

Converting Colors

$Y_{xy}(48.8933, 0.3667, 0.2942)$

Have a look what the booklet for
Yxy(48.8933, 0.3667, 0.2942)
contains.

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Color

Yxy(48.9038, 0.3667, 0.2949)

Conversions

Conversions Part 1

Format	Color
Hex	F8A0C0
RGB	248, 160, 192
RGB Percent	97%, 63%, 75%
CMY	0.0273, 0.3726, 0.2470
CMYK	0.00, 0.36, 0.23, 0.03
HSL	338°, 86%, 80%
HSV	338°, 36%, 97%
XYZ	60.8105, 48.9038, 56.1175
YIQ	189.9600, 42.1760, 28.6080

Conversions

Conversions Part 2

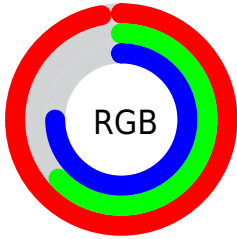
Format	Color
R _Y B	248, 160, 192
Decimal	16294080
CIE Lab	75.39, 36.91, -2.78
CIE LCh	75, 37.017, 355.691
Yxy	48.9038, 0.3667, 0.2949
Android (android.graphics.Color)	4294484160 (0xFFF8A0C0)
YUV	189.9600, 1.0057, 50.9011
Hunter-Lab	69.9313, 32.8396, 1.3736

Details

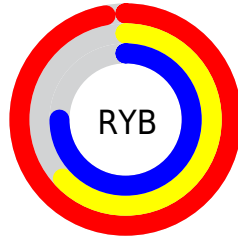
The Yxy color **48.9038, 0.3667, 0.2949** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **79.5919, 0.2784, 0.3664**, and the grayscale version is **51.4459, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.1490, 0.3192, 0.2976**, and **23.3266, 0.3810, 0.2853** is the 20% darker color. If you saturate the color by 10%, you get **40.4859, 0.3896, 0.2854**, and if you desaturate by 10%, it is **59.1168, 0.3475, 0.3049**.

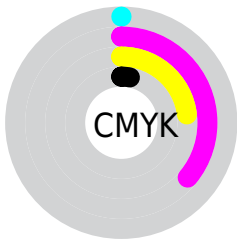
Distribution



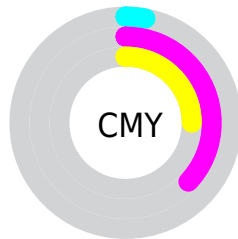
- Red (97%)
- Green (63%)
- Blue (75%)



- Red (97%)
- Yellow (63%)
- Blue (75%)



- Cyan (0%)
- Magenta (36%)
- Yellow (23%)
- Black (3%)




- Cyan (3%)
- Magenta (37%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.9038, 0.3667, 0.2949 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 48.9038, 0.3667, 0.2949 by changing the saturation by 10% instead.


 48.9038, 0.3667,
0.2949


 48.9038, 0.3667,
0.2949


382.3635, 0.3401,
0.3116

 34.5432, 0.3732,
0.2909


 88.5486, 0.3571,
0.3009

 23.3112, 0.3815,
0.2858

 114.6015, 0.3535,
0.3031

 14.8235, 0.3925,
0.2791


145.3206, 0.3504,
0.3051

 8.6956, 0.4075,
0.2700

181.0904, 0.3478,
0.3067

 4.5432, 0.4293,
0.2569

222.2952, 0.3455,
0.3082

 1.9818, 0.4638,
0.2367

269.3193, 0.3434,

 0.5969, 0.5318,

0.3094

0.1939

322.5473, 0.3417,
0.3106

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.9038, 0.3667,
0.2949

48.9038, 0.3667,
0.2949

40.4859, 0.3896,
0.2854

59.1168, 0.3475,
0.3049

33.7512, 0.4165,
0.2771

71.2142, 0.3317,
0.3147

28.5860, 0.4470,
0.2712

85.2878, 0.3188,
0.3241

24.8594, 0.4799,
0.2690

98.7047, 0.3084,
0.3290

■ 22.4191, 0.5131,
0.2717

■ 21.0773, 0.5441,
0.2795

■ 20.7073, 0.5569,
0.2841

Harmonies

Analogous

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



48.9038, 0.3154, 0.2652



48.9038, 0.3667, 0.2949



48.9038, 0.4041, 0.3331

Triad

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



48.9038, 0.3667, 0.2949



48.9038, 0.3536, 0.4215



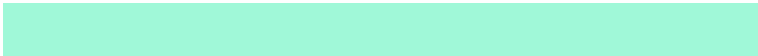
48.9038, 0.2205, 0.2732

Complementary

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



48.9038, 0.3667, 0.2949



79.5919, 0.2784, 0.3664

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.



