

Converting Colors

$Y_{xy}(47.8517, 0.4398, 0.3827)$

Have a look what the booklet for
Yxy(47.8517, 0.4398, 0.3827)
contains.

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Color

Yxy(48.0816, 0.4396, 0.3829)

Conversions

Conversions Part 1

Format	Color
Hex	F8A572
RGB	248, 165, 114
RGB Percent	97%, 65%, 45%
CMY	0.0275, 0.3529, 0.5530
CMYK	0.00, 0.33, 0.54, 0.03
HSL	23°, 91%, 71%
HSV	23°, 54%, 97%
XYZ	55.2015, 48.0816, 22.2891
YIQ	184.0030, 65.8390, 1.7350

Conversions

Conversions Part 2

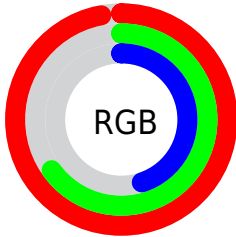
Format	Color
R _Y B	248, 196, 114
Decimal	16295282
CIE Lab	74.88, 25.46, 38.81
CIE LCh	75, 46.416, 56.740
Yxy	48.0816, 0.4396, 0.3829
Android (android.graphics.Color)	4294485362 (0xFFFF8A572)
YUV	184.0030, -34.5115, 56.1254
Hunter-Lab	69.3409, 20.7554, 29.4803

Details

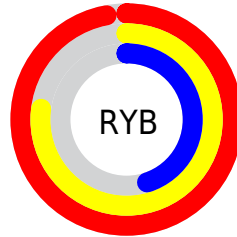
The Yxy color **48.0816, 0.4396, 0.3829** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **50.2760, 0.2304, 0.2642**, and the grayscale version is **48.1027, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.2364, 0.3761, 0.3834**, and **22.8833, 0.4722, 0.3915** is the 20% darker color. If you saturate the color by 10%, you get **42.3818, 0.4725, 0.3898**, and if you desaturate by 10%, it is **54.6046, 0.4090, 0.3738**.

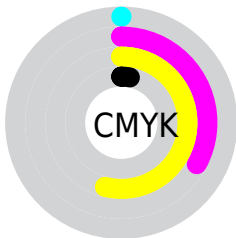
Distribution



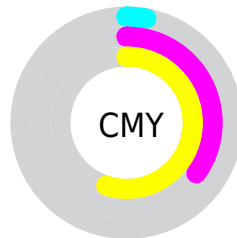
- Red (97%)
- Green (65%)
- Blue (45%)



- Red (97%)
- Yellow (77%)
- Blue (45%)



- Cyan (0%)
- Magenta (33%)
- Yellow (54%)
- Black (3%)





- Cyan (3%)
- Magenta (35%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.0816, 0.4396, 0.3829 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 48.0816, 0.4396, 0.3829 by changing the saturation by 10% instead.


 48.0816, 0.4396,
0.3829


 48.0816, 0.4396,
0.3829


379.1155, 0.3768,
0.3600

 33.8915, 0.4545,
0.3871


 87.3259, 0.4172,
0.3757


 22.8103, 0.4731,
0.3915


 113.1489, 0.4087,
0.3727

 14.4535, 0.4965,
0.3957


 143.6183, 0.4014,
0.3699

 8.4367, 0.5264,
0.3984

 179.1185, 0.3951,
0.3675

 4.3757, 0.5722,
0.4016

220.0339, 0.3897,
0.3654

 1.8858, 0.6164,
0.3836

266.7490, 0.3849,

 0.5398, 0.6842,

0.3634

0.3158

319.6480, 0.3806,
0.3616

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.0816, 0.4396,
0.3829

48.0816, 0.4396,
0.3829

42.3818, 0.4725,
0.3898

54.6046, 0.4090,
0.3738

37.4617, 0.5060,
0.3932

61.9771, 0.3815,
0.3635

33.2844, 0.5377,
0.3918

70.2330, 0.3575,
0.3530

29.8053, 0.5646,
0.3851

79.4020, 0.3368,
0.3426

■ 28.0345, 0.5781,
0.3791

■ 89.5123, 0.3191,
0.3328

■ 98.6950, 0.3084,
0.3290

Harmonies

Analogous

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



48.0816, 0.4293, 0.3340



48.0816, 0.4396, 0.3829



48.0816, 0.4127, 0.4255

Triad

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



48.0816, 0.4396, 0.3829



48.0816, 0.2425, 0.3723



48.0816, 0.2576, 0.2319

Complementary

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



48.0816, 0.4396, 0.3829



50.2760, 0.2304, 0.2642

Split Complementary

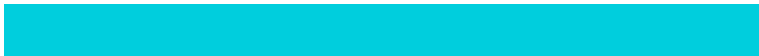
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



