

Converting Colors

$Y_{xy}(50.8590, 0.3829, 0.3106)$

Have a look what the booklet for
Yxy(50.8590, 0.3829, 0.3106)
contains.

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Color

Yxy(50.7906, 0.3829, 0.3103)

Conversions

Conversions Part 1

Format	Color
Hex	FFA3B5
RGB	255, 163, 181
RGB Percent	100%, 64%, 71%
CMY	0.0001, 0.3607, 0.2902
CMYK	0.00, 0.36, 0.29, 0.00
HSL	348°, 100%, 82%
HSV	348°, 36%, 100%
XYZ	62.6739, 50.7906, 50.2177
YIQ	192.5600, 49.0540, 25.1020

Conversions

Conversions Part 2

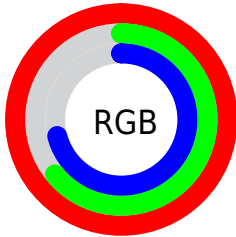
Format	Color
R _Y B	255, 163, 181
Decimal	16753589
CIE Lab	76.55, 36.27, 5.05
CIE LCh	77, 36.616, 7.925
Yxy	50.7906, 0.3829, 0.3103
Android (android.graphics.Color)	4294943669 (0xFFFFA3B5)
YUV	192.5600, -5.6991, 54.7599
Hunter-Lab	71.2675, 32.2579, 8.1094

Details

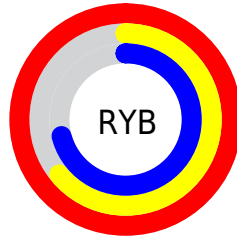
The Yxy color **50.7906, 0.3829, 0.3103** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **85.4131, 0.2703, 0.3491**, and the grayscale version is **53.0711, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.0375, 0.3264, 0.3112**, and **24.4461, 0.4023, 0.3051** is the 20% darker color. If you saturate the color by 10%, you get **41.8509, 0.4132, 0.3053**, and if you desaturate by 10%, it is **61.6845, 0.3579, 0.3157**.

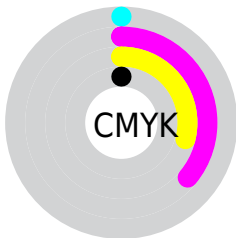
Distribution



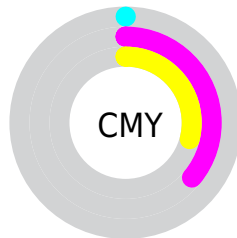
- Red (100%)
- Green (64%)
- Blue (71%)



- Red (100%)
- Yellow (64%)
- Blue (71%)



- Cyan (0%)
- Magenta (36%)
- Yellow (29%)
- Black (0%)





- Cyan (0%)
- Magenta (36%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.7906, 0.3829, 0.3103 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 50.7906, 0.3829, 0.3103 by changing the saturation by 10% instead.


 50.7906, 0.3829,
0.3103


 50.7906, 0.3829,
0.3103


389.7497, 0.3481,
0.3200

 36.0420, 0.3914,
0.3078


 91.3452, 0.3704,
0.3139

 24.4666, 0.4023,
0.3046


 117.9199, 0.3656,
0.3152

 15.6801, 0.4167,
0.3002


149.2055, 0.3616,
0.3163

 9.2981, 0.4364,
0.2941

185.5863, 0.3582,
0.3173

 4.9361, 0.4650,
0.2847

227.4467, 0.3552,
0.3181

 2.2098, 0.5099,
0.2692

275.1712, 0.3525,

 0.7253, 0.6087,

0.3188

0.2442

329.1440, 0.3502,
0.3194

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.7906, 0.3829,
0.3103

50.7906, 0.3829,
0.3103

41.8509, 0.4132,
0.3053

61.6845, 0.3579,
0.3157

34.7423, 0.4490,
0.3014

74.6314, 0.3375,
0.3210

29.3392, 0.4892,
0.2993

89.7324, 0.3211,
0.3261

25.4970, 0.5313,
0.3000

99.9973, 0.3127,
0.3290

■ 23.0468, 0.5709,
0.3042

■ 21.7797, 0.6027,
0.3117

■ 21.4865, 0.6126,
0.3149

Harmonies

Analogous

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



50.7906, 0.3364, 0.2770



50.7906, 0.3829, 0.3103



50.7906, 0.4095, 0.3494

Triad

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



50.7906, 0.3829, 0.3103



50.7906, 0.3332, 0.4172



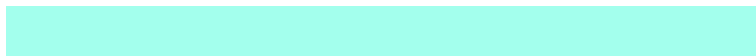
50.7906, 0.2253, 0.2634

Complementary

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



50.7906, 0.3829, 0.3103



85.4131, 0.2703, 0.3491

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.



