

Converting Colors

$Y_{xy}(49.0192, 0.4161, 0.3595)$

Have a look what the booklet for
Yxy(49.0192, 0.4161, 0.3595)
contains.

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Color

Yxy(48.8816, 0.4162, 0.3595)

Conversions

Conversions Part 1

Format	Color
Hex	F7A68A
RGB	247, 166, 138
RGB Percent	97%, 65%, 54%
CMY	0.0312, 0.3491, 0.4588
CMYK	0.00, 0.33, 0.44, 0.03
HSL	15°, 87%, 75%
HSV	15°, 44%, 97%
XYZ	56.5912, 48.8816, 30.4983
YIQ	187.0270, 57.2640, 8.4640

Conversions

Conversions Part 2

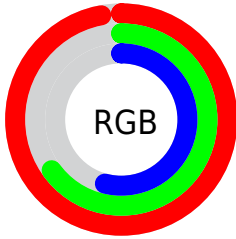
Format	Color
R _Y B	247, 176, 138
Decimal	16230026
CIE Lab	75.38, 26.77, 26.69
CIE LCh	75, 37.799, 44.916
Yxy	48.8816, 0.4162, 0.3595
Android (android.graphics.Color)	4294420106 (0xFFFF7A68A)
YUV	187.0270, -24.1703, 52.5963
Hunter-Lab	69.9154, 22.1302, 23.0774

Details

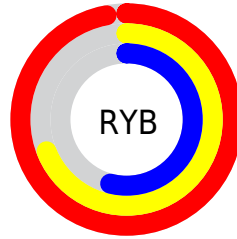
The Yxy color **48.8816, 0.4162, 0.3595** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **62.8117, 0.2473, 0.2952**, and the grayscale version is **49.8265, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.3083, 0.3577, 0.3597**, and **23.2062, 0.4450, 0.3636** is the 20% darker color. If you saturate the color by 10%, you get **42.0421, 0.4512, 0.3655**, and if you desaturate by 10%, it is **56.8418, 0.3856, 0.3526**.

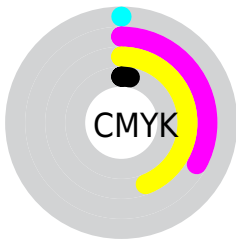
Distribution



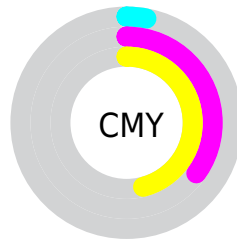
- Red (97%)
- Green (65%)
- Blue (54%)



- Red (97%)
- Yellow (69%)
- Blue (54%)



- Cyan (0%)
- Magenta (33%)
- Yellow (44%)
- Black (3%)





- Cyan (3%)
- Magenta (35%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.8816, 0.4162, 0.3595 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 48.8816, 0.4162, 0.3595 by changing the saturation by 10% instead.


 48.8816, 0.4162,
0.3595

 48.8816, 0.4162,
0.3595


382.2760, 0.3645,
0.3467

 34.5256, 0.4289,
0.3619


 88.5156, 0.3975,
0.3554

 23.2976, 0.4449,
0.3645


 114.5623, 0.3905,
0.3537

 14.8134, 0.4658,
0.3670


 145.2747, 0.3845,
0.3522

 8.6886, 0.4939,
0.3690

181.0372, 0.3794,
0.3509

 4.5386, 0.5330,
0.3686

222.2342, 0.3749,
0.3496

 1.9792, 0.6203,
0.3797

269.2501, 0.3710,

 0.5953, 0.6823,

0.3485

0.3177

322.4692, 0.3676,
0.3476

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.8816, 0.4162,
0.3595

48.8816, 0.4162,
0.3595

42.0421, 0.4512,
0.3655

56.8418, 0.3856,
0.3526

36.2648, 0.4895,
0.3695

65.9635, 0.3596,
0.3454

31.4964, 0.5290,
0.3705

76.2941, 0.3377,
0.3383

27.6758, 0.5658,
0.3674

87.8763, 0.3194,
0.3316

■ 24.7343, 0.5955,
0.3600

■ 98.5207, 0.3078,
0.3290

■ 23.3806, 0.6091,
0.3545

Harmonies

Analogous

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



48.8816, 0.3950, 0.3185



48.8816, 0.4162, 0.3595



48.8816, 0.4066, 0.3972

Triad

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



48.8816, 0.4162, 0.3595



48.8816, 0.2723, 0.3835



48.8816, 0.2520, 0.2464

Complementary

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



48.8816, 0.4162, 0.3595



62.8117, 0.2473, 0.2952

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.



