

Converting Colors

$Y_{xy}(48.4593, 0.3800, 0.3174)$

Have a look what the booklet for
Yxy(48.4593, 0.3800, 0.3174)
contains.

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Color

Yxy(48.4835, 0.3797, 0.3172)

Conversions

Conversions Part 1

Format	Color
Hex	F4A3AE
RGB	244, 163, 174
RGB Percent	96%, 64%, 68%
CMY	0.0432, 0.3607, 0.3178
CMYK	0.00, 0.33, 0.29, 0.04
HSL	352°, 79%, 80%
HSV	352°, 33%, 96%
XYZ	58.0365, 48.4835, 46.3283
YIQ	188.4730, 44.7450, 20.5930

Conversions

Conversions Part 2

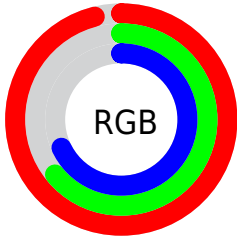
Format	Color
RYB	244, 163, 174
Decimal	16032686
CIELab	75.13, 31.39, 6.69
CIELCh	75, 32.096, 12.034
Yxy	48.4835, 0.3797, 0.3172
Android (android.graphics.Color)	4294222766 (0xFFFF4A3AE)
YUV	188.4730, -7.1352, 48.6972
Hunter-Lab	69.6301, 26.9267, 9.2925

Details

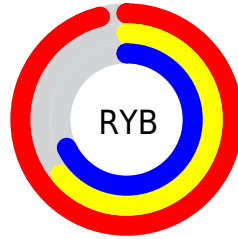
The Yxy color **48.4835, 0.3797, 0.3172** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **78.3599, 0.2709, 0.3415**, and the grayscale version is **50.5954, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.5802, 0.3320, 0.3191**, and **22.9961, 0.3984, 0.3123** is the 20% darker color. If you saturate the color by 10%, you get **39.8811, 0.4108, 0.3137**, and if you desaturate by 10%, it is **58.8909, 0.3543, 0.3209**.

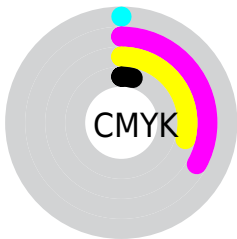
Distribution



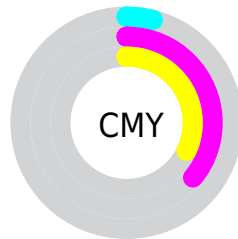
- Red (96%)
- Green (64%)
- Blue (68%)



- 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 48.4835, 0.3797, 0.3172 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 48.4835, 0.3797, 0.3172 by changing the saturation by 10% instead.


 48.4835, 0.3797,
0.3172


 48.4835, 0.3797,
0.3172


380.7054, 0.3462,
0.3236

 34.2099, 0.3880,
0.3155

 87.9239, 0.3675,
0.3196

 23.0549, 0.3987,
0.3131


 113.8594, 0.3630,
0.3205

 14.6341, 0.4129,
0.3099


144.4511, 0.3591,
0.3213

 8.5630, 0.4325,
0.3052


180.0834, 0.3558,
0.3219

 4.4572, 0.4615,
0.2977

221.1405, 0.3529,
0.3224

 1.9325, 0.5079,
0.2844

268.0070, 0.3504,

 0.5678, 0.6604,

0.3229

0.2685

321.0671, 0.3482,
0.3233

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.4835, 0.3797,
0.3172

48.4835, 0.3797,
0.3172

39.8811, 0.4108,
0.3137

58.8909, 0.3543,
0.3209

32.9744, 0.4477,
0.3109

71.1908, 0.3338,
0.3245

27.6529, 0.4897,
0.3092

85.4732, 0.3173,
0.3280

23.7901, 0.5341,
0.3096

97.9686, 0.3059,
0.3290

■ 21.2402, 0.5760,
0.3125

■ 19.8267, 0.6093,
0.3178

■ 19.3384, 0.6252,
0.3218

Harmonies

Analogous

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



48.4835, 0.3402, 0.2859



48.4835, 0.3797, 0.3172



48.4835, 0.4001, 0.3528

Triad

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



48.4835, 0.3797, 0.3172



48.4835, 0.3254, 0.4053



48.4835, 0.2357, 0.2677

Complementary

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



48.4835, 0.3797, 0.3172



78.3599, 0.2709, 0.3415

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.



48.4835, 0.2326, 0.2952



48.4835, 0.3797, 0.3172



48.4835, 0.2823, 0.3786

Square

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



48.4835, 0.3797, 0.3172



48.4835, 0.3669, 0.4064



48.4835, 0.2489, 0.3362



48.4835, 0.2577, 0.2577

Rectangle

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



48.4835, 0.3797, 0.3172



48.4835, 0.3995, 0.3755



48.4835, 0.2489, 0.3362



48.4835, 0.2325, 0.2750

Sweetspot

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



48.4858, 0.3797, 0.3172



83.4560, 0.3281, 0.3256



49.8602, 0.3065, 0.2439



17.4041, 0.3306, 0.3251



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.



48.4858, 0.3797, 0.3172



46.8249, 0.4005, 0.3147



59.2907, 0.3802, 0.3600



16.5190, 0.3272, 0.3258



10.5289, 0.6224, 0.3203



0.9365, 0.5939, 0.3045

Inverse Universe

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



48.4858, 0.3797, 0.3172



46.8249, 0.4005, 0.3147



63.2473, 0.2612, 0.2956



16.5190, 0.3272, 0.3258



10.5289, 0.6224, 0.3203



0.9365, 0.5939, 0.3045

Previews

White Background



This preview shows how the Yxy color 48.4835, 0.3797, 0.3172 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 48.4835, 0.3797, 0.3172 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 48.4835, 0.3797, 0.3172

Background



This preview shows how black text looks on a background with the Yxy color 48.4835, 0.3797, 0.3172.



This preview shows how white text looks on a background with the Yxy color 48.4835, 0.3797, 0.3172.

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

48.4835, 0.3797, 0.3172

Protanopia

48.5175, 0.3145, 0.3265

Deuteranopia

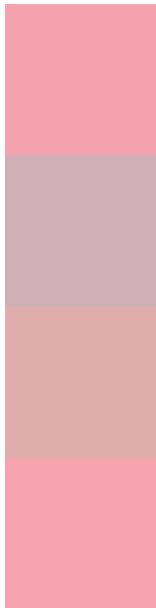
48.7358, 0.3460, 0.3389



Tritanopia

48.5226, 0.3787, 0.3161

Trichromacy



Original Color

48.4835, 0.3797, 0.3172

Protanomaly

47.8380, 0.3362, 0.3218

Deuteranomaly

48.3953, 0.3584, 0.3303

Tritanomaly

48.5226, 0.3787, 0.3161

Monochromacy



Original Color

48.4835, 0.3797, 0.3172

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

49.0690, 0.3349, 0.3242

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.4835, 0.3797, 0.3172 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, 163, 174)` looks like.

```
.text, #text, p{  
    color:rgb(244, 163, 174)  
}
```

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, 163, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 163, 174) }
```

Border

The CSS property to change the border of an element to Yxy 48.4835, 0.3797, 0.3172 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, 163, 174) }
```

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

```
.border{ border-color:rgb(244, 163, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 163, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 163, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 163, 174);  
box-shadow:4px 4px 4px 4px rgb(244, 163,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 48.4835, 0.3797, 0.3172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 163, 174) }
```

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

```
.background{ background-color: rgb(244,  
163, 174) }
```

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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