

Converting Colors

$Yxy(49.9070, 0.3719, 0.3142)$

Have a look what the booklet for
Yxy(49.9070, 0.3719, 0.3142)
contains.

Yxy(49.9874, 0.3718, 0.3149)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(49.9874, 0.3718, 0.3149)

Conversions

Conversions Part 1

Format	Color
Hex	F3A7B4
RGB	243, 167, 180
RGB Percent	95%, 65%, 71%
CMY	0.0471, 0.3451, 0.2940
CMYK	0.00, 0.31, 0.26, 0.05
HSL	350°, 76%, 80%
HSV	350°, 31%, 95%
XYZ	59.0197, 49.9874, 49.7334
YIQ	191.2060, 41.1230, 20.1550

Conversions

Conversions Part 2

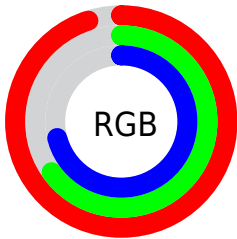
Format	Color
R _Y B	243, 167, 180
Decimal	15968180
CIE Lab	76.06, 29.75, 4.70
CIE LCh	76, 30.122, 8.979
Yxy	49.9874, 0.3718, 0.3149
Android (android.graphics.Color)	4294158260 (0xFFFF3A7B4)
YUV	191.2060, -5.5246, 45.4233
Hunter-Lab	70.7018, 25.2784, 7.7851

Details

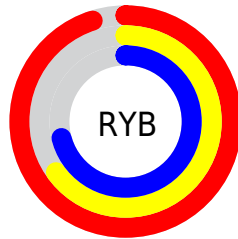
The Yxy color **49.9874, 0.3718, 0.3149** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **78.0250, 0.2744, 0.3439**, and the grayscale version is **52.2430, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.0915, 0.3267, 0.3162**, and **23.8812, 0.3885, 0.3107** is the 20% darker color. If you saturate the color by 10%, you get **41.1450, 0.4003, 0.3104**, and if you desaturate by 10%, it is **60.6264, 0.3485, 0.3196**.

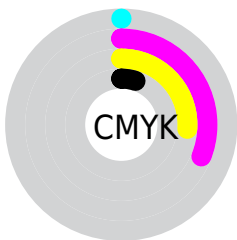
Distribution



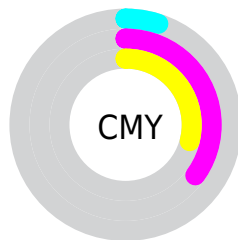
- Red (95%)
- Green (65%)
- Blue (71%)



- Red (95%)
- Yellow (65%)
- Blue (71%)



- Cyan (0%)
- Magenta (31%)
- Yellow (26%)
- Black (5%)



- Cyan (5%)
- Magenta (35%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.9874, 0.3718, 0.3149 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 49.9874, 0.3718, 0.3149 by changing the saturation by 10% instead.


 49.9874, 0.3718,
0.3149

 49.9874, 0.3718,
0.3149


386.6167, 0.3424,
0.3222

 35.4034, 0.3791,
0.3130


 90.1562, 0.3612,
0.3176

 23.9738, 0.3883,
0.3105


 116.5098, 0.3572,
0.3186

 15.3142, 0.4006,
0.3072


147.5554, 0.3538,
0.3195

 9.0402, 0.4175,
0.3024

183.6773, 0.3509,
0.3202

 4.7674, 0.4423,
0.2950

225.2600, 0.3484,
0.3208

 2.1114, 0.4819,
0.2825

272.6879, 0.3461,

 0.6710, 0.5796,

0.3213

0.2629

326.3453, 0.3442,
0.3218

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

49.9874, 0.3718,
0.3149

49.9874, 0.3718,
0.3149

41.1450, 0.4003,
0.3104

60.6264, 0.3485,
0.3196

33.9930, 0.4345,
0.3064

73.1462, 0.3296,
0.3242

28.4252, 0.4739,
0.3038

87.6344, 0.3144,
0.3285

24.3203, 0.5166,
0.3033

97.7936, 0.3054,
0.3290

■ 21.5392, 0.5586,
0.3058

■ 19.9157, 0.5946,
0.3114

■ 19.2182, 0.6178,
0.3177

Harmonies

Analogous

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



49.9874, 0.3341, 0.2862



49.9874, 0.3718, 0.3149



49.9874, 0.3930, 0.3481

Triad

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



49.9874, 0.3718, 0.3149



49.9874, 0.3289, 0.4008



49.9874, 0.2396, 0.2739

Complementary

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



49.9874, 0.3718, 0.3149



78.0250, 0.2744, 0.3439

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.