48.8816, 0.2250, 0.2554



48.8816, 0.4162, 0.3595



48.8816, 0.2356, 0.3319

Square

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



48.8816, 0.4162, 0.3595



48.8816, 0.3218, 0.4179



48.8816, 0.2192, 0.2848



48.8816, 0.2966, 0.2564

Rectangle

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



48.8816, 0.4162, 0.3595



48.8816, 0.3852, 0.4155



48.8816, 0.2192, 0.2848



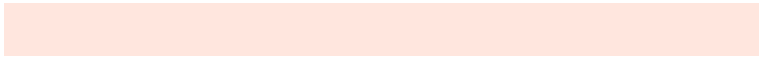
48.8816, 0.2408, 0.2472

Sweetspot

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



48.8840, 0.4162, 0.3595



83.3191, 0.3354, 0.3375



43.1145, 0.3426, 0.2447



17.2767, 0.3399, 0.3391



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.



48.8840, 0.4162, 0.3595



45.9014, 0.4473, 0.3649



72.6859, 0.3900, 0.4138



17.1738, 0.3287, 0.3351



12.5536, 0.6063, 0.3568



1.2623, 0.5821, 0.3760

Inverse Universe

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



62.8117, 0.2473, 0.2952



62.5531, 0.2360, 0.2870



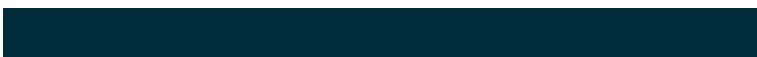
39.1263, 0.2353, 0.2257



17.9956, 0.2980, 0.3228



21.8358, 0.2010, 0.2435



2.0836, 0.2043, 0.2555

Previews

White Background



This preview shows how the Yxy color 48.8816, 0.4162, 0.3595 looks on a white background.

Color Contrast Check

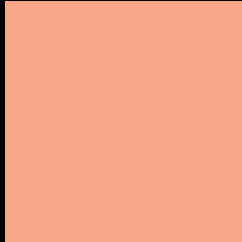
Large Text (above 18pt) WCAG AA × Fail

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 48.8816, 0.4162, 0.3595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

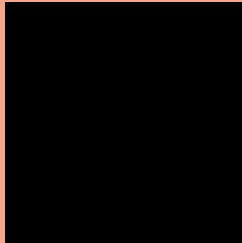
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.8816, 0.4162, 0.3595

Background



This preview shows how black text looks on a background with the Yxy color 48.8816, 0.4162, 0.3595.



This preview shows how white text looks on a background with the Yxy color 48.8816, 0.4162, 0.3595.

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

48.8816, 0.4162, 0.3595

Protanopia

49.2302, 0.3547, 0.3786

Deuteranopia

48.8340, 0.3873, 0.3791



Tritanopia

48.8309, 0.3868, 0.3164

Trichromacy



Original Color

48.8816, 0.4162, 0.3595

Protanomaly

48.8527, 0.3761, 0.3714

Deuteranomaly

48.9012, 0.3975, 0.3718

Tritanomaly

48.8722, 0.3981, 0.3325

Monochromacy



Original Color

48.8816, 0.4162, 0.3595

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

48.6601, 0.3478, 0.3414

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.8816, 0.4162, 0.3595 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(247, 166, 138)` looks like.

```
.text, #text, p{  
    color:rgb(247, 166, 138)  
}
```

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(247, 166, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 166, 138) }
```

Border

The CSS property to change the border of an element to Yxy 48.8816, 0.4162, 0.3595 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(247, 166, 138) }
```

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

```
.border{ border-color:rgb(247, 166, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 166, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 166, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 166, 138); box-shadow:4px 4px 4px 4px rgb(247, 166, 138) }
```


Background

The CSS property to change the background color of an element to Yxy 48.8816, 0.4162, 0.3595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 166, 138) }
```

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

```
.background{ background-color: rgb(247,  
166, 138) }
```

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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