

Converting Colors

$Y_{xy}(48.8668, 0.3798, 0.3195)$

Have a look what the booklet for
Yxy(48.8668, 0.3798, 0.3195)
contains.

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Color

Yxy(48.8011, 0.3804, 0.3193)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F4A4AD |
| RGB | 244, 164, 173 |
| RGB Percent | 96%, 64%, 68% |
| CMY | 0.0430, 0.3569, 0.3215 |
| CMYK | 0.00, 0.33, 0.29, 0.04 |
| HSL | 353°, 79%, 80% |
| HSV | 353°, 33%, 96% |
| XYZ | 58.1395, 48.8011, 45.8972 |
| YIQ | 188.9460, 44.7910, 19.7590 |

Conversions

Conversions Part 2

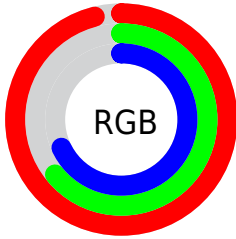
| Format | Color |
|-------------------------------------|------------------------------------------------|
| RYB | 244, 164, 173 |
| Decimal | 16032941 |
| CIELab | 75.33, 30.79, 7.50 |
| CIELCh | 75, 31.686, 13.696 |
| Yxy | 48.8011, 0.3804, 0.3193 |
| Android (android.graphics.Color) | 4294223021 (0xFFF4A4AD) |
| YUV | 188.9460, -7.8614, 48.2824 |
| Hunter-Lab | 69.8578, 26.3064, 9.9464 |

Details

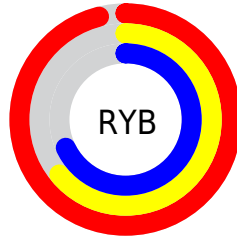
The Yxy color **48.8011, 0.3804, 0.3193** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **78.6190, 0.2704, 0.3392**, and the grayscale version is **50.8849, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.0478, 0.3325, 0.3211**, and **23.1885, 0.3993, 0.3151** is the 20% darker color. If you saturate the color by 10%, you get **40.1204, 0.4121, 0.3164**, and if you desaturate by 10%, it is **59.2981, 0.3545, 0.3224**.

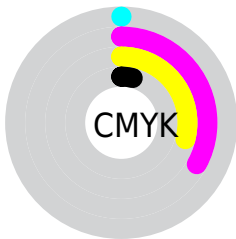
Distribution



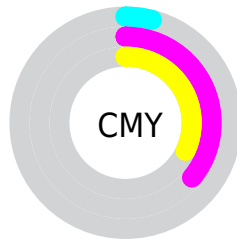
- Red (96%)
- Green (64%)
- Blue (68%)



- Red (96%)
- Yellow (64%)
- Blue (68%)



- Cyan (0%)
- Magenta (33%)
- Yellow (29%)
- Black (4%)





- Cyan (4%)
- Magenta (36%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.8011, 0.3804, 0.3193 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 48.8011, 0.3804, 0.3193 by changing the saturation by 10% instead.


 48.8011, 0.3804,
0.3193


 48.8011, 0.3804,
0.3193


381.9588, 0.3466,
0.3247

 34.4617, 0.3888,
0.3178


 88.3960, 0.3681,
0.3214

 23.2485, 0.3996,
0.3158


 114.4203, 0.3635,
0.3221

 14.7771, 0.4139,
0.3129


145.1083, 0.3596,
0.3228

 8.6631, 0.4337,
0.3087

180.8445, 0.3562,
0.3233

 4.5221, 0.4628,
0.3018

222.0133, 0.3533,
0.3237

 1.9697, 0.5094,
0.2894

268.9990, 0.3508,

 0.5898, 0.6651,

0.3241

0.2792

322.1860, 0.3486,
0.3244

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.8011, 0.3804,
0.3193

48.8011, 0.3804,
0.3193

40.1204, 0.4121,
0.3164

59.2981, 0.3545,
0.3224

33.1462, 0.4499,
0.3141

71.6991, 0.3336,
0.3254

27.7679, 0.4928,
0.3128

86.0943, 0.3168,
0.3282

23.8589, 0.5380,
0.3132

97.9815, 0.3060,
0.3290

■ 21.2733, 0.5803,
0.3157

■ 19.8349, 0.6131,
0.3203

■ 19.3231, 0.6289,
0.3238

Harmonies

Analogous

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



48.8011, 0.3422, 0.2880



48.8011, 0.3804, 0.3193



48.8011, 0.3992, 0.3545

Triad

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



48.8011, 0.3804, 0.3193



48.8011, 0.3228, 0.4032



48.8011, 0.2375, 0.2676

Complementary

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



48.8011, 0.3804, 0.3193



78.6190, 0.2704, 0.3392

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.



