

Converting Colors

Yxy(38.6174, 0.4422, 0.3183)

Have a look what the booklet for
Yxy(38.6174, 0.4422, 0.3183)
contains.

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Color

Yxy(38.5624, 0.4423, 0.3181)

Conversions

Conversions Part 1

Format	Color
Hex	FF808B
RGB	255, 128, 139
RGB Percent	100%, 50%, 55%
CMY	0.0000, 0.4980, 0.4549
CMYK	0.00, 0.50, 0.45, 0.00
HSL	355°, 100%, 75%
HSV	355°, 50%, 100%
XYZ	53.6188, 38.5624, 29.0461
YIQ	167.2270, 72.1610, 30.3450

Conversions

Conversions Part 2

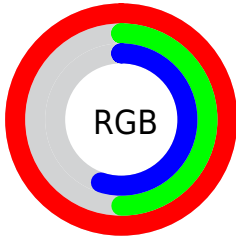
Format	Color
R_{YB}	255, 128, 139
Decimal	16744587
CIE _{Lab}	68.43, 49.20, 16.83
CIE _{LCh}	68, 52.001, 18.880
Yxy	38.5624, 0.4423, 0.3181
Android (android.graphics.Color)	4294934667 (0xFFFF808B)
YUV	167.2270, -13.9159, 76.9769
Hunter-Lab	62.0986, 45.4525, 15.7367

Details

The Yxy color **38.5624, 0.4423, 0.3181** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **82.6391, 0.2521, 0.3416**, and the grayscale version is **38.8047, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.9327, 0.3673, 0.3198**, and **17.0882, 0.4823, 0.3110** is the 20% darker color. If you saturate the color by 10%, you get **32.1169, 0.4853, 0.3169**, and if you desaturate by 10%, it is **46.8280, 0.4050, 0.3200**.

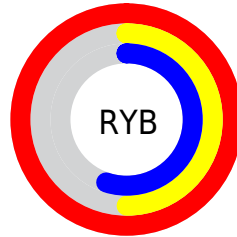
Distribution



Red (100%)

Green (50%)

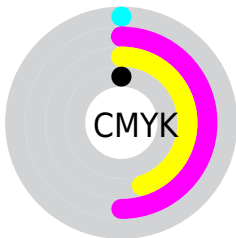
Blue (55%)



Red (100%)

Yellow (50%)

Blue (55%)

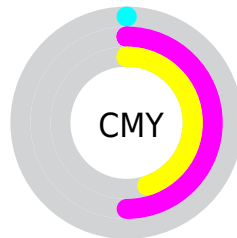


Cyan (0%)

Magenta (50%)

Yellow (45%)

Black (0%)



Cyan (0%)


Magenta (50%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.5624, 0.4423, 0.3181 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 38.5624, 0.4423, 0.3181 by changing the saturation by 10% instead.


 38.5624, 0.4423,
0.3181


 38.5624, 0.4423,
0.3181


340.0264, 0.3750,
0.3262

 26.4195, 0.4597,
0.3152


 72.9693, 0.4174,
0.3217

 17.1377, 0.4821,
0.3110


 96.0021, 0.4081,
0.3228

 10.3327, 0.5123,
0.3045


 123.4337, 0.4004,
0.3237

 5.6201, 0.5543,
0.2937

155.6484, 0.3938,
0.3244

 2.6155, 0.6157,
0.2744

193.0306, 0.3881,
0.3250

 0.9345, 0.7501,
0.2499


235.9647, 0.3832,

 0.0000, 1.0000,


0.3255


0.0000


284.8352, 0.3788,
0.3259


 0.0000, 0.0000,
0.0000


 38.5624, 0.4423,
0.3181


 38.5624, 0.4423,
0.3181


 32.1169, 0.4853,
0.3169


 46.8280, 0.4050,
0.3200


 27.3486, 0.5313,
0.3170


 57.0307, 0.3740,
0.3223

 24.1032, 0.5754,
0.3187

 69.2846, 0.3488,
0.3246

 22.1946, 0.6108,
0.3220

 83.6933, 0.3286,
0.3269

 21.3305, 0.6325,
0.3259

99.9993, 0.3127,
0.3290

■ 21.3176, 0.6328,
0.3260

Harmonies

Analogous

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



38.5624, 0.3769, 0.2675



38.5624, 0.4423, 0.3181



38.5624, 0.4661, 0.3746

Triad

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



38.5624, 0.4423, 0.3181



38.5624, 0.3122, 0.4623



38.5624, 0.1918, 0.2195

Complementary

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



38.5624, 0.4423, 0.3181



82.6391, 0.2521, 0.3416

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.



