

Converting Colors

$Yxy(49.0424, 0.3714, 0.3069)$

Have a look what the booklet for
Yxy(49.0424, 0.3714, 0.3069)
contains.

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Color

Yxy(49.0258, 0.3719, 0.3074)

Conversions

Conversions Part 1

Format	Color
Hex	F5A3B7
RGB	245, 163, 183
RGB Percent	96%, 64%, 72%
CMY	0.0391, 0.3608, 0.2823
CMYK	0.00, 0.33, 0.25, 0.04
HSL	345°, 80%, 80%
HSV	345°, 33%, 96%
XYZ	59.3126, 49.0258, 51.1470
YIQ	189.7980, 42.4520, 23.6040

Conversions

Conversions Part 2

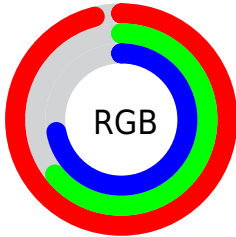
Format	Color
R_{YB}	245, 163, 183
Decimal	16098231
CIE _{Lab}	75.47, 33.02, 2.23
CIE _{LCh}	75, 33.093, 3.866
Yxy	49.0258, 0.3719, 0.3074
Android (android.graphics.Color)	4294288311 (0xFFFF5A3B7)
YUV	189.7980, -3.3514, 48.4122
Hunter-Lab	70.0184, 28.6751, 5.7028

Details

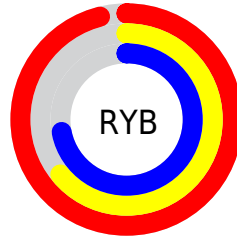
The Yxy color **49.0258, 0.3719, 0.3074** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **78.5506, 0.2751, 0.3521**, and the grayscale version is **51.3736, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.1550, 0.3251, 0.3093**, and **23.3284, 0.3886, 0.3012** is the 20% darker color. If you saturate the color by 10%, you get **40.4331, 0.3988, 0.3010**, and if you desaturate by 10%, it is **59.4103, 0.3498, 0.3141**.

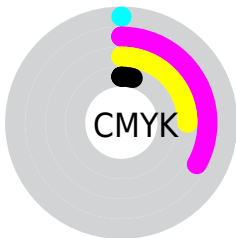
Distribution



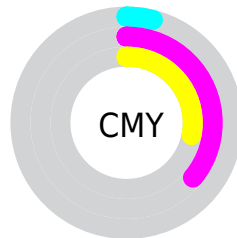
- Red (96%)
- Green (64%)
- Blue (72%)



- Red (96%)
- Yellow (64%)
- Blue (72%)



- Cyan (0%)
- Magenta (33%)
- Yellow (25%)
- Black (4%)




- Cyan (4%)
- Magenta (36%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.0258, 0.3719, 0.3074 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 49.0258, 0.3719, 0.3074 by changing the saturation by 10% instead.


 49.0258, 0.3719,
0.3074


 49.0258, 0.3719,
0.3074

382.8439, 0.3425,
0.3183

 34.6399, 0.3792,
0.3047


 88.7298, 0.3613,
0.3114

 23.3857, 0.3885,
0.3011


 114.8167, 0.3573,
0.3129

 14.8785, 0.4008,
0.2964


145.5727, 0.3539,
0.3141

 8.7342, 0.4177,
0.2899

181.3823, 0.3509,
0.3152

 4.5682, 0.4426,
0.2801

222.6298, 0.3484,
0.3161

 1.9962, 0.4825,
0.2640

269.6997, 0.3462,

 0.6053, 0.5759,

0.3169

0.2316

322.9762, 0.3442,
0.3177

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

49.0258, 0.3719,
0.3074

49.0258, 0.3719,
0.3074

40.4331, 0.3988,
0.3010

59.4103, 0.3498,
0.3141

33.5236, 0.4307,
0.2954

71.6732, 0.3317,
0.3207

28.1875, 0.4672,
0.2917

85.9040, 0.3171,
0.3269

24.2994, 0.5066,
0.2909

98.1598, 0.3066,
0.3290

■ 21.7141, 0.5458,
0.2940

■ 20.2557, 0.5803,
0.3012

■ 19.7442, 0.5988,
0.3073

Harmonies

Analogous

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



49.0258, 0.3282, 0.2777



49.0258, 0.3719, 0.3074



49.0258, 0.3994, 0.3433

Triad

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



49.0258, 0.3719, 0.3074



49.0258, 0.3379, 0.4105



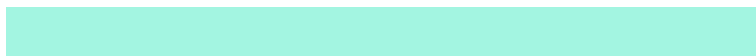
49.0258, 0.2309, 0.2720

Complementary

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



49.0258, 0.3719, 0.3074



78.5506, 0.2751, 0.3521

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.