48.8011, 0.2333, 0.2939



48.8011, 0.3804, 0.3193



48.8011, 0.2806, 0.3758

Square

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



48.8011, 0.3804, 0.3193



48.8011, 0.3641, 0.4058



48.8011, 0.2484, 0.3337



48.8011, 0.2602, 0.2586

Rectangle

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



48.8011, 0.3804, 0.3193



48.8011, 0.3976, 0.3766



48.8011, 0.2484, 0.3337



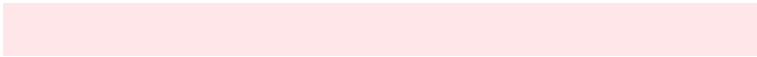
48.8011, 0.2340, 0.2745

Sweetspot

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



48.8034, 0.3804, 0.3193



83.4234, 0.3285, 0.3262



50.6909, 0.3088, 0.2455



17.3963, 0.3310, 0.3258



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.



48.8034, 0.3804, 0.3193



47.6677, 0.3996, 0.3174



60.8050, 0.3783, 0.3624



16.5129, 0.3276, 0.3264



10.5120, 0.6265, 0.3225



0.9336, 0.6010, 0.3084

Inverse Universe

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



48.8034, 0.3804, 0.3193



47.6677, 0.3996, 0.3174



62.1923, 0.2614, 0.2928



16.5129, 0.3276, 0.3264



10.5120, 0.6265, 0.3225



0.9336, 0.6010, 0.3084

Previews

White Background



This preview shows how the Yxy color 48.8011, 0.3804, 0.3193 looks on a white background.

Color Contrast Check

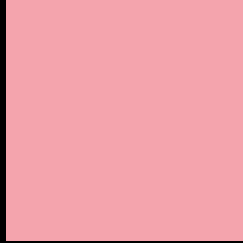
Large Text (above 18pt) WCAG AA × Fail

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 48.8011, 0.3804, 0.3193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

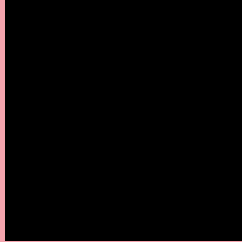
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.8011, 0.3804, 0.3193

Background



This preview shows how black text looks on a background with the Yxy color 48.8011, 0.3804, 0.3193.



This preview shows how white text looks on a background with the Yxy color 48.8011, 0.3804, 0.3193.

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

48.8011, 0.3804, 0.3193

Protanopia

49.0195, 0.3161, 0.3290

Deuteranopia

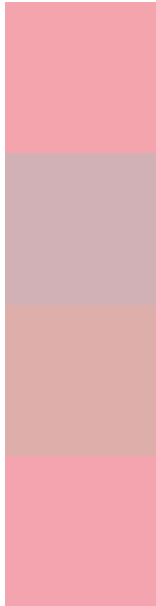
48.8441, 0.3478, 0.3401



Tritanopia

48.9186, 0.3774, 0.3161

Trichromacy



Original Color

48.8011, 0.3804, 0.3193

Protanomaly

48.3358, 0.3378, 0.3242

Deuteranomaly

48.7420, 0.3591, 0.3327

Tritanomaly

48.8792, 0.3784, 0.3172

Monochromacy



Original Color

48.8011, 0.3804, 0.3193

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

49.6167, 0.3356, 0.3254

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.8011, 0.3804, 0.3193 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(244, 164, 173)` looks like.

```
.text, #text, p{  
    color:rgb(244, 164, 173)  
}
```

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(244, 164, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 164, 173) }
```

Border

The CSS property to change the border of an element to Yxy 48.8011, 0.3804, 0.3193 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(244, 164, 173) }
```

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

```
.border{ border-color:rgb(244, 164, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 164, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 164, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 164, 173);  
box-shadow:4px 4px 4px 4px rgb(244, 164,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 48.8011, 0.3804, 0.3193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 164, 173) }
```

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

```
.background{ background-color: rgb(244,  
164, 173) }
```

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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