

Converting Colors

$Y_{xy}(49.9850, 0.3820, 0.3060)$

Have a look what the booklet for
Yxy(49.9850, 0.3820, 0.3060)
contains.

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Color

Yxy(50.1686, 0.3816, 0.3061)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFA1B7 |
| RGB | 255, 161, 183 |
| RGB Percent | 100%, 63%, 72% |
| CMY | 0.0000, 0.3687, 0.2824 |
| CMYK | 0.00, 0.37, 0.28, 0.00 |
| HSL | 346°, 100%, 82% |
| HSV | 346°, 37%, 100% |
| XYZ | 62.5428, 50.1686, 51.1848 |
| YIQ | 191.6140, 48.9620, 26.7700 |

Conversions

Conversions Part 2

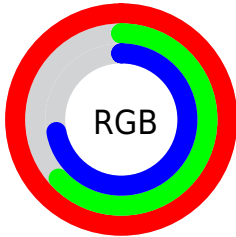
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 255, 161, 183 |
| Decimal | 16753079 |
| CIE _{Lab} | 76.17, 37.60, 3.41 |
| CIE _{LCh} | 76, 37.752, 5.181 |
| Yxy | 50.1686, 0.3816, 0.3061 |
| Android (android.graphics.Color) | 4294943159 (0xFFFFA1B7) |
| YUV | 191.6140, -4.2467, 55.5895 |
| Hunter-Lab | 70.8298, 33.6635, 6.7353 |

Details

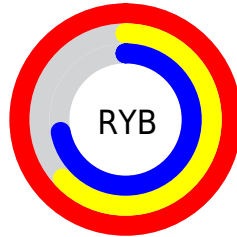
The Yxy color **50.1686, 0.3816, 0.3061** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **84.9780, 0.2713, 0.3538**, and the grayscale version is **52.4729, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.1177, 0.3252, 0.3072**, and **24.0726, 0.4005, 0.2998** is the 20% darker color. If you saturate the color by 10%, you get **41.3848, 0.4107, 0.3001**, and if you desaturate by 10%, it is **60.8718, 0.3575, 0.3125**.

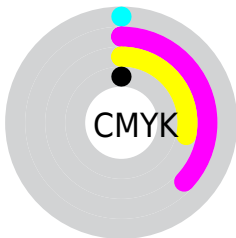
Distribution



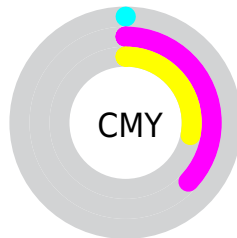
- Red (100%)
- Green (63%)
- Blue (72%)



- 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 50.1686, 0.3816, 0.3061 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 50.1686, 0.3816, 0.3061 by changing the saturation by 10% instead.


 50.1686, 0.3816,
0.3061


 50.1686, 0.3816,
0.3061


387.3249, 0.3475,
0.3177

 35.5474, 0.3900,
0.3032


 90.4246, 0.3693,
0.3104

 24.0848, 0.4007,
0.2994


 116.8282, 0.3646,
0.3119

 15.3966, 0.4148,
0.2943


147.9281, 0.3607,
0.3133

 9.0982, 0.4342,
0.2873

184.1086, 0.3573,
0.3144

 4.8053, 0.4623,
0.2767

225.7541, 0.3544,
0.3154

 2.1335, 0.5067,
0.2596

273.2491, 0.3518,

 0.6833, 0.6016,

0.3163

0.2289

326.9779, 0.3495,
0.3170

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.1686, 0.3816,
0.3061

50.1686, 0.3816,
0.3061

41.3848, 0.4107,
0.3001

60.8718, 0.3575,
0.3125

34.4204, 0.4449,
0.2954

73.6165, 0.3378,
0.3189

29.1418, 0.4833,
0.2927

88.4956, 0.3219,
0.3250

25.4038, 0.5237,
0.2934

100.0000, 0.3127,
0.3290

■ 23.0363, 0.5620,
0.2980

■ 21.8246, 0.5938,
0.3064

■ 21.5831, 0.6023,
0.3091

Harmonies

Analogous

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



50.1686, 0.3323, 0.2728



50.1686, 0.3816, 0.3061



50.1686, 0.4117, 0.3461

Triad

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



50.1686, 0.3816, 0.3061



50.1686, 0.3384, 0.4215



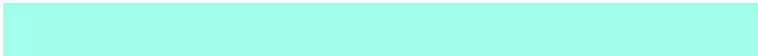
50.1686, 0.2215, 0.2634

Complementary

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



50.1686, 0.3816, 0.3061



84.9780, 0.2713, 0.3538

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.