38.5624, 0.1798, 0.2543



38.5624, 0.4423, 0.3181



38.5624, 0.2433, 0.4027

Square

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



38.5624, 0.4423, 0.3181



38.5624, 0.3852, 0.4672



38.5624, 0.1966, 0.3199



38.5624, 0.2318, 0.2129

Rectangle

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



38.5624, 0.4423, 0.3181



38.5624, 0.4551, 0.4119



38.5624, 0.1966, 0.3199



38.5624, 0.1847, 0.2277

Sweetspot

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



38.5644, 0.4423, 0.3181



75.9276, 0.3386, 0.3257



41.5905, 0.3072, 0.2045



15.6141, 0.3429, 0.3253



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.



38.5644, 0.4423, 0.3181



32.0063, 0.4862, 0.3169



54.9798, 0.4251, 0.3818



18.0126, 0.3281, 0.3270



11.1479, 0.6308, 0.3248



1.0937, 0.6117, 0.3143

Inverse Universe

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



38.5644, 0.4423, 0.3181



32.0063, 0.4862, 0.3169



55.0913, 0.2355, 0.2670



18.0126, 0.3281, 0.3270



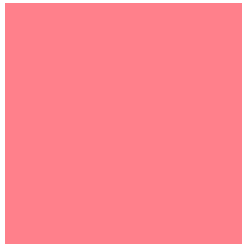
11.1479, 0.6308, 0.3248



1.0937, 0.6117, 0.3143

Previews

White Background



This preview shows how the Yxy color 38.5624, 0.4423, 0.3181 looks on a white background.

Color Contrast Check

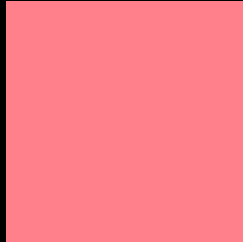
Large Text (above 18pt) WCAG AA × Fail

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 38.5624, 0.4423, 0.3181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

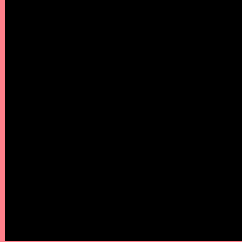
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.5624, 0.4423, 0.3181

Background



This preview shows how black text looks on a background with the Yxy color 38.5624, 0.4423, 0.3181.



This preview shows how white text looks on a background with the Yxy color 38.5624, 0.4423, 0.3181.

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

38.5624, 0.4423, 0.3181

Protanopia

38.9113, 0.3243, 0.3403

Deuteranopia

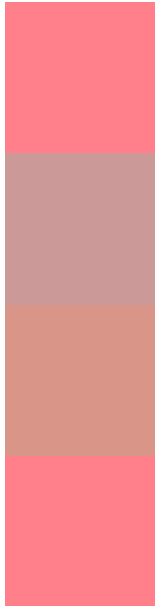
38.8131, 0.3720, 0.3650



Tritanopia

38.5045, 0.4447, 0.3202

Trichromacy



Original Color

38.5624, 0.4423, 0.3181

Protanomaly

37.6060, 0.3639, 0.3304

Deuteranomaly

38.0242, 0.3977, 0.3452

Tritanomaly

38.5333, 0.4435, 0.3191

Monochromacy



Original Color

38.5624, 0.4423, 0.3181

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

37.3589, 0.3557, 0.3239

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.5624, 0.4423, 0.3181 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, 139)` looks like.

```
.text, #text, p{  
    color:rgb(255, 128, 139)  
}
```

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, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 128, 139) }
```

Border

The CSS property to change the border of an element to Yxy 38.5624, 0.4423, 0.3181 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, 139) }
```

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

```
.border{ border-color:rgb(255, 128, 139) }
```

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, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 128, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 128, 139);  
box-shadow:4px 4px 4px 4px rgb(255, 128,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 38.5624, 0.4423, 0.3181 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, 139) }
```

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

```
.background{ background-color: rgb(255,  
128, 139) }
```

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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