

Converting Colors

$Yxy(47.9163, 0.3753, 0.3147)$

Have a look what the booklet for
Yxy(47.9163, 0.3753, 0.3147)
contains.

Yxy(48.0297, 0.3750, 0.3148)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(48.0297, 0.3750, 0.3148)

Conversions

Conversions Part 1

Format	Color
Hex	F1A3B0
RGB	241, 163, 176
RGB Percent	95%, 64%, 69%
CMY	0.0548, 0.3608, 0.3098
CMYK	0.00, 0.32, 0.27, 0.05
HSL	350°, 74%, 79%
HSV	350°, 32%, 95%
XYZ	57.2145, 48.0297, 47.3279
YIQ	187.8040, 42.3150, 20.5790

Conversions

Conversions Part 2

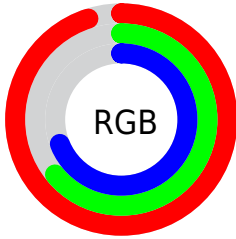
Format	Color
R_{YB}	241, 163, 176
Decimal	15836080
CIE _{Lab}	74.84, 30.61, 5.13
CIE _{LCh}	75, 31.034, 9.507
Yxy	48.0297, 0.3750, 0.3148
Android (android.graphics.Color)	4294026160 (0xFFFF1A3B0)
YUV	187.8040, -5.8194, 46.6529
Hunter-Lab	69.3035, 26.0824, 8.0228

Details

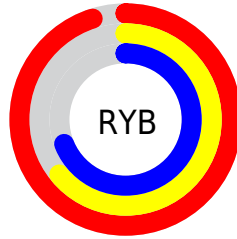
The Yxy color **48.0297, 0.3750, 0.3148** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **76.3122, 0.2730, 0.3440**, and the grayscale version is **50.1894, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.7492, 0.3299, 0.3161**, and **22.6744, 0.3919, 0.3091** is the 20% darker color. If you saturate the color by 10%, you get **39.5364, 0.4043, 0.3104**, and if you desaturate by 10%, it is **58.2761, 0.3510, 0.3194**.

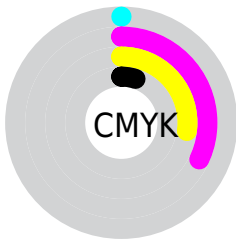
Distribution



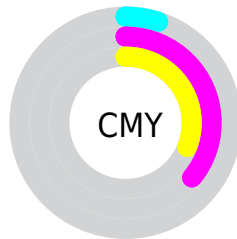
- Red (95%)
- Green (64%)
- Blue (69%)



- Red (95%)
- Yellow (64%)
- Blue (69%)



- Cyan (0%)
- Magenta (32%)
- Yellow (27%)
- Black (5%)




- Cyan (5%)
- Magenta (36%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.0297, 0.3750, 0.3148 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 48.0297, 0.3750, 0.3148 by changing the saturation by 10% instead.

 48.0297, 0.3750,
0.3148

 48.0297, 0.3750,
0.3148


378.9098, 0.3438,
0.3223

 33.8504, 0.3828,
0.3128

 87.2486, 0.3637,
0.3176

 22.7787, 0.3927,
0.3102


 113.0570, 0.3594,
0.3186

 14.4302, 0.4060,
0.3067


143.5106, 0.3558,
0.3195

 8.4205, 0.4243,
0.3016

178.9938, 0.3527,
0.3202

 4.3652, 0.4515,
0.2937

219.8909, 0.3501,
0.3208

 1.8799, 0.4953,
0.2799

266.5863, 0.3477,

 0.5362, 0.6356,

0.3214

319.4645, 0.3457,
0.3219

0.2565

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.0297, 0.3750,
0.3148

48.0297, 0.3750,
0.3148

39.5364, 0.4043,
0.3104

58.2761, 0.3510,
0.3194

32.6912, 0.4393,
0.3067

70.3593, 0.3316,
0.3238

27.3887, 0.4794,
0.3044

84.3655, 0.3160,
0.3280

23.5082, 0.5224,
0.3043

97.4447, 0.3042,
0.3290

■ 20.9110, 0.5641,
0.3071

■ 19.4303, 0.5991,
0.3129

■ 18.8590, 0.6188,
0.3183

Harmonies

Analogous

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



48.0297, 0.3357, 0.2849



48.0297, 0.3750, 0.3148



48.0297, 0.3968, 0.3493

Triad

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



48.0297, 0.3750, 0.3148



48.0297, 0.3287, 0.4039



48.0297, 0.2369, 0.2711

Complementary

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



48.0297, 0.3750, 0.3148



76.3122, 0.2730, 0.3440

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.



