

Converting Colors

$Yxy(49.9553, 0.3838, 0.3081)$

Have a look what the booklet for
Yxy(49.9553, 0.3838, 0.3081)
contains.

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Color

Yxy(50.0859, 0.3835, 0.3082)

Conversions

Conversions Part 1

Format	Color
Hex	FFA1B5
RGB	255, 161, 181
RGB Percent	100%, 63%, 71%
CMY	0.0000, 0.3686, 0.2902
CMYK	0.00, 0.37, 0.29, 0.00
HSL	347°, 100%, 82%
HSV	347°, 37%, 100%
XYZ	62.3230, 50.0859, 50.1022
YIQ	191.3860, 49.6040, 26.1480

Conversions

Conversions Part 2

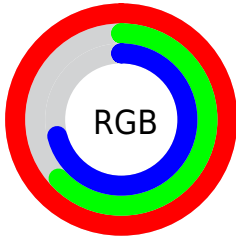
Format	Color
R_{YB}	255, 161, 181
Decimal	16753077
CIE _{Lab}	76.12, 37.31, 4.43
CIE _{LCh}	76, 37.568, 6.766
Yxy	50.0859, 0.3835, 0.3082
Android (android.graphics.Color)	4294943157 (0xFFFFA1B5)
YUV	191.3860, -5.1203, 55.7895
Hunter-Lab	70.7714, 33.3414, 7.5660

Details

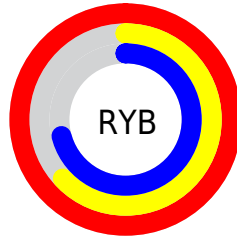
The Yxy color **50.0859, 0.3835, 0.3082** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **85.0895, 0.2703, 0.3515**, and the grayscale version is **52.3466, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.0001, 0.3266, 0.3092**, and **24.0194, 0.4033, 0.3025** is the 20% darker color. If you saturate the color by 10%, you get **41.3002, 0.4135, 0.3028**, and if you desaturate by 10%, it is **60.8122, 0.3587, 0.3140**.

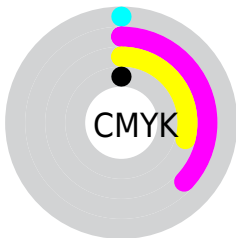
Distribution



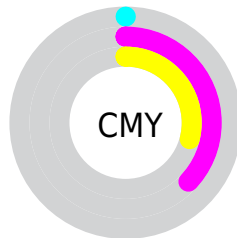
- Red (100%)
- Green (63%)
- Blue (71%)



- Red (100%)
- Yellow (63%)
- Blue (71%)



- Cyan (0%)
- Magenta (37%)
- Yellow (29%)
- Black (0%)





- Cyan (0%)
- Magenta (37%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.0859, 0.3835, 0.3082 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 50.0859, 0.3835, 0.3082 by changing the saturation by 10% instead.


 50.0859, 0.3835,
0.3082

 50.0859, 0.3835,
0.3082


387.0018, 0.3484,
0.3189

 35.4817, 0.3922,
0.3055


 90.3021, 0.3708,
0.3121

 24.0341, 0.4032,
0.3019


 116.6829, 0.3660,
0.3136

 15.3589, 0.4177,
0.2972


147.7580, 0.3620,
0.3148

 9.0717, 0.4377,
0.2905

183.9118, 0.3585,
0.3159

 4.7880, 0.4668,
0.2804

225.5287, 0.3555,
0.3168

 2.1234, 0.5127,
0.2637

272.9930, 0.3528,

 0.6777, 0.6161,

0.3176

0.2352

326.6893, 0.3505,
0.3183

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.0859, 0.3835,
0.3082

50.0859, 0.3835,
0.3082

41.3002, 0.4135,
0.3028

60.8122, 0.3587,
0.3140

34.3318, 0.4488,
0.2986

73.5784, 0.3384,
0.3198

29.0541, 0.4884,
0.2963

88.4858, 0.3221,
0.3254

25.3216, 0.5297,
0.2972

99.9981, 0.3127,
0.3290

■ 22.9634, 0.5686,
0.3018

■ 21.7644, 0.6000,
0.3098

■ 21.5268, 0.6082,
0.3124

Harmonies

Analogous

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



50.0859, 0.3350, 0.2745



50.0859, 0.3835, 0.3082



50.0859, 0.4120, 0.3482

Triad

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



50.0859, 0.3835, 0.3082



50.0859, 0.3356, 0.4206



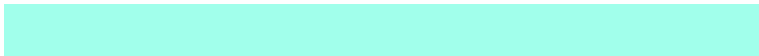
50.0859, 0.2224, 0.2623

Complementary

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



50.0859, 0.3835, 0.3082



85.0895, 0.2703, 0.3515

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.



