

Converting Colors

$Yxy(48.6097, 0.3810, 0.3106)$

Have a look what the booklet for
Yxy(48.6097, 0.3810, 0.3106)
contains.

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Color

Yxy(48.8438, 0.3810, 0.3109)

Conversions

Conversions Part 1

Format	Color
Hex	F9A1B2
RGB	249, 161, 178
RGB Percent	98%, 63%, 70%
CMY	0.0234, 0.3687, 0.3019
CMYK	0.00, 0.35, 0.29, 0.02
HSL	348°, 88%, 80%
HSV	348°, 35%, 98%
XYZ	59.8568, 48.8438, 48.4039
YIQ	189.2500, 46.9910, 23.9430

Conversions

Conversions Part 2

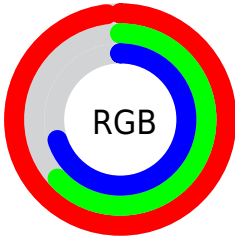
Format	Color
R_{YB}	249, 161, 178
Decimal	16359858
CIE _{Lab}	75.35, 34.81, 4.87
CIE _{LCh}	75, 35.148, 7.958
Yxy	48.8438, 0.3810, 0.3109
Android (android.graphics.Color)	4294549938 (0xFFFF9A1B2)
YUV	189.2500, -5.5462, 52.4008
Hunter-Lab	69.8883, 30.5742, 7.8582

Details

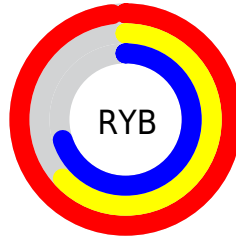
The Yxy color **48.8438, 0.3810, 0.3109** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **81.1707, 0.2710, 0.3484**, and the grayscale version is **51.0535, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.8262, 0.3287, 0.3121**, and **23.2822, 0.4014, 0.3059** is the 20% darker color. If you saturate the color by 10%, you get **40.2441, 0.4110, 0.3059**, and if you desaturate by 10%, it is **59.2994, 0.3563, 0.3162**.

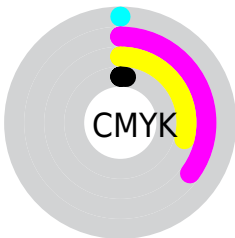
Distribution



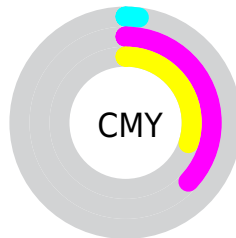
- Red (98%)
- Green (63%)
- Blue (70%)



- Red (98%)
- Yellow (63%)
- Blue (70%)



- Cyan (0%)
- Magenta (35%)
- Yellow (29%)
- Black (2%)





- Cyan (2%)
- Magenta (37%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.8438, 0.3810, 0.3109 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 48.8438, 0.3810, 0.3109 by changing the saturation by 10% instead.


 48.8438, 0.3810,
0.3109


 48.8438, 0.3810,
0.3109

382.1271, 0.3470,
0.3203

 34.4956, 0.3894,
0.3085


 88.4594, 0.3687,
0.3144

 23.2746, 0.4002,
0.3053


 114.4956, 0.3640,
0.3157

 14.7964, 0.4145,
0.3010

145.1966, 0.3601,
0.3168

 8.6766, 0.4343,
0.2948

180.9468, 0.3567,
0.3177

 4.5309, 0.4632,
0.2854

222.1305, 0.3538,
0.3185

 1.9747, 0.5094,
0.2695

269.1322, 0.3512,

 0.5927, 0.6335,

0.3192

0.2419

322.3363, 0.3490,
0.3198

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.8438, 0.3810,
0.3109

48.8438, 0.3810,
0.3109

40.2441, 0.4110,
0.3059

59.2994, 0.3563,
0.3162

33.3846, 0.4464,
0.3019

71.7036, 0.3362,
0.3215

28.1479, 0.4864,
0.2997

86.1512, 0.3201,
0.3265

24.3988, 0.5285,
0.3002

98.8849, 0.3090,
0.3290

■ 21.9800, 0.5684,
0.3041

■ 20.6982, 0.6010,
0.3113

■ 20.3599, 0.6129,
0.3150

Harmonies

Analogous

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



48.8438, 0.3358, 0.2784



48.8438, 0.3810, 0.3109



48.8438, 0.4069, 0.3491

Triad

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



48.8438, 0.3810, 0.3109



48.8438, 0.3327, 0.4147



48.8438, 0.2275, 0.2651

Complementary

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



48.8438, 0.3810, 0.3109



81.1707, 0.2710, 0.3484

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.