50.1686, 0.2229, 0.2989



50.1686, 0.3816, 0.3061



50.1686, 0.2878, 0.3969

Square

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



50.1686, 0.3816, 0.3061



50.1686, 0.3842, 0.4148



50.1686, 0.2461, 0.3489



50.1686, 0.2417, 0.2479

Rectangle

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



50.1686, 0.3816, 0.3061



50.1686, 0.4153, 0.3729



50.1686, 0.2461, 0.3489



50.1686, 0.2195, 0.2731

Sweetspot

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



50.1633, 0.3816, 0.3061



82.0836, 0.3280, 0.3225



49.7762, 0.2979, 0.2320



17.1364, 0.3302, 0.3217



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.



50.1633, 0.3816, 0.3061



43.7121, 0.4018, 0.3018



58.3171, 0.3939, 0.3539



18.0568, 0.3257, 0.3235



11.2966, 0.5984, 0.3070



1.1159, 0.5673, 0.2899

Inverse Universe

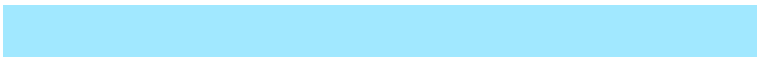
The Inverse Universe completely reimagines the original color for something new.



50.1633, 0.3816, 0.3061



43.7121, 0.4018, 0.3018



72.2256, 0.2572, 0.3022



18.0568, 0.3257, 0.3235



11.2966, 0.5984, 0.3070



1.1159, 0.5673, 0.2899

Previews

White Background



This preview shows how the Yxy color 50.1686, 0.3816, 0.3061 looks on a white background.

Color Contrast Check

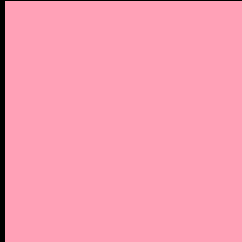
Large Text (above 18pt) WCAG AA × Fail

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 50.1686, 0.3816, 0.3061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

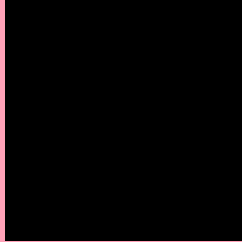
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.1686, 0.3816, 0.3061

Background



This preview shows how black text looks on a background with the Yxy color 50.1686, 0.3816, 0.3061.



This preview shows how white text looks on a background with the Yxy color 50.1686, 0.3816, 0.3061.

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

50.1686, 0.3816, 0.3061

Protanopia

50.4367, 0.3060, 0.3153

Deuteranopia

50.4122, 0.3395, 0.3327



Tritanopia

50.0066, 0.3882, 0.3155

Trichromacy



Original Color

50.1686, 0.3816, 0.3061



Protanomaly

49.8372, 0.3310, 0.3113



Deuteranomaly

49.7361, 0.3546, 0.3222



Tritanomaly

50.1258, 0.3853, 0.3123

Monochromacy



Original Color

50.1686, 0.3816, 0.3061



Achromatopsia

52.7115, 0.3127, 0.3290



Achromatomaly

51.1689, 0.3356, 0.3196

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.1686, 0.3816, 0.3061 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, 161, 183)` looks like.

```
.text, #text, p{  
    color:rgb(255, 161, 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(255, 161, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 161, 183) }
```

Border

The CSS property to change the border of an element to Yxy 50.1686, 0.3816, 0.3061 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, 161, 183) }
```

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

```
.border{ border-color:rgb(255, 161, 183) }
```

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

Here you see how a box with a 4 pixel rgb(255, 161, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 161, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 161, 183);  
box-shadow:4px 4px 4px 4px rgb(255, 161,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 50.1686, 0.3816, 0.3061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 161, 183) }
```

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

```
.background{ background-color: rgb(255,  
161, 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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