50.7906, 0.2247, 0.2962



50.7906, 0.3829, 0.3103



50.7906, 0.2845, 0.3908

Square

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



50.7906, 0.3829, 0.3103



50.7906, 0.3785, 0.4137



50.7906, 0.2454, 0.3437



50.7906, 0.2468, 0.2500

Rectangle

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



50.7906, 0.3829, 0.3103



50.7906, 0.4113, 0.3752



50.7906, 0.2454, 0.3437



50.7906, 0.2227, 0.2722

Sweetspot

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



50.7930, 0.3829, 0.3103



82.0219, 0.3287, 0.3236



51.3528, 0.3020, 0.2352



17.1217, 0.3310, 0.3229



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.



50.7930, 0.3829, 0.3103



44.4005, 0.4033, 0.3068



60.9920, 0.3898, 0.3581



18.0451, 0.3263, 0.3244



11.2450, 0.6091, 0.3129



1.1093, 0.5796, 0.2966

Inverse Universe

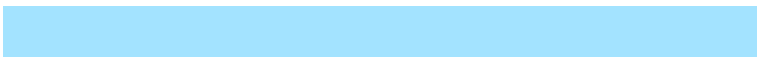
The Inverse Universe completely reimagines the original color for something new.



50.7930, 0.3829, 0.3103



44.4005, 0.4033, 0.3068



70.1612, 0.2575, 0.2975



18.0451, 0.3263, 0.3244



11.2450, 0.6091, 0.3129



1.1093, 0.5796, 0.2966

Previews

White Background



This preview shows how the Yxy color 50.7906, 0.3829, 0.3103 looks on a white background.

Color Contrast Check

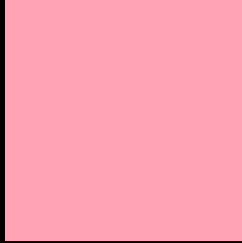
Large Text (above 18pt) WCAG AA × Fail

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 50.7906, 0.3829, 0.3103 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 50.7906, 0.3829, 0.3103

Background



This preview shows how black text looks on a background with the Yxy color 50.7906, 0.3829, 0.3103.



This preview shows how white text looks on a background with the Yxy color 50.7906, 0.3829, 0.3103.

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

50.7906, 0.3829, 0.3103

Protanopia

50.9829, 0.3098, 0.3203

Deuteranopia

51.0383, 0.3428, 0.3363



Tritanopia

50.9455, 0.3875, 0.3166

Trichromacy



Original Color

50.7906, 0.3829, 0.3103



Protanomaly

50.2540, 0.3342, 0.3160



Deuteranomaly

50.7590, 0.3577, 0.3268



Tritanomaly

51.0253, 0.3855, 0.3145

Monochromacy



Original Color

50.7906, 0.3829, 0.3103



Achromatopsia

53.3276, 0.3127, 0.3290



Achromatomaly

51.7289, 0.3364, 0.3208

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.7906, 0.3829, 0.3103 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, 163, 181)` looks like.

```
.text, #text, p{  
    color:rgb(255, 163, 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, 163, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 163, 181) }
```

Border

The CSS property to change the border of an element to Yxy 50.7906, 0.3829, 0.3103 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, 163, 181) }
```

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

```
.border{ border-color:rgb(255, 163, 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, 163, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 163, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 163, 181);  
box-shadow:4px 4px 4px 4px rgb(255, 163,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 50.7906, 0.3829, 0.3103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 163, 181) }
```

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

```
.background{ background-color: rgb(255,  
163, 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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