48.0816, 0.2166, 0.2325



48.0816, 0.4396, 0.3829



48.0816, 0.2082, 0.3063

Square

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



48.0816, 0.4396, 0.3829



48.0816, 0.2977, 0.4283



48.0816, 0.1996, 0.2569



48.0816, 0.3177, 0.2517

Rectangle

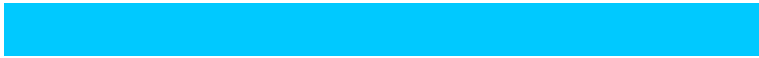
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



48.0816, 0.4396, 0.3829



48.0816, 0.3795, 0.4431



48.0816, 0.1996, 0.2569



48.0816, 0.2414, 0.2297

Sweetspot

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



48.0840, 0.4396, 0.3829



82.5706, 0.3407, 0.3446



36.1057, 0.3689, 0.2421



17.2339, 0.3448, 0.3468



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.



48.0840, 0.4396, 0.3829



44.5571, 0.4761, 0.3904



77.8336, 0.4001, 0.4444



18.3083, 0.3284, 0.3381



15.3948, 0.5753, 0.3814



1.6232, 0.5530, 0.3991

Inverse Universe

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



50.2760, 0.2304, 0.2642



47.0097, 0.2164, 0.2480



26.8191, 0.2124, 0.1774



18.4335, 0.2980, 0.3197



16.3507, 0.1886, 0.1990



1.7189, 0.1934, 0.2162

Previews

White Background



This preview shows how the Yxy color 48.0816, 0.4396, 0.3829 looks on a white background.

Color Contrast Check

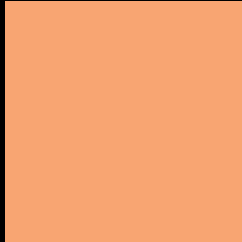
Large Text (above 18pt) WCAG AA × Fail

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 48.0816, 0.4396, 0.3829 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

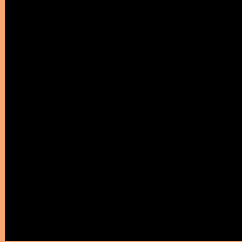
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.0816, 0.4396, 0.3829

Background



This preview shows how black text looks on a background with the Yxy color 48.0816, 0.4396, 0.3829.



This preview shows how white text looks on a background with the Yxy color 48.0816, 0.4396, 0.3829.

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

48.0816, 0.4396, 0.3829

Protanopia

48.5206, 0.3781, 0.4082

Deuteranopia

48.0678, 0.4124, 0.4030



Tritanopia

48.0514, 0.3927, 0.3165

Trichromacy



Original Color

48.0816, 0.4396, 0.3829

Protanomaly

48.0781, 0.3999, 0.3992

Deuteranomaly

48.0209, 0.4224, 0.3951

Tritanomaly

48.2010, 0.4106, 0.3410

Monochromacy



Original Color

48.0816, 0.4396, 0.3829

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.2129, 0.3552, 0.3515

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.0816, 0.4396, 0.3829 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, 165, 114)` looks like.

```
.text, #text, p{  
    color:rgb(248, 165, 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(248, 165, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 165, 114) }
```

Border

The CSS property to change the border of an element to Yxy 48.0816, 0.4396, 0.3829 is called "border". The border property can be set on classes, ids or directly on the HTML element.

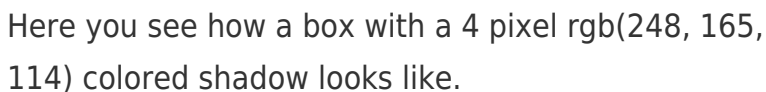
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(248, 165, 114) }
```

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

```
.border{ border-color:rgb(248, 165, 114) }
```

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



Here you see how a box with a 4 pixel `rgb(248, 165, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(248, 165, 114); -webkit-box-shadow:4px 4px 4px 4px rgb(248, 165, 114); box-shadow:4px 4px 4px 4px rgb(248, 165, 114) }
```


Background

The CSS property to change the background color of an element to Yxy 48.0816, 0.4396, 0.3829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 165, 114) }
```

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

```
.background{ background-color: rgb(248,  
165, 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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