

Converting Colors

$Yxy(48.6194, 0.3838, 0.3222)$

Have a look what the booklet for
Yxy(48.6194, 0.3838, 0.3222)
contains.

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Color

Yxy(48.6863, 0.3833, 0.3226)

Conversions

Conversions Part 1

Format	Color
Hex	F4A4AA
RGB	244, 164, 170
RGB Percent	96%, 64%, 67%
CMY	0.0430, 0.3569, 0.3333
CMYK	0.00, 0.33, 0.30, 0.04
HSL	355°, 78%, 80%
HSV	355°, 33%, 96%
XYZ	57.8471, 48.6863, 44.3851
YIQ	188.6040, 45.7540, 18.8260

Conversions

Conversions Part 2

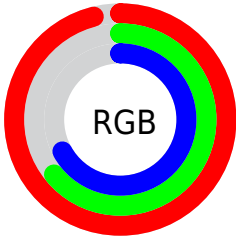
Format	Color
RYB	244, 164, 170
Decimal	16032938
CIELab	75.26, 30.38, 9.04
CIELCh	75, 31.699, 16.577
Yxy	48.6863, 0.3833, 0.3226
Android (android.graphics.Color)	4294223018 (0xFFFF4A4AA)
YUV	188.6040, -9.1718, 48.5823
Hunter-Lab	69.7756, 25.8772, 11.1278

Details

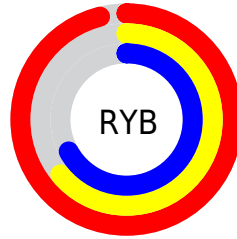
The Yxy color **48.6863, 0.3833, 0.3226** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **78.7821, 0.2689, 0.3357**, and the grayscale version is **50.6866, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.8826, 0.3346, 0.3241**, and **23.1160, 0.4035, 0.3194** is the 20% darker color. If you saturate the color by 10%, you get **39.9948, 0.4165, 0.3207**, and if you desaturate by 10%, it is **59.2046, 0.3562, 0.3246**.

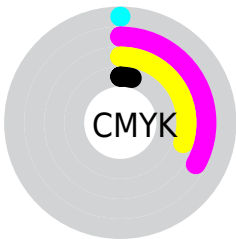
Distribution



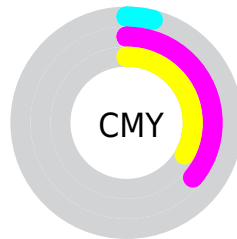
- Red (96%)
- Green (64%)
- Blue (67%)



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



- Cyan (0%)
- Magenta (33%)
- Yellow (30%)
- Black (4%)




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.6863, 0.3833, 0.3226 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 48.6863, 0.3833, 0.3226 by changing the saturation by 10% instead.


 48.6863, 0.3833,
0.3226


 48.6863, 0.3833,
0.3226

381.5060, 0.3480,
0.3265

 34.3707, 0.3921,
0.3214


 88.2254, 0.3705,
0.3242

 23.1785, 0.4034,
0.3198


 114.2176, 0.3656,
0.3247

 14.7254, 0.4183,
0.3174


144.8709, 0.3616,
0.3252

 8.6269, 0.4390,
0.3138

180.5695, 0.3581,
0.3255

 4.4986, 0.4695,
0.3077

221.6980, 0.3550,
0.3258

 1.9562, 0.5181,
0.2961

268.6406, 0.3524,

 0.5818, 0.7031,

0.3261

0.2963

321.7818, 0.3500,
0.3263

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.6863, 0.3833,
0.3226

48.6863, 0.3833,
0.3226

39.9948, 0.4165,
0.3207

59.2046, 0.3562,
0.3246

33.0195, 0.4560,
0.3192

71.6382, 0.3344,
0.3266

27.6487, 0.5006,
0.3185

86.0781, 0.3169,
0.3285

23.7544, 0.5470,
0.3190

97.9778, 0.3060,
0.3290

■ 21.1894, 0.5891,
0.3210

■ 19.7759, 0.6202,
0.3243

■ 19.2826, 0.6339,
0.3266

Harmonies

Analogous

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



48.6863, 0.3464, 0.2906



48.6863, 0.3833, 0.3226



48.6863, 0.3998, 0.3578

Triad

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



48.6863, 0.3833, 0.3226



48.6863, 0.3186, 0.4017



48.6863, 0.2388, 0.2659

Complementary

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



48.6863, 0.3833, 0.3226



78.7821, 0.2689, 0.3357

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.



