

Converting Colors

Yxy(58.4629, 0.4213, 0.3050)

Have a look what the booklet for
Yxy(58.4629, 0.4213, 0.3050)
contains.

Yxy(48.8346, 0.3817, 0.3009)	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(48.8346, 0.3817, 0.3009)

Conversions

Conversions Part 1

Format	Color
Hex	FF9DB8
RGB	255, 157, 184
RGB Percent	100%, 62%, 72%
CMY	0.0000, 0.3843, 0.2784
CMYK	0.00, 0.38, 0.28, 0.00
HSL	343°, 100%, 81%
HSV	343°, 38%, 100%
XYZ	61.9480, 48.8346, 51.5125
YIQ	189.3800, 49.7410, 29.1730

Conversions

Conversions Part 2

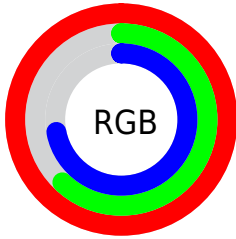
Format	Color
R _Y B	255, 157, 184
Decimal	16752056
CIE Lab	75.35, 39.77, 1.66
CIE LCh	75, 39.802, 2.385
Yxy	48.8346, 0.3817, 0.3009
Android (android.graphics.Color)	4294942136 (0xFFFF9DB8)
YUV	189.3800, -2.6523, 57.5487
Hunter-Lab	69.8818, 35.9417, 5.2123

Details

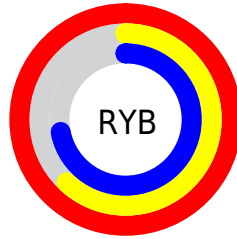
The Yxy color **48.8346, 0.3817, 0.3009** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **84.2874, 0.2718, 0.3598**, and the grayscale version is **51.1137, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.1398, 0.3249, 0.3023**, and **23.2751, 0.4008, 0.2932** is the 20% darker color. If you saturate the color by 10%, you get **40.3649, 0.4098, 0.2940**, and if you desaturate by 10%, it is **59.2106, 0.3583, 0.3084**.

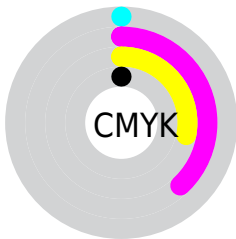
Distribution



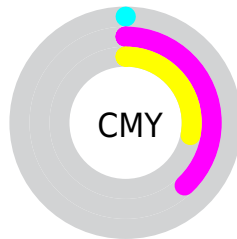
- Red (100%)
- Green (62%)
- Blue (72%)



- Red (100%)
- Yellow (62%)
- Blue (72%)



- Cyan (0%)
- Magenta (38%)
- Yellow (28%)
- Black (0%)





- Cyan (0%)
- Magenta (38%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.8346, 0.3817, 0.3009 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 48.8346, 0.3817, 0.3009 by changing the saturation by 10% instead.


 48.8346, 0.3817,
0.3009


 48.8346, 0.3817,
0.3009


382.0908, 0.3475,
0.3150

 34.4883, 0.3901,
0.2974


 88.4457, 0.3693,
0.3060

 23.2690, 0.4009,
0.2929


 114.4794, 0.3647,
0.3079

 14.7922, 0.4152,
0.2869


145.1776, 0.3607,
0.3096

 8.6737, 0.4347,
0.2786

180.9247, 0.3573,
0.3110

 4.5290, 0.4633,
0.2664

222.1052, 0.3544,
0.3122

 1.9736, 0.5085,
0.2468

269.1035, 0.3518,

 0.5921, 0.6082,

0.3132

0.2069

322.3039, 0.3495,
0.3142

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.8346, 0.3817,
0.3009

48.8346, 0.3817,
0.3009

40.3649, 0.4098,
0.2940

59.2106, 0.3583,
0.3084

33.6777, 0.4425,
0.2885

71.5926, 0.3391,
0.3160

28.6455, 0.4791,
0.2855

86.0818, 0.3235,
0.3232

25.1208, 0.5175,
0.2862

99.9992, 0.3127,
0.3290

■ 22.9296, 0.5540,
0.2913

■ 21.8295, 0.5851,
0.3006

■ 21.7047, 0.5894,
0.3021

Harmonies

Analogous

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



48.8346, 0.3281, 0.2668



48.8346, 0.3817, 0.3009



48.8346, 0.4163, 0.3426

Triad

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



48.8346, 0.3817, 0.3009



48.8346, 0.3446, 0.4284



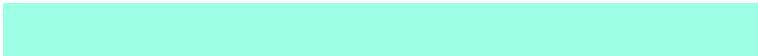
48.8346, 0.2155, 0.2618

Complementary

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



48.8346, 0.3817, 0.3009



84.2874, 0.2718, 0.3598

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.