49.0258, 0.2331, 0.3046



49.0258, 0.3719, 0.3074



49.0258, 0.2929, 0.3898

Square

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



49.0258, 0.3719, 0.3074



49.0258, 0.3779, 0.4044



49.0258, 0.2550, 0.3488



49.0258, 0.2483, 0.2569

Rectangle

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



49.0258, 0.3719, 0.3074



49.0258, 0.4036, 0.3673



49.0258, 0.2550, 0.3488



49.0258, 0.2294, 0.2811

Sweetspot

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



49.0281, 0.3719, 0.3074



83.6160, 0.3263, 0.3229



48.7152, 0.2997, 0.2414



17.4425, 0.3285, 0.3220



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.



49.0281, 0.3719, 0.3074



47.2530, 0.3891, 0.3031



56.1363, 0.3839, 0.3515



16.5489, 0.3255, 0.3232



10.6509, 0.5949, 0.3051



0.9517, 0.5601, 0.2859

Inverse Universe

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



49.0281, 0.3719, 0.3074



47.2530, 0.3891, 0.3031



67.9745, 0.2620, 0.3051



16.5489, 0.3255, 0.3232



10.6509, 0.5949, 0.3051



0.9517, 0.5601, 0.2859

Previews

White Background



This preview shows how the Yxy color 49.0258, 0.3719, 0.3074 looks on a white background.

Color Contrast Check

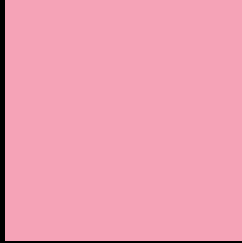
Large Text (above 18pt) WCAG AA × Fail

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 49.0258, 0.3719, 0.3074 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 49.0258, 0.3719, 0.3074

Background



This preview shows how black text looks on a background with the Yxy color 49.0258, 0.3719, 0.3074.



This preview shows how white text looks on a background with the Yxy color 49.0258, 0.3719, 0.3074.

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

49.0258, 0.3719, 0.3074

Protanopia

49.2482, 0.3059, 0.3152

Deuteranopia

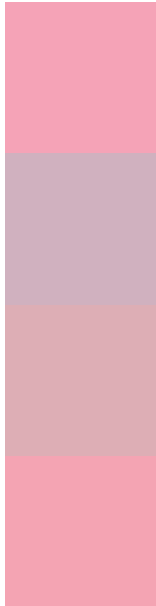
49.2032, 0.3364, 0.3291



Tritanopia

48.9583, 0.3765, 0.3150

Trichromacy



Original Color

49.0258, 0.3719, 0.3074

Protanomaly

48.6158, 0.3284, 0.3122

Deuteranomaly

48.9805, 0.3492, 0.3209

Tritanomaly

49.0387, 0.3745, 0.3128

Monochromacy



Original Color

49.0258, 0.3719, 0.3074

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

49.9320, 0.3331, 0.3207

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.0258, 0.3719, 0.3074 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(245, 163, 183)` looks like.

```
.text, #text, p{  
    color:rgb(245, 163, 183)  
}
```

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(245, 163, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 163, 183) }
```

Border

The CSS property to change the border of an element to Yxy 49.0258, 0.3719, 0.3074 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(245, 163, 183) }
```

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

```
.border{ border-color:rgb(245, 163, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 163, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 163, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 163, 183);  
box-shadow:4px 4px 4px 4px rgb(245, 163,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 49.0258, 0.3719, 0.3074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 163, 183) }
```

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

```
.background{ background-color: rgb(245,  
163, 183) }
```

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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