

Converting Colors

Yxy(38.0448, 0.4310, 0.3173)

Have a look what the booklet for
Yxy(38.0448, 0.4310, 0.3173)
contains.

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Color

Yxy(38.1421, 0.4306, 0.3176)

Conversions

Conversions Part 1

Format	Color
Hex	F8838E
RGB	248, 131, 142
RGB Percent	97%, 51%, 56%
CMY	0.0274, 0.4863, 0.4430
CMYK	0.00, 0.47, 0.43, 0.03
HSL	354°, 89%, 74%
HSV	354°, 47%, 97%
XYZ	51.7128, 38.1421, 30.2399
YIQ	167.2370, 66.2010, 28.2250

Conversions

Conversions Part 2

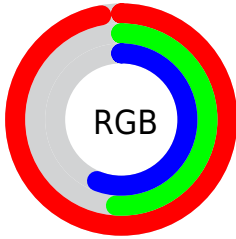
Format	Color
R _Y B	248, 131, 142
Decimal	16286606
CIE Lab	68.13, 45.58, 14.56
CIE LCh	68, 47.844, 17.712
Yxy	38.1421, 0.4306, 0.3176
Android (android.graphics.Color)	4294476686 (0xFFFF8838E)
YUV	167.2370, -12.4418, 70.8292
Hunter-Lab	61.7593, 41.3844, 14.2007

Details

The Yxy color **38.1421, 0.4306, 0.3176** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **78.0748, 0.2549, 0.3419**, and the grayscale version is **38.8048, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.3633, 0.3631, 0.3187**, and **16.9129, 0.4672, 0.3111** is the 20% darker color. If you saturate the color by 10%, you get **31.6523, 0.4718, 0.3160**, and if you desaturate by 10%, it is **46.3658, 0.3954, 0.3198**.

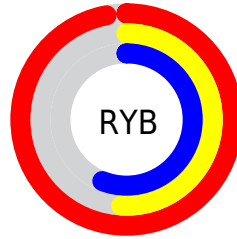
Distribution



Red (97%)

Green (51%)

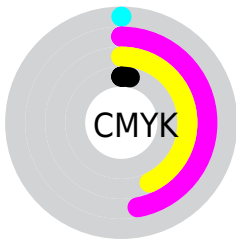
Blue (56%)



Red (97%)

Yellow (51%)

Blue (56%)

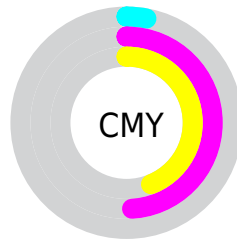


Cyan (0%)

Magenta (47%)

Yellow (43%)

Black (3%)



Cyan (3%)


Magenta (49%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.1421, 0.4306, 0.3176 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 38.1421, 0.4306, 0.3176 by changing the saturation by 10% instead.