48.8346, 0.2190, 0.3011



48.8346, 0.3817, 0.3009



48.8346, 0.2908, 0.4054

Square

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



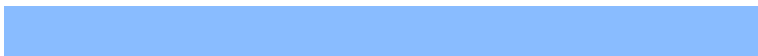
48.8346, 0.3817, 0.3009



48.8346, 0.3921, 0.4178



48.8346, 0.2454, 0.3553



48.8346, 0.2347, 0.2438

Rectangle

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



48.8346, 0.3817, 0.3009



48.8346, 0.4221, 0.3711



48.8346, 0.2454, 0.3553



48.8346, 0.2141, 0.2727

Sweetspot

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



48.8370, 0.3817, 0.3009



80.6602, 0.3287, 0.3207



47.7052, 0.2944, 0.2270



16.8549, 0.3307, 0.3197



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.



48.8370, 0.3817, 0.3009



42.2541, 0.4025, 0.2956



55.6297, 0.4000, 0.3516



18.0693, 0.3251, 0.3225



11.3631, 0.5853, 0.2998



1.1239, 0.5534, 0.2822

Inverse Universe

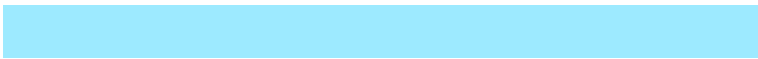
The Inverse Universe completely reimagines the original color for something new.



48.8370, 0.3817, 0.3009



42.2541, 0.4025, 0.2956



73.1006, 0.2556, 0.3047



18.0693, 0.3251, 0.3225



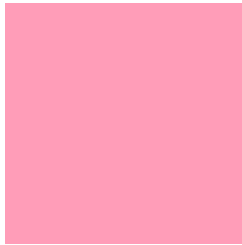
11.3631, 0.5853, 0.2998



1.1239, 0.5534, 0.2822

Previews

White Background



This preview shows how the Yxy color 48.8346, 0.3817, 0.3009 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 48.8346, 0.3817, 0.3009 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 48.8346, 0.3817, 0.3009

Background



This preview shows how black text looks on a background with the Yxy color 48.8346, 0.3817, 0.3009.



This preview shows how white text looks on a background with the Yxy color 48.8346, 0.3817, 0.3009.

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

48.8346, 0.3817, 0.3009

Protanopia

49.1823, 0.3013, 0.3101

Deuteranopia

49.0596, 0.3355, 0.3291



Tritanopia

48.8074, 0.3932, 0.3166

Trichromacy



Original Color

48.8346, 0.3817, 0.3009



Protanomaly

48.2566, 0.3278, 0.3063



Deuteranomaly

48.6885, 0.3523, 0.3186



Tritanomaly

48.6591, 0.3885, 0.3102

Monochromacy



Original Color

48.8346, 0.3817, 0.3009



Achromatopsia

50.8881, 0.3127, 0.3290



Achromatomaly

49.1783, 0.3362, 0.3171

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.8346, 0.3817, 0.3009 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(255, 157, 184)` looks like.

```
.text, #text, p{  
    color:rgb(255, 157, 184)  
}
```

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(255, 157, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 157, 184) }
```

Border

The CSS property to change the border of an element to Yxy 48.8346, 0.3817, 0.3009 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(255, 157, 184) }
```

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

```
.border{ border-color:rgb(255, 157, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 157, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 157, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 157, 184);  
box-shadow:4px 4px 4px 4px rgb(255, 157,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 48.8346, 0.3817, 0.3009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 157, 184) }
```

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

```
.background{ background-color: rgb(255,  
157, 184) }
```

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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