48.0297, 0.2354, 0.2993



48.0297, 0.3750, 0.3148



48.0297, 0.2865, 0.3800

Square

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



48.0297, 0.3750, 0.3148



48.0297, 0.3683, 0.4031



48.0297, 0.2529, 0.3397



48.0297, 0.2568, 0.2599

Rectangle

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



48.0297, 0.3750, 0.3148



48.0297, 0.3976, 0.3716



48.0297, 0.2529, 0.3397



48.0297, 0.2342, 0.2787

Sweetspot

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



48.0320, 0.3750, 0.3148



83.5018, 0.3276, 0.3249



49.0419, 0.3056, 0.2458



17.4151, 0.3300, 0.3242



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.



48.0320, 0.3750, 0.3148



47.8695, 0.3942, 0.3118



57.7459, 0.3785, 0.3578



15.8018, 0.3267, 0.3251



10.2378, 0.6156, 0.3165



0.8641, 0.5823, 0.2982

Inverse Universe

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



48.0320, 0.3750, 0.3148



47.8695, 0.3942, 0.3118



62.7459, 0.2627, 0.2981



15.8018, 0.3267, 0.3251



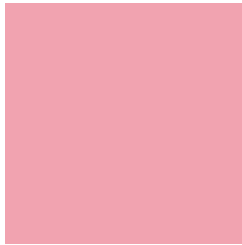
10.2378, 0.6156, 0.3165



0.8641, 0.5823, 0.2982

Previews

White Background



This preview shows how the Yxy color 48.0297, 0.3750, 0.3148 looks on a white background.

Color Contrast Check

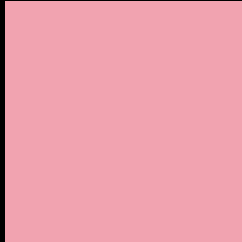
Large Text (above 18pt) WCAG AA × Fail

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 48.0297, 0.3750, 0.3148 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 48.0297, 0.3750, 0.3148

Background



This preview shows how black text looks on a background with the Yxy color 48.0297, 0.3750, 0.3148.



This preview shows how white text looks on a background with the Yxy color 48.0297, 0.3750, 0.3148.

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

48.0297, 0.3750, 0.3148

Protanopia

48.4766, 0.3121, 0.3239

Deuteranopia

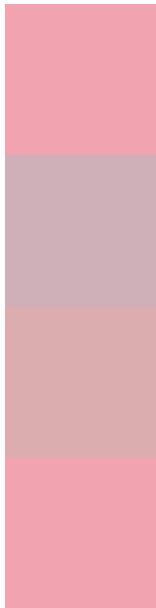
48.1233, 0.3427, 0.3352



Tritanopia

47.9903, 0.3759, 0.3159

Trichromacy



Original Color

48.0297, 0.3750, 0.3148

Protanomaly

47.7768, 0.3336, 0.3193

Deuteranomaly

48.0032, 0.3539, 0.3279

Tritanomaly

47.9903, 0.3759, 0.3159

Monochromacy



Original Color

48.0297, 0.3750, 0.3148

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

48.9663, 0.3331, 0.3230

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.0297, 0.3750, 0.3148 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(241, 163, 176)` looks like.

```
.text, #text, p{  
    color:rgb(241, 163, 176)  
}
```

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(241, 163, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 163, 176) }
```

Border

The CSS property to change the border of an element to Yxy 48.0297, 0.3750, 0.3148 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(241, 163, 176) }
```

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

```
.border{ border-color:rgb(241, 163, 176) }
```

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

Here you see how a box with a 4 pixel rgb(241, 163, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 163, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 163, 176);  
box-shadow:4px 4px 4px 4px rgb(241, 163,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 48.0297, 0.3750, 0.3148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 163, 176) }
```

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

```
.background{ background-color: rgb(241,  
163, 176) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor