

Converting Colors

$Y_{xy}(38.4382, 0.4509, 0.3570)$

Have a look what the booklet for
Yxy(38.4382, 0.4509, 0.3570)
contains.

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Color

Yxy(38.3809, 0.4508, 0.3564)

Conversions

Conversions Part 1

Format	Color
Hex	F18B72
RGB	241, 139, 114
RGB Percent	95%, 55%, 45%
CMY	0.0549, 0.4549, 0.5530
CMYK	0.00, 0.42, 0.53, 0.05
HSL	12°, 82%, 70%
HSV	12°, 53%, 95%
XYZ	48.5469, 38.3809, 20.7627
YIQ	166.6480, 68.8170, 13.8490

Conversions

Conversions Part 2

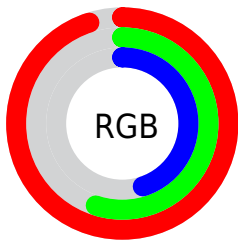
Format	Color
R _Y B	241, 145, 114
Decimal	15829874
CIE Lab	68.30, 36.31, 30.23
CIE LCh	68, 47.250, 39.774
Yxy	38.3809, 0.4508, 0.3564
Android (android.graphics.Color)	4294019954 (0xFFFF18B72)
YUV	166.6480, -25.9555, 65.2067
Hunter-Lab	61.9523, 31.4591, 23.4961

Details

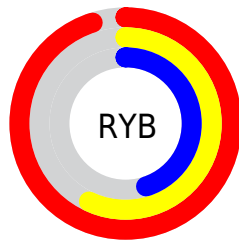
The Yxy color **38.3809, 0.4508, 0.3564** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **59.0319, 0.2386, 0.2974**, and the grayscale version is **38.5673, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.5967, 0.3861, 0.3585**, and **17.0335, 0.4917, 0.3572** is the 20% darker color. If you saturate the color by 10%, you get **32.7873, 0.4912, 0.3595**, and if you desaturate by 10%, it is **45.1151, 0.4145, 0.3518**.

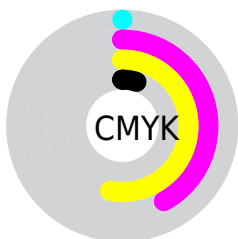
Distribution



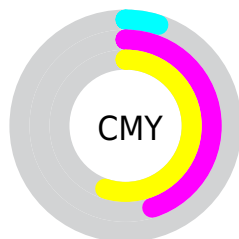
- Red (95%)
- Green (55%)
- Blue (45%)



- Red (95%)
- Yellow (57%)
- Blue (45%)



- Cyan (0%)
- Magenta (42%)
- Yellow (53%)
- Black (5%)





- Cyan (5%)
- Magenta (45%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.3809, 0.4508, 0.3564 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 38.3809, 0.4508, 0.3564 by changing the saturation by 10% instead.


