

Converting Colors

Yxy(50.9712, 0.3868, 0.3159)

Have a look what the booklet for
Yxy(50.9712, 0.3868, 0.3159)
contains.

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Color

Yxy(50.9852, 0.3865, 0.3155)

Conversions

Conversions Part 1

Format	Color
Hex	FFA4B1
RGB	255, 164, 177
RGB Percent	100%, 64%, 69%
CMY	0.0000, 0.3569, 0.3058
CMYK	0.00, 0.36, 0.31, 0.00
HSL	351°, 100%, 82%
HSV	351°, 36%, 100%
XYZ	62.4589, 50.9852, 48.1572
YIQ	192.6910, 50.0630, 23.3350

Conversions

Conversions Part 2

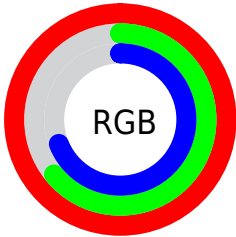
Format	Color
R_{YB}	255, 164, 177
Decimal	16753841
CIE _{Lab}	76.67, 35.26, 7.40
CIE _{LCh}	77, 36.026, 11.845
Yxy	50.9852, 0.3865, 0.3155
Android (android.graphics.Color)	4294943921 (0xFFFFA4B1)
YUV	192.6910, -7.7357, 54.6450
Hunter-Lab	71.4039, 31.1818, 9.9956

Details

The Yxy color **50.9852, 0.3865, 0.3155** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **85.8205, 0.2684, 0.3434**, and the grayscale version is **53.1600, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.3296, 0.3291, 0.3161**, and **24.5853, 0.4060, 0.3105** is the 20% darker color. If you saturate the color by 10%, you get **41.9512, 0.4188, 0.3119**, and if you desaturate by 10%, it is **61.9852, 0.3599, 0.3194**.

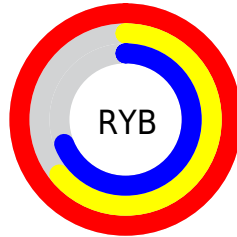
Distribution



Red (100%)

Green (64%)

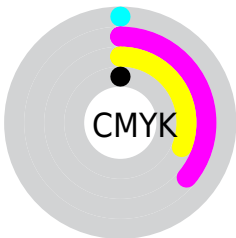
Blue (69%)



Red (100%)

Yellow (64%)

Blue (69%)

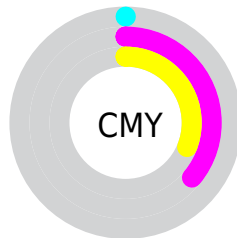


Cyan (0%)

Magenta (36%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.9852, 0.3865, 0.3155 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 50.9852, 0.3865, 0.3155 by changing the saturation by 10% instead.

 50.9852, 0.3865,
0.3155


 50.9852, 0.3865,
0.3155


390.5063, 0.3499,
0.3228

 36.1968, 0.3955,
0.3135


 91.6329, 0.3733,
0.3183

 24.5862, 0.4070,
0.3109


 118.2610, 0.3683,
0.3193

 15.7691, 0.4221,
0.3074


149.6045, 0.3641,
0.3201

 9.3609, 0.4429,
0.3022

186.0477, 0.3604,
0.3208

 4.9773, 0.4730,
0.2940

227.9752, 0.3573,
0.3214

 2.2340, 0.5202,
0.2800

275.7711, 0.3545,

 0.7384, 0.6355,

0.3219

0.2625

329.8200, 0.3521,
0.3224

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.9852, 0.3865,
0.3155

50.9852, 0.3865,
0.3155

41.9512, 0.4188,
0.3119

61.9852, 0.3599,
0.3194

34.7712, 0.4570,
0.3091

75.0629, 0.3383,
0.3233

29.3148, 0.4997,
0.3078

90.3158, 0.3210,
0.3270

25.4364, 0.5438,
0.3088

100.0000, 0.3127,
0.3290

■ 22.9665, 0.5840,
0.3125

■ 21.6959, 0.6145,
0.3186

■ 21.3906, 0.6241,
0.3212

Harmonies

Analogous

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



50.9852, 0.3425, 0.2816



50.9852, 0.3865, 0.3155



50.9852, 0.4092, 0.3542

Triad

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



50.9852, 0.3865, 0.3155



50.9852, 0.3266, 0.4139



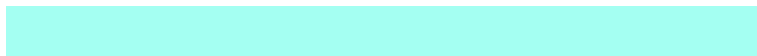
50.9852, 0.2283, 0.2616

Complementary

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



50.9852, 0.3865, 0.3155



85.8205, 0.2684, 0.3434

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.



