

Converting Colors

$Y_{xy}(49.8751, 0.3813, 0.3046)$

Have a look what the booklet for
Yxy(49.8751, 0.3813, 0.3046)
contains.

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Color

Yxy(49.8623, 0.3809, 0.3040)

Conversions

Conversions Part 1

Format	Color
Hex	FFA0B8
RGB	255, 160, 184
RGB Percent	100%, 63%, 72%
CMY	0.0000, 0.3726, 0.2784
CMYK	0.00, 0.37, 0.28, 0.00
HSL	345°, 100%, 81%
HSV	345°, 37%, 100%
XYZ	62.4755, 49.8623, 51.6829
YIQ	191.1410, 48.9160, 27.6040

Conversions

Conversions Part 2

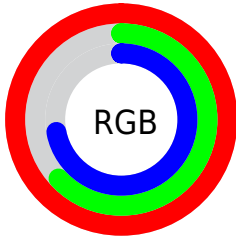
Format	Color
R _Y B	255, 160, 184
Decimal	16752824
CIE _{Lab}	75.98, 38.25, 2.58
CIE _{LCh}	76, 38.339, 3.861
Yxy	49.8623, 0.3809, 0.3040
Android (android.graphics.Color)	4294942904 (0xFFFFA0B8)
YUV	191.1410, -3.5205, 56.0043
Hunter-Lab	70.6132, 34.3558, 6.0340

Details

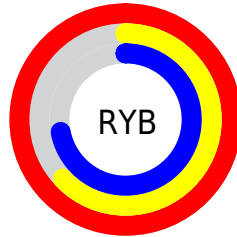
The Yxy color **49.8623, 0.3809, 0.3040** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **84.7596, 0.2718, 0.3562**, and the grayscale version is **52.1787, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.6630, 0.3246, 0.3053**, and **23.8898, 0.3995, 0.2971** is the 20% darker color. If you saturate the color by 10%, you get **41.1585, 0.4094, 0.2976**, and if you desaturate by 10%, it is **60.4742, 0.3572, 0.3109**.

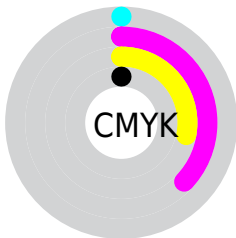
Distribution



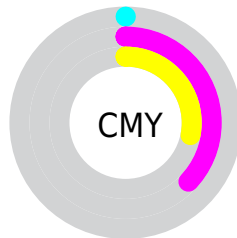
- Red (100%)
- Green (63%)
- Blue (72%)



- Red (100%)
- Yellow (63%)
- Blue (72%)



- Cyan (0%)
- Magenta (37%)
- Yellow (28%)
- Black (0%)





- Cyan (0%)
- Magenta (37%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.8623, 0.3809, 0.3040 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 49.8623, 0.3809, 0.3040 by changing the saturation by 10% instead.


 49.8623, 0.3809,
0.3040


 49.8623, 0.3809,
0.3040


386.1272, 0.3471,
0.3166

 35.3040, 0.3892,
0.3008


 89.9708, 0.3687,
0.3086

 23.8971, 0.3998,
0.2968


 116.2898, 0.3641,
0.3103

 15.2573, 0.4138,
0.2914


147.2979, 0.3602,
0.3118

 9.0002, 0.4330,
0.2839

183.3793, 0.3568,
0.3130

 4.7413, 0.4609,
0.2728

224.9186, 0.3539,
0.3141

 2.0963, 0.5049,
0.2548

272.3001, 0.3514,

 0.6625, 0.5979,

0.3150

0.2214

325.9081, 0.3491,
0.3159

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

49.8623, 0.3809,
0.3040

49.8623, 0.3809,
0.3040

41.1585, 0.4094,
0.2976

60.4742, 0.3572,
0.3109

34.2656, 0.4428,
0.2924

73.1190, 0.3379,
0.3178

29.0488, 0.4803,
0.2895

87.8889, 0.3222,
0.3245

25.3627, 0.5197,
0.2900

100.0000, 0.3127,
0.3290

■ 23.0362, 0.5575,
0.2948

■ 21.8499, 0.5891,
0.3035

■ 21.6357, 0.5967,
0.3061

Harmonies

Analogous

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



49.8623, 0.3302, 0.2706



49.8623, 0.3809, 0.3040



49.8623, 0.4127, 0.3444

Triad

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



49.8623, 0.3809, 0.3040



49.8623, 0.3410, 0.4236



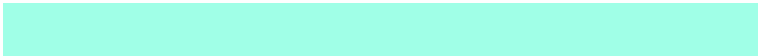
49.8623, 0.2197, 0.2634

Complementary

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



49.8623, 0.3809, 0.3040



84.7596, 0.2718, 0.3562

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.