49.9874, 0.2386, 0.3013



49.9874, 0.3718, 0.3149



49.9874, 0.2884, 0.3783

Square

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



49.9874, 0.3718, 0.3149



49.9874, 0.3667, 0.3998



49.9874, 0.2558, 0.3400



49.9874, 0.2586, 0.2626

Rectangle

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



49.9874, 0.3718, 0.3149



49.9874, 0.3941, 0.3696



49.9874, 0.2558, 0.3400



49.9874, 0.2372, 0.2813

Sweetspot

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



49.9898, 0.3718, 0.3149



85.0566, 0.3259, 0.3252



50.7787, 0.3049, 0.2484



17.7252, 0.3283, 0.3245



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.



49.9898, 0.3718, 0.3149



48.8316, 0.3907, 0.3118



59.1354, 0.3761, 0.3554



16.5289, 0.3267, 0.3250



10.5617, 0.6147, 0.3160



0.9412, 0.5830, 0.2985

Inverse Universe

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



49.9898, 0.3718, 0.3149



48.8316, 0.3907, 0.3118



65.3139, 0.2645, 0.3008



16.5289, 0.3267, 0.3250



10.5617, 0.6147, 0.3160



0.9412, 0.5830, 0.2985

Previews

White Background



This preview shows how the Yxy color 49.9874, 0.3718, 0.3149 looks on a white background.

Color Contrast Check

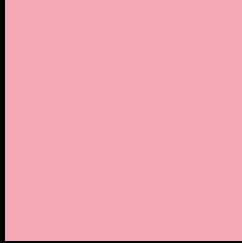
Large Text (above 18pt) WCAG AA × Fail

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 49.9874, 0.3718, 0.3149 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 49.9874, 0.3718, 0.3149

Background



This preview shows how black text looks on a background with the Yxy color 49.9874, 0.3718, 0.3149.



This preview shows how white text looks on a background with the Yxy color 49.9874, 0.3718, 0.3149.

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

49.9874, 0.3718, 0.3149

Protanopia

50.2494, 0.3121, 0.3240

Deuteranopia

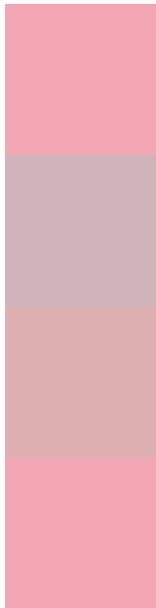
49.9237, 0.3414, 0.3339



Tritanopia

49.9874, 0.3718, 0.3149

Trichromacy



Original Color

49.9874, 0.3718, 0.3149

Protanomaly

49.7857, 0.3322, 0.3206

Deuteranomaly

49.7946, 0.3523, 0.3268

Tritanomaly

49.9874, 0.3718, 0.3149

Monochromacy



Original Color

49.9874, 0.3718, 0.3149

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

50.7454, 0.3328, 0.3231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.9874, 0.3718, 0.3149 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(243, 167, 180)` looks like.

```
.text, #text, p{  
    color:rgb(243, 167, 180)  
}
```

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(243, 167, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 167, 180) }
```

Border

The CSS property to change the border of an element to Yxy 49.9874, 0.3718, 0.3149 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(243, 167, 180) }
```

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

```
.border{ border-color:rgb(243, 167, 180) }
```

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

Here you see how a box with a 4 pixel rgb(243, 167, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 167, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 167, 180);  
box-shadow:4px 4px 4px 4px rgb(243, 167,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 49.9874, 0.3718, 0.3149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 167, 180) }
```

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

```
.background{ background-color: rgb(243,  
167, 180) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor