

Converting Colors

$Yxy(48.6671, 0.4181, 0.3580)$

Have a look what the booklet for
Yxy(48.6671, 0.4181, 0.3580)
contains.

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Color

Yxy(48.7017, 0.4176, 0.3583)

Conversions

Conversions Part 1

Format	Color
Hex	F8A58A
RGB	248, 165, 138
RGB Percent	97%, 65%, 54%
CMY	0.0273, 0.3530, 0.4587
CMYK	0.00, 0.33, 0.44, 0.03
HSL	15°, 89%, 76%
HSV	15°, 44%, 97%
XYZ	56.7620, 48.7017, 30.4607
YIQ	186.7390, 58.1350, 9.1990

Conversions

Conversions Part 2

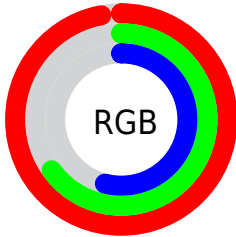
Format	Color
R _Y B	248, 174, 138
Decimal	16295306
CIE Lab	75.27, 27.67, 26.55
CIE LCh	75, 38.350, 43.812
Yxy	48.7017, 0.4176, 0.3583
Android (android.graphics.Color)	4294485386 (0xFFF8A58A)
YUV	186.7390, -24.0283, 53.7259
Hunter-Lab	69.7866, 23.0592, 22.9716

Details

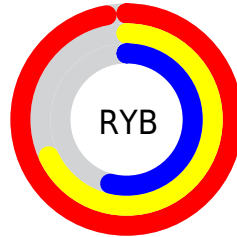
The Yxy color **48.7017, 0.4176, 0.3583** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.9258, 0.2472, 0.2965**, and the grayscale version is **49.6549, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.2522, 0.3582, 0.3577**, and **23.1117, 0.4471, 0.3620** is the 20% darker color. If you saturate the color by 10%, you get **41.7996, 0.4531, 0.3640**, and if you desaturate by 10%, it is **56.7612, 0.3866, 0.3517**.

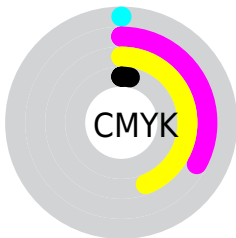
Distribution



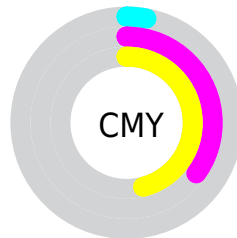
- Red (97%)
- Green (65%)
- Blue (54%)



- Red (97%)
- Yellow (68%)
- 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 48.7017, 0.4176, 0.3583 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 48.7017, 0.4176, 0.3583 by changing the saturation by 10% instead.


 48.7017, 0.4176,
0.3583


 48.7017, 0.4176,
0.3583


381.5668, 0.3652,
0.3461


 34.3829, 0.4305,
0.3605


 88.2483, 0.3987,
0.3545

 23.1879, 0.4468,
0.3629

 114.2448, 0.3915,
0.3529

 14.7323, 0.4680,
0.3652


 144.9027, 0.3854,
0.3514

 8.6317, 0.4966,
0.3667

180.6064, 0.3802,
0.3501

 4.5018, 0.5363,
0.3656

221.7403, 0.3757,
0.3490

 1.9580, 0.6247,
0.3753

268.6887, 0.3718,

 0.5829, 0.6891,

0.3479

0.3109

321.8361, 0.3683,
0.3470

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.7017, 0.4176,
0.3583

48.7017, 0.4176,
0.3583

41.7996, 0.4531,
0.3640

56.7612, 0.3866,
0.3517

35.9936, 0.4920,
0.3677

66.0213, 0.3603,
0.3448

31.2275, 0.5319,
0.3684

76.5318, 0.3382,
0.3380

27.4367, 0.5690,
0.3652

88.3373, 0.3197,
0.3316

■ 24.5485, 0.5987,
0.3578

■ 98.7012, 0.3084,
0.3290

■ 23.2786, 0.6116,
0.3526

Harmonies

Analogous

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



48.7017, 0.3950, 0.3168



48.7017, 0.4176, 0.3583



48.7017, 0.4089, 0.3969

Triad

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



48.7017, 0.4176, 0.3583



48.7017, 0.2733, 0.3862



48.7017, 0.2497, 0.2452

Complementary

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



48.7017, 0.4176, 0.3583



63.9258, 0.2472, 0.2965

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.