 38.3809, 0.4508,
0.3564


 38.3809, 0.4508,
0.3564


339.2511, 0.3793,
0.3463


 26.2784, 0.4689,
0.3575


 72.6916, 0.4245,
0.3538


 17.0321, 0.4922,
0.3579


 95.6686, 0.4147,
0.3525

 10.2574, 0.5227,
0.3567


 123.0393, 0.4064,
0.3512

 5.5699, 0.5637,
0.3518

 155.1880, 0.3994,
0.3501

 2.5854, 0.6394,
0.3481

192.4991, 0.3933,
0.3490

 0.9193, 0.6989,
0.3011

235.3571, 0.3880,

 0.0000, 1.0000,

0.3481

0.0000

284.1463, 0.3834,
0.3472

0.0000, 0.0000,
0.0000

38.3809, 0.4508,
0.3564

38.3809, 0.4508,
0.3564

32.7873, 0.4912,
0.3595

45.1151, 0.4145,
0.3518

28.2644, 0.5332,
0.3602

53.0428, 0.3832,
0.3464

24.7436, 0.5725,
0.3575


62.2206, 0.3569,
0.3408

22.1454, 0.6040,
0.3512

72.6999, 0.3350,
0.3354

20.7736, 0.6206,
0.3455

84.5290, 0.3170,
0.3303

 97.4423, 0.3041,
0.3290

Harmonies

Analogous

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



38.3809, 0.4157, 0.3046



38.3809, 0.4508, 0.3564



38.3809, 0.4427, 0.4082

Triad

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



38.3809, 0.4508, 0.3564



38.3809, 0.2675, 0.4159



38.3809, 0.2245, 0.2212

Complementary

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



38.3809, 0.4508, 0.3564



59.0319, 0.2386, 0.2974

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.



38.3809, 0.1949, 0.2354



38.3809, 0.4508, 0.3564



38.3809, 0.2165, 0.3437

Square

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



38.3809, 0.4508, 0.3564



38.3809, 0.3341, 0.4562



38.3809, 0.1919, 0.2768



38.3809, 0.2787, 0.2307

Rectangle

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



38.3809, 0.4508, 0.3564



38.3809, 0.4163, 0.4373



38.3809, 0.1919, 0.2768



38.3809, 0.2117, 0.2231

Sweetspot

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



38.3829, 0.4508, 0.3564



78.4939, 0.3419, 0.3372



35.7797, 0.3414, 0.2225



16.2704, 0.3463, 0.3383



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.



38.3829, 0.4508, 0.3564



36.9951, 0.4932, 0.3596



61.5890, 0.4109, 0.4208



16.2629, 0.3288, 0.3337



11.4129, 0.6181, 0.3474



1.0842, 0.5940, 0.3666

Inverse Universe

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



59.0319, 0.2386, 0.2974



62.5829, 0.2279, 0.2899



33.1066, 0.2215, 0.2132



17.3690, 0.2981, 0.3242



24.4463, 0.2068, 0.2646



2.1670, 0.2095, 0.2740

Previews

White Background



This preview shows how the Yxy color 38.3809, 0.4508, 0.3564 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 38.3809, 0.4508, 0.3564 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 38.3809, 0.4508, 0.3564

Background



This preview shows how black text looks on a background with the Yxy color 38.3809, 0.4508, 0.3564.



This preview shows how white text looks on a background with the Yxy color 38.3809, 0.4508, 0.3564.

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

38.3809, 0.4508, 0.3564

Protanopia

38.7275, 0.3610, 0.3865

Deuteranopia

38.5468, 0.4005, 0.3938



Tritanopia

38.4270, 0.4204, 0.3184

Trichromacy



Original Color

38.3809, 0.4508, 0.3564

Protanomaly

38.0756, 0.3928, 0.3745

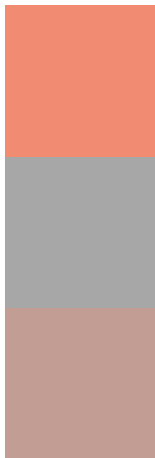
Deuteranomaly

38.0512, 0.4198, 0.3792

Tritanomaly

38.2068, 0.4315, 0.3315

Monochromacy



Original Color

38.3809, 0.4508, 0.3564

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

37.7214, 0.3586, 0.3411

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.3809, 0.4508, 0.3564 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(241, 139, 114)` looks like.

```
.text, #text, p{  
    color:rgb(241, 139, 114)  
}
```

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(241, 139, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 139, 114) }
```

Border

The CSS property to change the border of an element to Yxy 38.3809, 0.4508, 0.3564 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(241, 139, 114) }
```

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

```
.border{ border-color:rgb(241, 139, 114) }
```

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

Here you see how a box with a 4 pixel rgb(241, 139, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 139, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 139, 114);  
box-shadow:4px 4px 4px 4px rgb(241, 139,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 38.3809, 0.4508, 0.3564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 139, 114) }
```

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

```
.background{ background-color: rgb(241,  
139, 114) }
```

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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