248, 0.3276,
0.3266

 21.3748, 0.6296,
0.3246

100.0000, 0.3127,
0.3290

 21.3359, 0.6306,
0.3248

Harmonies

Analogous

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



38.9135, 0.3726, 0.2663



38.9135, 0.4383, 0.3160



38.9135, 0.4640, 0.3718

Triad

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



38.9135, 0.4383, 0.3160



38.9135, 0.3157, 0.4616



38.9135, 0.1922, 0.2218

Complementary

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



38.9135, 0.4383, 0.3160



82.5986, 0.2533, 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.



38.9135, 0.1815, 0.2576



38.9135, 0.4383, 0.3160



38.9135, 0.2470, 0.4050

Square

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



38.9135, 0.4383, 0.3160



38.9135, 0.3874, 0.4643



38.9135, 0.1996, 0.3236



38.9135, 0.2305, 0.2141

Rectangle

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



38.9135, 0.4383, 0.3160



38.9135, 0.4546, 0.4088



38.9135, 0.1996, 0.3236



38.9135, 0.1855, 0.2304

Sweetspot

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



38.9146, 0.4383, 0.3160



75.9611, 0.3381, 0.3251



41.4995, 0.3054, 0.2046



15.6220, 0.3424, 0.3245



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.



38.9146, 0.4383, 0.3160



32.6294, 0.4785, 0.3145



54.4090, 0.4251, 0.3793



18.0175, 0.3278, 0.3266



11.1583, 0.6283, 0.3235



1.0960, 0.6066, 0.3115

Inverse Universe

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



38.9146, 0.4383, 0.3160



32.6294, 0.4785, 0.3145



56.3687, 0.2366, 0.2702



18.0175, 0.3278, 0.3266



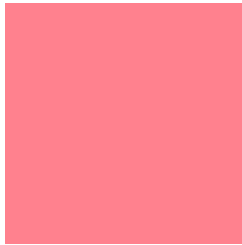
11.1583, 0.6283, 0.3235



1.0960, 0.6066, 0.3115

Previews

White Background



This preview shows how the Yxy color 38.9135, 0.4383, 0.3160 looks on a white background.

Color Contrast Check

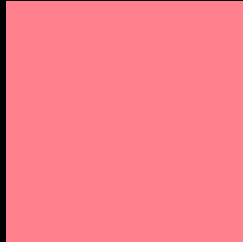
Large Text (above 18pt) WCAG AA × Fail

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 38.9135, 0.4383, 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 38.9135, 0.4383, 0.3160

Background



This preview shows how black text looks on a background with the Yxy color 38.9135, 0.4383, 0.3160.



This preview shows how white text looks on a background with the Yxy color 38.9135, 0.4383, 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

38.9135, 0.4383, 0.3160

Protanopia

39.0167, 0.3217, 0.3360

Deuteranopia

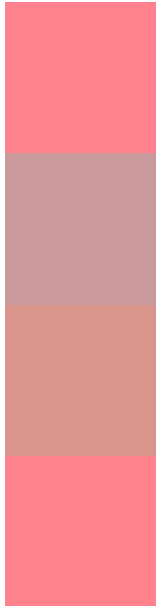
38.8980, 0.3691, 0.3610



Tritanopia

39.0893, 0.4413, 0.3201

Trichromacy



Original Color

38.9135, 0.4383, 0.3160

Protanomaly

37.7056, 0.3609, 0.3266

Deuteranomaly

38.1107, 0.3945, 0.3415

Tritanomaly

39.1187, 0.4401, 0.3191

Monochromacy



Original Color

38.9135, 0.4383, 0.3160

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

37.8938, 0.3545, 0.3226

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.9135, 0.4383, 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, 129, 142)` looks like.

```
.text, #text, p{  
    color:rgb(255, 129, 142)  
}
```

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, 129, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 129, 142) }
```

Border

The CSS property to change the border of an element to Yxy 38.9135, 0.4383, 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, 129, 142) }
```

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

```
.border{ border-color:rgb(255, 129, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 129, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 129, 142); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 129, 142); box-shadow:4px 4px 4px 4px rgb(255, 129, 142) }
```


Background

The CSS property to change the background color of an element to Yxy 38.9135, 0.4383, 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, 129, 142) }
```

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

```
.background{ background-color: rgb(255,  
129, 142) }
```

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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