 38.1421, 0.4306,
0.3176


 38.1421, 0.4306,
0.3176


338.2291, 0.3692,
0.3255

 26.0930, 0.4465,
0.3149

 72.3259, 0.4078,
0.3210

 16.8932, 0.4673,
0.3110


 95.2294, 0.3994,
0.3221

 10.1584, 0.4952,
0.3051


 122.5197, 0.3923,
0.3230

 5.5041, 0.5347,
0.2953

154.5814, 0.3863,
0.3237

 2.5460, 0.5933,
0.2778

191.7988, 0.3811,
0.3243

 0.8996, 0.7388,
0.2612

234.5563, 0.3766,

 0.0000, 1.0000,

0.3247

0.0000

283.2383, 0.3727,
0.3251

■ 0.0000, 0.0000,
0.0000

■ 38.1421, 0.4306,
0.3176

■ 38.1421, 0.4306,
0.3176

■ 31.6523, 0.4718,
0.3160

■ 46.3658, 0.3954,
0.3198

■ 26.7667, 0.5170,
0.3156

■ 56.4293, 0.3663,
0.3224

■ 23.3471, 0.5621,
0.3169


■ 68.4368, 0.3428,
0.3249


■ 21.2289, 0.6006,
0.3200

■ 82.4832, 0.3239,
0.3274

■ 20.2012, 0.6266,
0.3244

■ 98.6547, 0.3088,
0.3296

 20.0203, 0.6317,
0.3253

 98.6970, 0.3084,
0.3290

Harmonies

Analogous

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



38.1421, 0.3694, 0.2701



38.1421, 0.4306, 0.3176



38.1421, 0.4548, 0.3708

Triad

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



38.1421, 0.4306, 0.3176



38.1421, 0.3158, 0.4522



38.1421, 0.1988, 0.2278

Complementary

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



38.1421, 0.4306, 0.3176



78.0748, 0.2549, 0.3419

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.



38.1421, 0.1885, 0.2621



38.1421, 0.4306, 0.3176



38.1421, 0.2509, 0.3994

Square

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



38.1421, 0.4306, 0.3176



38.1421, 0.3835, 0.4563



38.1421, 0.2059, 0.3241



38.1421, 0.2355, 0.2202

Rectangle

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



38.1421, 0.4306, 0.3176



38.1421, 0.4463, 0.4056



38.1421, 0.2059, 0.3241



38.1421, 0.1924, 0.2361

Sweetspot

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



38.1441, 0.4306, 0.3176



77.3894, 0.3364, 0.3257



40.8954, 0.3077, 0.2106



15.9025, 0.3407, 0.3252



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.



38.1441, 0.4306, 0.3176



33.7754, 0.4714, 0.3160



53.3579, 0.4170, 0.3792



17.2518, 0.3279, 0.3268



10.8235, 0.6296, 0.3242



1.0111, 0.6082, 0.3124

Inverse Universe

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



38.1441, 0.4306, 0.3176



33.7754, 0.4714, 0.3160



53.4707, 0.2394, 0.2709



17.2518, 0.3279, 0.3268



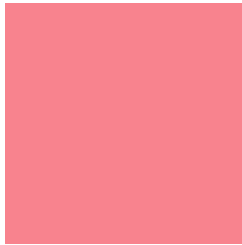
10.8235, 0.6296, 0.3242



1.0111, 0.6082, 0.3124

Previews

White Background



This preview shows how the Yxy color 38.1421, 0.4306, 0.3176 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 38.1421, 0.4306, 0.3176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

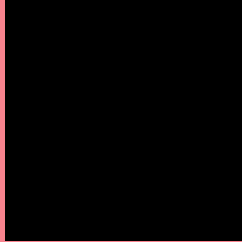
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.1421, 0.4306, 0.3176

Background



This preview shows how black text looks on a background with the Yxy color 38.1421, 0.4306, 0.3176.



This preview shows how white text looks on a background with the Yxy color 38.1421, 0.4306, 0.3176.

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

38.1421, 0.4306, 0.3176

Protanopia

38.4684, 0.3226, 0.3375

Deuteranopia

38.2852, 0.3674, 0.3600



Tritanopia

38.1121, 0.4318, 0.3187

Trichromacy



Original Color

38.1421, 0.4306, 0.3176



Protanomaly

37.2245, 0.3598, 0.3291



Deuteranomaly

37.5051, 0.3904, 0.3417



Tritanomaly

38.1121, 0.4318, 0.3187

Monochromacy



Original Color

38.1421, 0.4306, 0.3176



Achromatopsia

38.6429, 0.3127, 0.3290



Achromatomaly

37.3156, 0.3514, 0.3239

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.1421, 0.4306, 0.3176 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(248, 131, 142)` looks like.

```
.text, #text, p{  
    color:rgb(248, 131, 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(248, 131, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 131, 142) }
```

Border

The CSS property to change the border of an element to Yxy 38.1421, 0.4306, 0.3176 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(248, 131, 142) }
```

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

```
.border{ border-color:rgb(248, 131, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 131, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 131, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 131, 142);  
box-shadow:4px 4px 4px 4px rgb(248, 131,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 38.1421, 0.4306, 0.3176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 131, 142) }
```

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

```
.background{ background-color: rgb(248,  
131, 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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