

Converting Colors

$Y_{xy}(48.7503, 0.3812, 0.3199)$

Have a look what the booklet for
Yxy(48.7503, 0.3812, 0.3199)
contains.

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Color

Yxy(48.7626, 0.3813, 0.3204)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F4A4AC |
| RGB | 244, 164, 172 |
| RGB Percent | 96%, 64%, 67% |
| CMY | 0.0432, 0.3568, 0.3254 |
| CMYK | 0.00, 0.33, 0.29, 0.04 |
| HSL | 354°, 78%, 80% |
| HSV | 354°, 33%, 96% |
| XYZ | 58.0311, 48.7626, 45.3991 |
| YIQ | 188.8320, 45.1120, 19.4480 |

Conversions

Conversions Part 2

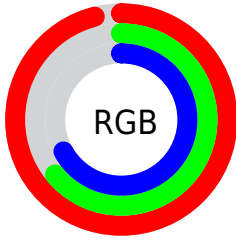
| Format | Color |
|-------------------------------------|---|
| RYB | 244, 164, 172 |
| Decimal | 16032940 |
| CIELab | 75.30, 30.63, 8.01 |
| CIELCh | 75, 31.654, 14.649 |
| Yxy | 48.7626, 0.3813, 0.3204 |
| Android (android.graphics.Color) | 4294223020 (0xFFFF4A4AC) |
| YUV | 188.8320, -8.2982, 48.3823 |
| Hunter-Lab | 69.8302, 26.1363, 10.3346 |

Details

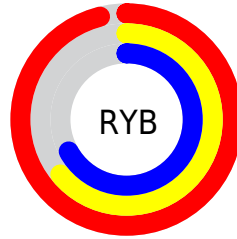
The Yxy color **48.7626, 0.3813, 0.3204** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **78.6457, 0.2699, 0.3381**, and the grayscale version is **50.8192, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.9925, 0.3332, 0.3221**, and **23.1640, 0.4007, 0.3165** is the 20% darker color. If you saturate the color by 10%, you get **40.0781, 0.4135, 0.3178**, and if you desaturate by 10%, it is **59.2663, 0.3550, 0.3231**.

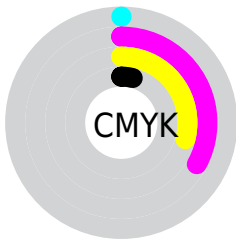
Distribution



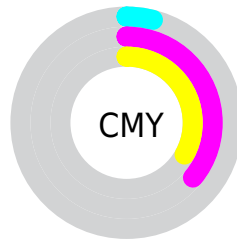
- Red (96%)
- Green (64%)
- Blue (67%)



- Red (96%)
- Yellow (64%)
- Blue (67%)



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





- Cyan (4%)
- Magenta (36%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.7626, 0.3813, 0.3204 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 48.7626, 0.3813, 0.3204 by changing the saturation by 10% instead.


 48.7626, 0.3813,
0.3204


 48.7626, 0.3813,
0.3204


381.8070, 0.3470,
0.3253

 34.4312, 0.3898,
0.3190


 88.3388, 0.3688,
0.3223

 23.2251, 0.4008,
0.3171


 114.3523, 0.3642,
0.3230

 14.7598, 0.4153,
0.3144


145.0287, 0.3602,
0.3236

 8.6510, 0.4353,
0.3104


180.7523, 0.3568,
0.3240

 4.5142, 0.4649,
0.3038

221.9075, 0.3539,
0.3244

 1.9652, 0.5121,
0.2917

268.8788, 0.3513,

 0.5871, 0.6768,

0.3248

0.2846

322.0505, 0.3490,
0.3251

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.7626, 0.3813,
0.3204

48.7626, 0.3813,
0.3204

40.0781, 0.4135,
0.3178

59.2663, 0.3550,
0.3231

33.1028, 0.4518,
0.3158

71.6769, 0.3338,
0.3258

27.7258, 0.4953,
0.3147

86.0851, 0.3168,
0.3283

23.8201, 0.5409,
0.3151

97.9722, 0.3060,
0.3290

■ 21.2396, 0.5832,
0.3175

■ 19.8077, 0.6156,
0.3217

■ 19.3002, 0.6307,
0.3248

Harmonies

Analogous

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



48.7626, 0.3436, 0.2889



48.7626, 0.3813, 0.3204



48.7626, 0.3993, 0.3556

Triad

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



48.7626, 0.3813, 0.3204



48.7626, 0.3214, 0.4027



48.7626, 0.2380, 0.2671

Complementary

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



48.7626, 0.3813, 0.3204



78.6457, 0.2699, 0.3381

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.