50.0859, 0.2226, 0.2967



50.0859, 0.3835, 0.3082



50.0859, 0.2854, 0.3945

Square

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



50.0859, 0.3835, 0.3082



50.0859, 0.3819, 0.4155



50.0859, 0.2447, 0.3461



50.0859, 0.2436, 0.2480

Rectangle

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



50.0859, 0.3835, 0.3082



50.0859, 0.4146, 0.3748



50.0859, 0.2447, 0.3461



50.0859, 0.2201, 0.2716

Sweetspot

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



50.0883, 0.3835, 0.3082



82.0493, 0.3284, 0.3231



50.3120, 0.3004, 0.2328



17.1282, 0.3306, 0.3224



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.



50.0883, 0.3835, 0.3082



43.6229, 0.4044, 0.3043



59.6439, 0.3927, 0.3571



18.0503, 0.3261, 0.3240



11.2668, 0.6045, 0.3104



1.1122, 0.5742, 0.2937

Inverse Universe

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



50.0883, 0.3835, 0.3082



43.6229, 0.4044, 0.3043



70.4841, 0.2567, 0.2986



18.0503, 0.3261, 0.3240



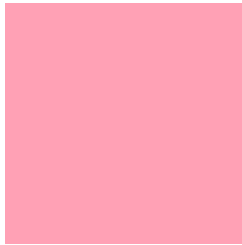
11.2668, 0.6045, 0.3104



1.1122, 0.5742, 0.2937

Previews

White Background



This preview shows how the Yxy color 50.0859, 0.3835, 0.3082 looks on a white background.

Color Contrast Check

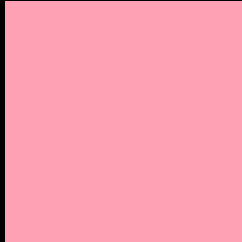
Large Text (above 18pt) WCAG AA × Fail

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 50.0859, 0.3835, 0.3082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

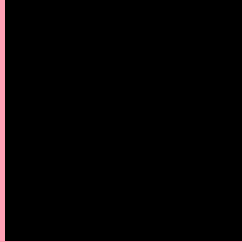
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.0859, 0.3835, 0.3082

Background



This preview shows how black text looks on a background with the Yxy color 50.0859, 0.3835, 0.3082.



This preview shows how white text looks on a background with the Yxy color 50.0859, 0.3835, 0.3082.

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

50.0859, 0.3835, 0.3082

Protanopia

50.3450, 0.3075, 0.3178

Deuteranopia

50.3319, 0.3412, 0.3351



Tritanopia

49.9675, 0.3892, 0.3165

Trichromacy



Original Color

50.0859, 0.3835, 0.3082



Protanomaly

49.7485, 0.3326, 0.3136



Deuteranomaly

49.6552, 0.3564, 0.3245



Tritanomaly

50.0858, 0.3862, 0.3134

Monochromacy



Original Color

50.0859, 0.3835, 0.3082



Achromatopsia

52.0996, 0.3127, 0.3290



Achromatomaly

50.5265, 0.3366, 0.3208

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.0859, 0.3835, 0.3082 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, 181)` looks like.

```
.text, #text, p{  
    color:rgb(255, 161, 181)  
}
```

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, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 161, 181) }
```

Border

The CSS property to change the border of an element to Yxy 50.0859, 0.3835, 0.3082 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, 181) }
```

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

```
.border{ border-color:rgb(255, 161, 181) }
```

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, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 161, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 161, 181);  
box-shadow:4px 4px 4px 4px rgb(255, 161,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 50.0859, 0.3835, 0.3082 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, 181) }
```

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

```
.background{ background-color: rgb(255,  
161, 181) }
```

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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