48.9038, 0.2288, 0.3139



48.9038, 0.3667, 0.2949



48.9038, 0.3036, 0.4070

Square

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



48.9038, 0.3667, 0.2949



48.9038, 0.3947, 0.4066



48.9038, 0.2583, 0.3650



48.9038, 0.2339, 0.2514

Rectangle

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



48.9038, 0.3667, 0.2949



48.9038, 0.4142, 0.3601



48.9038, 0.2583, 0.3650



48.9038, 0.2208, 0.2848

Sweetspot

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



48.9061, 0.3667, 0.2949



82.2944, 0.3256, 0.3190



46.4762, 0.2903, 0.2335



17.1864, 0.3274, 0.3177



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.



48.9061, 0.3667, 0.2949



45.1313, 0.3837, 0.2876



51.9013, 0.3938, 0.3419



17.3296, 0.3237, 0.3204



11.2060, 0.5527, 0.2818



1.0574, 0.5199, 0.2638

Inverse Universe

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



48.9061, 0.3667, 0.2949



45.1313, 0.3837, 0.2876



74.4172, 0.2608, 0.3154



17.3296, 0.3237, 0.3204



11.2060, 0.5527, 0.2818



1.0574, 0.5199, 0.2638

Previews

White Background



This preview shows how the Yxy color 48.9038, 0.3667, 0.2949 looks on a white background.

Color Contrast Check

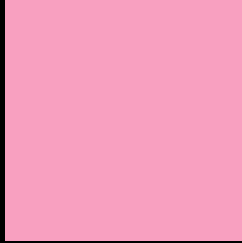
Large Text (above 18pt) WCAG AA × Fail

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 48.9038, 0.3667, 0.2949 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 48.9038, 0.3667, 0.2949

Background



This preview shows how black text looks on a background with the Yxy color 48.9038, 0.3667, 0.2949.

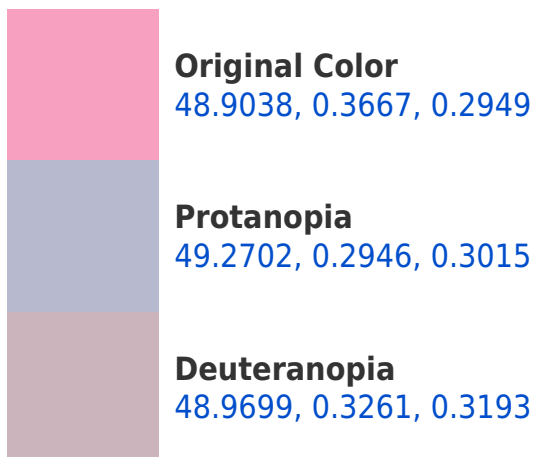


This preview shows how white text looks on a background with the Yxy color 48.9038, 0.3667, 0.2949.

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





Tritanopia

48.8824, 0.3806, 0.3162

Trichromacy



Original Color

48.9038, 0.3667, 0.2949



Protanomaly

48.5803, 0.3185, 0.2980



Deuteranomaly

48.6213, 0.3405, 0.3103



Tritanomaly

48.9510, 0.3759, 0.3087

Monochromacy



Original Color

48.9038, 0.3667, 0.2949



Achromatopsia

51.4918, 0.3127, 0.3290



Achromatomaly

49.8507, 0.3308, 0.3147

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.9038, 0.3667, 0.2949 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(248, 160, 192)` looks like.

```
.text, #text, p{  
    color:rgb(248, 160, 192)  
}
```

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(248, 160, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 160, 192) }
```

Border

The CSS property to change the border of an element to Yxy 48.9038, 0.3667, 0.2949 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(248, 160, 192) }
```

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

```
.border{ border-color:rgb(248, 160, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 160, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 160, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 160, 192);  
box-shadow:4px 4px 4px 4px rgb(248, 160,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 48.9038, 0.3667, 0.2949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 160, 192) }
```

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

```
.background{ background-color: rgb(248,  
160, 192) }
```

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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