

Converting Colors

$Y_{xy}(38.1680, 0.4558, 0.3297)$

Have a look what the booklet for
Yxy(38.1680, 0.4558, 0.3297)
contains.

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Color

Yxy(38.2306, 0.4563, 0.3304)

Conversions

Conversions Part 1

Format	Color
Hex	FF807F
RGB	255, 128, 127
RGB Percent	100%, 50%, 50%
CMY	0.0000, 0.4981, 0.5019
CMYK	0.00, 0.50, 0.50, 0.00
HSL	0°, 100%, 75%
HSV	0°, 50%, 100%
XYZ	52.7985, 38.2306, 24.6810
YIQ	165.8590, 76.0130, 26.6130

Conversions

Conversions Part 2

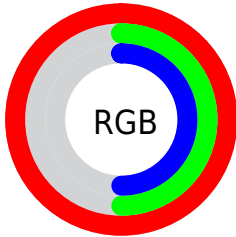
Format	Color
R _Y B	255, 128, 127
Decimal	16744575
CIE Lab	68.19, 48.13, 23.21
CIE LCh	68, 53.437, 25.744
Yxy	38.2306, 0.4563, 0.3304
Android (android.graphics.Color)	4294934655 (0xFFFF807F)
YUV	165.8590, -19.1575, 78.1767
Hunter-Lab	61.8309, 44.2202, 19.6149

Details

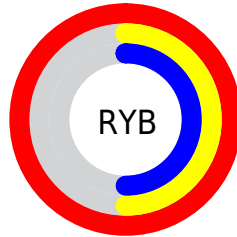
The Yxy color **38.2306, 0.4563, 0.3304** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **82.6377, 0.2469, 0.3277**, and the grayscale version is **38.1242, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.4223, 0.3778, 0.3323**, and **16.9170, 0.5005, 0.3248** is the 20% darker color. If you saturate the color by 10%, you get **31.8464, 0.5028, 0.3306**, and if you desaturate by 10%, it is **46.4224, 0.4152, 0.3301**.

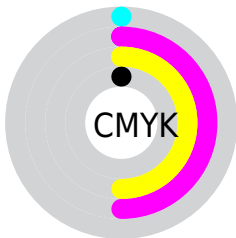
Distribution



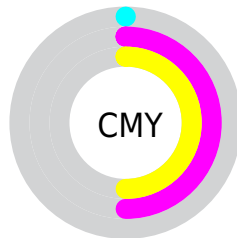
- Red (100%)
- Green (50%)
- Blue (50%)



- Red (100%)
- Yellow (50%)
- Blue (50%)



- Cyan (0%)
- Magenta (50%)
- Yellow (50%)
- Black (0%)




- Cyan (0%)
- Magenta (50%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.2306, 0.4563, 0.3304 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 38.2306, 0.4563, 0.3304 by changing the saturation by 10% instead.

 38.2306, 0.4563,
0.3304


 38.2306, 0.4563,
0.3304


338.6082, 0.3817,
0.3333

 26.1617, 0.4754,
0.3284

 72.4614, 0.4287,
0.3323

 16.9447, 0.5001,
0.3252

 95.3922, 0.4185,
0.3328

 10.1950, 0.5328,
0.3195


 122.7124, 0.4099,
0.3331

 5.5285, 0.5777,
0.3092

154.8063, 0.4026,
0.3332

 2.5605, 0.6448,
0.2906

192.0585, 0.3962,
0.3333

 0.9069, 0.7480,
0.2520

234.8533, 0.3908,

 0.0000, 1.0000,

0.3333

0.0000

283.5750, 0.3859,
0.3333

■ 0.0000, 0.0000,
0.0000

■ 38.2306, 0.4563,
0.3304

■ 38.2306, 0.4563,
0.3304

■ 31.8464, 0.5028,
0.3306

■ 46.4224, 0.4152,
0.3301

■ 27.1419, 0.5511,
0.3307

■ 56.5552, 0.3809,
0.3298

■ 23.9565, 0.5943,
0.3307

■ 68.7382, 0.3531,
0.3295

■ 22.1030, 0.6249,
0.3304

■ 83.0755, 0.3308,
0.3292

■ 21.3018, 0.6397,
0.3303

99.6642, 0.3130,
0.3290

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



38.2306, 0.3967, 0.2767



38.2306, 0.4563, 0.3304



38.2306, 0.4690, 0.3886

Triad

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



38.2306, 0.4563, 0.3304



38.2306, 0.2945, 0.4574



38.2306, 0.1956, 0.2127

Complementary

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



38.2306, 0.4563, 0.3304



82.6377, 0.2469, 0.3277

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.