48.6863, 0.2328, 0.2906



48.6863, 0.3833, 0.3226



48.6863, 0.2769, 0.3721

Square

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



48.6863, 0.3833, 0.3226



48.6863, 0.3606, 0.4068



48.6863, 0.2461, 0.3296



48.6863, 0.2632, 0.2586

Rectangle

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



48.6863, 0.3833, 0.3226



48.6863, 0.3966, 0.3796



48.6863, 0.2461, 0.3296



48.6863, 0.2347, 0.2722

Sweetspot

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



48.6886, 0.3833, 0.3226



83.3689, 0.3292, 0.3272



51.1473, 0.3110, 0.2461



17.3832, 0.3318, 0.3269



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.



48.6886, 0.3833, 0.3226



47.5317, 0.4034, 0.3214



62.0047, 0.3773, 0.3652



16.5027, 0.3282, 0.3273



10.4896, 0.6320, 0.3255



0.9288, 0.6133, 0.3152

Inverse Universe

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



48.6886, 0.3833, 0.3226



47.5317, 0.4034, 0.3214



60.8539, 0.2610, 0.2895



16.5027, 0.3282, 0.3273



10.4896, 0.6320, 0.3255



0.9288, 0.6133, 0.3152

Previews

White Background



This preview shows how the Yxy color 48.6863, 0.3833, 0.3226 looks on a white background.

Color Contrast Check

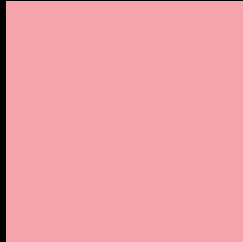
Large Text (above 18pt) WCAG AA × Fail

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 48.6863, 0.3833, 0.3226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

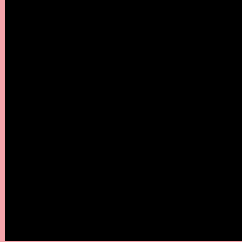
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.6863, 0.3833, 0.3226

Background



This preview shows how black text looks on a background with the Yxy color 48.6863, 0.3833, 0.3226.



This preview shows how white text looks on a background with the Yxy color 48.6863, 0.3833, 0.3226.

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

48.6863, 0.3833, 0.3226

Protanopia

48.9813, 0.3201, 0.3341

Deuteranopia

48.7319, 0.3504, 0.3438



Tritanopia

48.7020, 0.3796, 0.3161

Trichromacy



Original Color

48.6863, 0.3833, 0.3226

Protanomaly

48.3202, 0.3421, 0.3291

Deuteranomaly

48.6289, 0.3618, 0.3362

Tritanomaly

48.6240, 0.3816, 0.3183

Monochromacy



Original Color

48.6863, 0.3833, 0.3226

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

49.5752, 0.3364, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.6863, 0.3833, 0.3226 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, 170)` looks like.

```
.text, #text, p{  
    color:rgb(244, 164, 170)  
}
```

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, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 164, 170) }
```

Border

The CSS property to change the border of an element to Yxy 48.6863, 0.3833, 0.3226 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, 170) }
```

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

```
.border{ border-color:rgb(244, 164, 170) }
```

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, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 164, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 164, 170);  
box-shadow:4px 4px 4px 4px rgb(244, 164,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 48.6863, 0.3833, 0.3226 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, 170) }
```

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

```
.background{ background-color: rgb(244,  
164, 170) }
```

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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