50.9852, 0.2250, 0.2916



50.9852, 0.3865, 0.3155



50.9852, 0.2792, 0.3844

Square

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



50.9852, 0.3865, 0.3155



50.9852, 0.3723, 0.4142



50.9852, 0.2427, 0.3370



50.9852, 0.2520, 0.2510

Rectangle

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



50.9852, 0.3865, 0.3155



50.9852, 0.4084, 0.3792



50.9852, 0.2427, 0.3370



50.9852, 0.2249, 0.2695

Sweetspot

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



50.9837, 0.3865, 0.3155



81.9385, 0.3297, 0.3251



52.5306, 0.3058, 0.2372



17.1020, 0.3321, 0.3246



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.



50.9837, 0.3865, 0.3155



44.1930, 0.4095, 0.3128



63.3502, 0.3870, 0.3625



18.0294, 0.3272, 0.3256



11.1898, 0.6212, 0.3196



1.1016, 0.5948, 0.3050

Inverse Universe

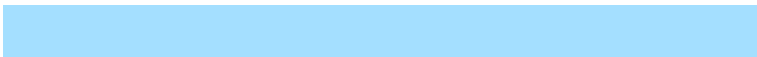
The Inverse Universe completely reimagines the original color for something new.



50.9837, 0.3865, 0.3155



44.1930, 0.4095, 0.3128



67.9659, 0.2573, 0.2925



18.0294, 0.3272, 0.3256



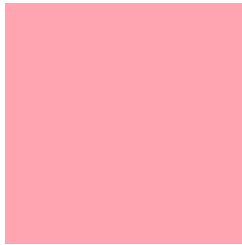
11.1898, 0.6212, 0.3196



1.1016, 0.5948, 0.3050

Previews

White Background



This preview shows how the Yxy color 50.9852, 0.3865, 0.3155 looks on a white background.

Color Contrast Check

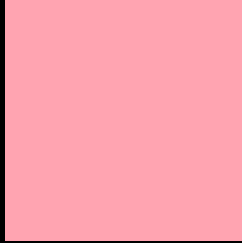
Large Text (above 18pt) WCAG AA × Fail

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 50.9852, 0.3865, 0.3155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

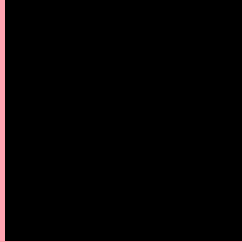
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.9852, 0.3865, 0.3155

Background



This preview shows how black text looks on a background with the Yxy color 50.9852, 0.3865, 0.3155.



This preview shows how white text looks on a background with the Yxy color 50.9852, 0.3865, 0.3155.

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

50.9852, 0.3865, 0.3155

Protanopia

51.4942, 0.3145, 0.3265

Deuteranopia

51.2191, 0.3471, 0.3399



Tritanopia

50.9455, 0.3875, 0.3166

Trichromacy



Original Color

50.9852, 0.3865, 0.3155



Protanomaly

50.7866, 0.3392, 0.3220



Deuteranomaly

50.8038, 0.3613, 0.3303



Tritanomaly

50.9455, 0.3875, 0.3166

Monochromacy



Original Color

50.9852, 0.3865, 0.3155



Achromatopsia

53.3276, 0.3127, 0.3290



Achromatomaly

51.6427, 0.3380, 0.3232

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.9852, 0.3865, 0.3155 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, 164, 177)` looks like.

```
.text, #text, p{  
    color:rgb(255, 164, 177)  
}
```

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, 164, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 164, 177) }
```

Border

The CSS property to change the border of an element to Yxy 50.9852, 0.3865, 0.3155 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, 164, 177) }
```

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

```
.border{ border-color:rgb(255, 164, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 164, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 164, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 164, 177);  
box-shadow:4px 4px 4px 4px rgb(255, 164,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 50.9852, 0.3865, 0.3155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 164, 177) }
```

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

```
.background{ background-color: rgb(255,  
164, 177) }
```

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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