48.7626, 0.2332, 0.2928



48.7626, 0.3813, 0.3204



48.7626, 0.2794, 0.3745

Square

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



48.7626, 0.3813, 0.3204



48.7626, 0.3629, 0.4061



48.7626, 0.2477, 0.3323



48.7626, 0.2612, 0.2587

Rectangle

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



48.7626, 0.3813, 0.3204



48.7626, 0.3972, 0.3775



48.7626, 0.2477, 0.3323



48.7626, 0.2343, 0.2738

Sweetspot

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



48.7649, 0.3813, 0.3204



83.4053, 0.3287, 0.3265



50.6891, 0.3088, 0.2455



17.3919, 0.3313, 0.3262



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.



48.7649, 0.3813, 0.3204



47.6221, 0.4009, 0.3188



60.7944, 0.3782, 0.3624



16.5095, 0.3278, 0.3267



10.5038, 0.6285, 0.3236



0.9320, 0.6050, 0.3106

Inverse Universe

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



48.7649, 0.3813, 0.3204



47.6221, 0.4009, 0.3188



62.1803, 0.2614, 0.2928



16.5095, 0.3278, 0.3267



10.5038, 0.6285, 0.3236



0.9320, 0.6050, 0.3106

Previews

White Background



This preview shows how the Yxy color 48.7626, 0.3813, 0.3204 looks on a white background.

Color Contrast Check

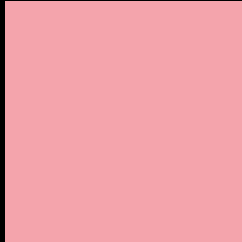
Large Text (above 18pt) WCAG AA × Fail

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 48.7626, 0.3813, 0.3204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

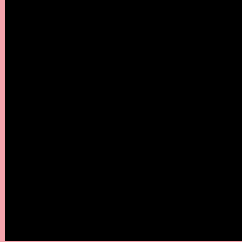
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.7626, 0.3813, 0.3204

Background



This preview shows how black text looks on a background with the Yxy color 48.7626, 0.3813, 0.3204.



This preview shows how white text looks on a background with the Yxy color 48.7626, 0.3813, 0.3204.

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

48.7626, 0.3813, 0.3204

Protanopia

49.1058, 0.3177, 0.3303

Deuteranopia

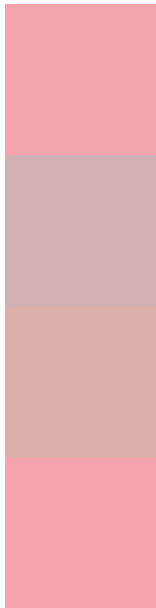
48.8064, 0.3487, 0.3413



Tritanopia

48.5621, 0.3777, 0.3150

Trichromacy



Original Color

48.7626, 0.3813, 0.3204

Protanomaly

48.4412, 0.3395, 0.3254

Deuteranomaly

48.7040, 0.3600, 0.3339

Tritanomaly

48.5226, 0.3787, 0.3161

Monochromacy



Original Color

48.7626, 0.3813, 0.3204

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 48.7626, 0.3813, 0.3204 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, 172)` looks like.

```
.text, #text, p{  
    color:rgb(244, 164, 172)  
}
```

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, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 164, 172) }
```

Border

The CSS property to change the border of an element to Yxy 48.7626, 0.3813, 0.3204 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, 172) }
```

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

```
.border{ border-color:rgb(244, 164, 172) }
```

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, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 164, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 164, 172);  
box-shadow:4px 4px 4px 4px rgb(244, 164,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 48.7626, 0.3813, 0.3204 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, 172) }
```

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

```
.background{ background-color: rgb(244,  
164, 172) }
```

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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