38.2306, 0.1767, 0.2410



38.2306, 0.4563, 0.3304



38.2306, 0.2277, 0.3858

Square

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



38.2306, 0.4563, 0.3304



38.2306, 0.3704, 0.4751



38.2306, 0.1868, 0.3013



38.2306, 0.2428, 0.2121

Rectangle

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



38.2306, 0.4563, 0.3304



38.2306, 0.4506, 0.4260



38.2306, 0.1868, 0.3013



38.2306, 0.1862, 0.2188

Sweetspot

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



38.2273, 0.4563, 0.3304



75.9026, 0.3409, 0.3294



43.6634, 0.3184, 0.2079



15.6081, 0.3457, 0.3294



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.



38.2273, 0.4563, 0.3304



31.9510, 0.5019, 0.3306



60.0583, 0.4189, 0.3949



18.0090, 0.3294, 0.3292



11.1402, 0.6395, 0.3304



1.0921, 0.6383, 0.3314

Inverse Universe

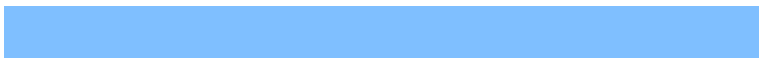
The Inverse Universe completely reimagines the original color for something new.



82.6377, 0.2469, 0.3277



80.8291, 0.2387, 0.3274



48.9990, 0.2317, 0.2499



20.4565, 0.2980, 0.3288



40.5148, 0.2240, 0.3265



3.9521, 0.2241, 0.3267

Previews

White Background



This preview shows how the Yxy color 38.2306, 0.4563, 0.3304 looks on a white background.

Color Contrast Check

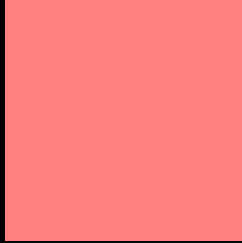
Large Text (above 18pt) WCAG AA × Fail

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 38.2306, 0.4563, 0.3304 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

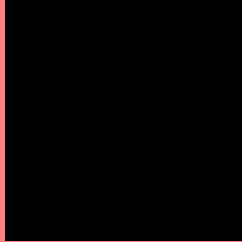
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.2306, 0.4563, 0.3304

Background



This preview shows how black text looks on a background with the Yxy color 38.2306, 0.4563, 0.3304.



This preview shows how white text looks on a background with the Yxy color 38.2306, 0.4563, 0.3304.

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

38.2306, 0.4563, 0.3304

Protanopia

38.4307, 0.3400, 0.3587

Deuteranopia

38.4171, 0.3861, 0.3793



Tritanopia

38.2163, 0.4464, 0.3202

Trichromacy



Original Color

38.2306, 0.4563, 0.3304

Protanomaly

37.1288, 0.3809, 0.3473

Deuteranomaly

37.5405, 0.4120, 0.3585

Tritanomaly

38.1322, 0.4499, 0.3233

Monochromacy



Original Color

38.2306, 0.4563, 0.3304

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

36.7292, 0.3601, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.2306, 0.4563, 0.3304 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, 127)` looks like.

```
.text, #text, p{  
    color:rgb(255, 128, 127)  
}
```

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, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 128, 127) }
```

Border

The CSS property to change the border of an element to Yxy 38.2306, 0.4563, 0.3304 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, 127) }
```

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

```
.border{ border-color:rgb(255, 128, 127) }
```

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, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 128, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 128, 127);  
box-shadow:4px 4px 4px 4px rgb(255, 128,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 38.2306, 0.4563, 0.3304 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, 127) }
```

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

```
.background{ background-color: rgb(255,  
128, 127) }
```

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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