48.8438, 0.2269, 0.2972



48.8438, 0.3810, 0.3109



48.8438, 0.2853, 0.3889

Square

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



48.8438, 0.3810, 0.3109



48.8438, 0.3768, 0.4115



48.8438, 0.2472, 0.3433



48.8438, 0.2485, 0.2520

Rectangle

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



48.8438, 0.3810, 0.3109



48.8438, 0.4086, 0.3742



48.8438, 0.2472, 0.3433



48.8438, 0.2250, 0.2738

Sweetspot

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



48.8461, 0.3810, 0.3109



82.0185, 0.3288, 0.3237



49.3862, 0.3023, 0.2372



17.1209, 0.3310, 0.3230



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.



48.8461, 0.3810, 0.3109



45.2588, 0.4005, 0.3075



58.4287, 0.3877, 0.3575



17.2801, 0.3263, 0.3244



10.9110, 0.6095, 0.3131



1.0246, 0.5784, 0.2960

Inverse Universe

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



48.8461, 0.3810, 0.3109



45.2588, 0.4005, 0.3075



66.9879, 0.2586, 0.2983



17.2801, 0.3263, 0.3244



10.9110, 0.6095, 0.3131



1.0246, 0.5784, 0.2960

Previews

White Background



This preview shows how the Yxy color 48.8438, 0.3810, 0.3109 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 48.8438, 0.3810, 0.3109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

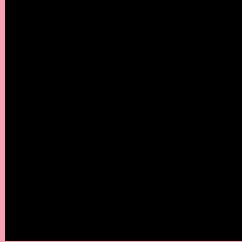
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.8438, 0.3810, 0.3109

Background



This preview shows how black text looks on a background with the Yxy color 48.8438, 0.3810, 0.3109.



This preview shows how white text looks on a background with the Yxy color 48.8438, 0.3810, 0.3109.

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

48.8438, 0.3810, 0.3109

Protanopia

49.1951, 0.3098, 0.3202

Deuteranopia

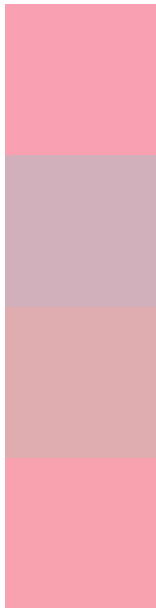
49.1476, 0.3415, 0.3352



Tritanopia

49.0364, 0.3846, 0.3163

Trichromacy



Original Color

48.8438, 0.3810, 0.3109

Protanomaly

48.3402, 0.3337, 0.3158

Deuteranomaly

48.7097, 0.3557, 0.3256

Tritanomaly

49.0755, 0.3836, 0.3152

Monochromacy



Original Color

48.8438, 0.3810, 0.3109

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

49.5919, 0.3358, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.8438, 0.3810, 0.3109 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(249, 161, 178)` looks like.

```
.text, #text, p{  
    color:rgb(249, 161, 178)  
}
```

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(249, 161, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 161, 178) }
```

Border

The CSS property to change the border of an element to Yxy 48.8438, 0.3810, 0.3109 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(249, 161, 178) }
```

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

```
.border{ border-color:rgb(249, 161, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 161, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 161, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 161, 178);  
box-shadow:4px 4px 4px 4px rgb(249, 161,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 48.8438, 0.3810, 0.3109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 161, 178) }
```

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

```
.background{ background-color: rgb(249,  
161, 178) }
```

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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