48.7017, 0.2232, 0.2550



48.7017, 0.4176, 0.3583



48.7017, 0.2355, 0.3338

Square

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



48.7017, 0.4176, 0.3583



48.7017, 0.3238, 0.4201



48.7017, 0.2181, 0.2856



48.7017, 0.2945, 0.2547

Rectangle

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



48.7017, 0.4176, 0.3583



48.7017, 0.3877, 0.4160



48.7017, 0.2181, 0.2856



48.7017, 0.2386, 0.2462

Sweetspot

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



48.7041, 0.4176, 0.3583



83.1071, 0.3355, 0.3372



43.4372, 0.3410, 0.2427



17.2250, 0.3399, 0.3386



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.



48.7041, 0.4176, 0.3583



45.3904, 0.4483, 0.3633



72.2989, 0.3912, 0.4125



17.9163, 0.3288, 0.3349



12.7553, 0.6090, 0.3547



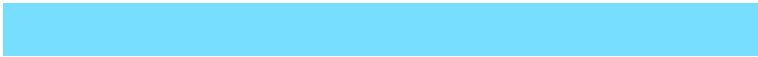
1.3403, 0.5862, 0.3728

Inverse Universe

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



63.9258, 0.2472, 0.2965



63.3726, 0.2364, 0.2889



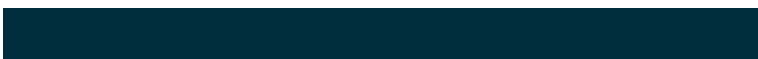
39.9517, 0.2352, 0.2275



18.8453, 0.2980, 0.3230



23.1366, 0.2021, 0.2475



2.3083, 0.2051, 0.2584

Previews

White Background



This preview shows how the Yxy color 48.7017, 0.4176, 0.3583 looks on a white background.

Color Contrast Check

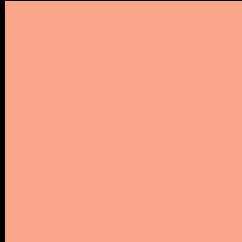
Large Text (above 18pt) WCAG AA × Fail

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 48.7017, 0.4176, 0.3583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

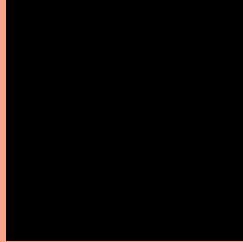
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.7017, 0.4176, 0.3583

Background



This preview shows how black text looks on a background with the Yxy color 48.7017, 0.4176, 0.3583.



This preview shows how white text looks on a background with the Yxy color 48.7017, 0.4176, 0.3583.

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

48.7017, 0.4176, 0.3583

Protanopia

48.8103, 0.3550, 0.3774

Deuteranopia

48.8340, 0.3873, 0.3791



Tritanopia

48.6294, 0.3891, 0.3164

Trichromacy



Original Color

48.7017, 0.4176, 0.3583

Protanomaly

48.4533, 0.3765, 0.3702

Deuteranomaly

48.5163, 0.3980, 0.3707

Tritanomaly

48.7027, 0.3994, 0.3314

Monochromacy



Original Color

48.7017, 0.4176, 0.3583

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 48.7017, 0.4176, 0.3583 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, 138)` looks like.

```
.text, #text, p{  
    color:rgb(248, 165, 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(248, 165, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 165, 138) }
```

Border

The CSS property to change the border of an element to Yxy 48.7017, 0.4176, 0.3583 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, 138) }
```

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

```
.border{ border-color:rgb(248, 165, 138) }
```

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, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 165, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 165, 138);  
box-shadow:4px 4px 4px 4px rgb(248, 165,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 48.7017, 0.4176, 0.3583 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, 138) }
```

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

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