49.8623, 0.2220, 0.3003



49.8623, 0.3809, 0.3040



49.8623, 0.2895, 0.3999

Square

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



49.8623, 0.3809, 0.3040



49.8623, 0.3871, 0.4153



49.8623, 0.2465, 0.3516



49.8623, 0.2392, 0.2468

Rectangle

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



49.8623, 0.3809, 0.3040



49.8623, 0.4173, 0.3717



49.8623, 0.2465, 0.3516



49.8623, 0.2180, 0.2735

Sweetspot

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



49.8561, 0.3809, 0.3040



82.1138, 0.3277, 0.3220



49.1221, 0.2964, 0.2306



17.1435, 0.3298, 0.3211



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.



49.8561, 0.3809, 0.3040



42.9639, 0.4025, 0.2989



57.3156, 0.3958, 0.3525



18.0624, 0.3254, 0.3230



11.3252, 0.5927, 0.3039



1.1194, 0.5611, 0.2865

Inverse Universe

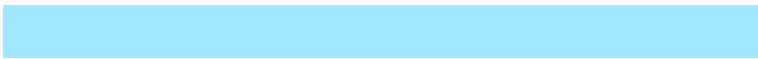
The Inverse Universe completely reimagines the original color for something new.



49.8561, 0.3809, 0.3040



42.9639, 0.4025, 0.2989



72.8726, 0.2569, 0.3037



18.0624, 0.3254, 0.3230



11.3252, 0.5927, 0.3039



1.1194, 0.5611, 0.2865

Previews

White Background



This preview shows how the Yxy color 49.8623, 0.3809, 0.3040 looks on a white background.

Color Contrast Check

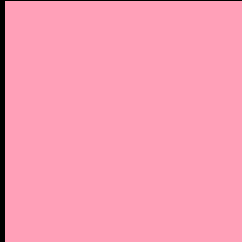
Large Text (above 18pt) WCAG AA × Fail

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 49.8623, 0.3809, 0.3040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

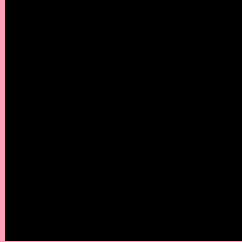
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.8623, 0.3809, 0.3040

Background



This preview shows how black text looks on a background with the Yxy color 49.8623, 0.3809, 0.3040.



This preview shows how white text looks on a background with the Yxy color 49.8623, 0.3809, 0.3040.

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

49.9675, 0.3892, 0.3165

Trichromacy



Original Color

49.8623, 0.3809, 0.3040



Protanomaly

49.3364, 0.3294, 0.3089



Deuteranomaly

49.3921, 0.3539, 0.3199



Tritanomaly

49.7749, 0.3856, 0.3113

Monochromacy



Original Color

49.8623, 0.3809, 0.3040



Achromatopsia

52.0996, 0.3127, 0.3290



Achromatomaly

50.5695, 0.3358, 0.3196

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.8623, 0.3809, 0.3040 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, 160, 184)` looks like.

```
.text, #text, p{  
    color:rgb(255, 160, 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, 160, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 160, 184) }
```

Border

The CSS property to change the border of an element to Yxy 49.8623, 0.3809, 0.3040 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, 160, 184) }
```

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

```
.border{ border-color:rgb(255, 160, 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, 160, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 160, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 160, 184);  
box-shadow:4px 4px 4px 4px rgb(255, 160,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 49.8623, 0.3809, 0.3040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 160, 184) }
```

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

```
.background{ background-color: rgb(255,  
160, 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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