

Converting Colors

$Yxy(50.8963, 0.3888, 0.3180)$

Have a look what the booklet for
Yxy(50.8963, 0.3888, 0.3180)
contains.

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Color

Yxy(50.9061, 0.3884, 0.3176)

Conversions

Conversions Part 1

Format	Color
Hex	FFA4AF
RGB	255, 164, 175
RGB Percent	100%, 64%, 69%
CMY	0.0000, 0.3568, 0.3136
CMYK	0.00, 0.36, 0.31, 0.00
HSL	353°, 100%, 82%
HSV	353°, 36%, 100%
XYZ	62.2542, 50.9061, 47.1234
YIQ	192.4630, 50.7050, 22.7130

Conversions

Conversions Part 2

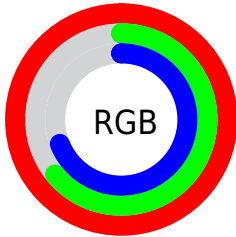
Format	Color
R _Y B	255, 164, 175
Decimal	16753839
CIE _{Lab}	76.62, 34.99, 8.41
CIE _{LCh}	77, 35.987, 13.516
Yxy	50.9061, 0.3884, 0.3176
Android (android.graphics.Color)	4294943919 (0xFFFFA4AF)
YUV	192.4630, -8.6093, 54.8449
Hunter-Lab	71.3485, 30.8879, 10.7848

Details

The Yxy color **50.9061, 0.3884, 0.3176** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **85.9367, 0.2675, 0.3411**, and the grayscale version is **53.0290, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.1596, 0.3312, 0.3191**, and **24.5347, 0.4088, 0.3132** is the 20% darker color. If you saturate the color by 10%, you get **41.8693, 0.4217, 0.3146**, and if you desaturate by 10%, it is **61.9235, 0.3611, 0.3209**.

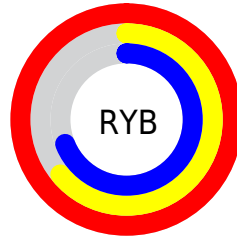
Distribution



Red (100%)

Green (64%)

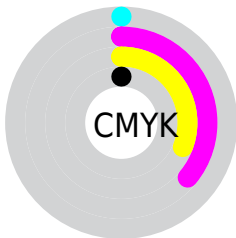
Blue (69%)



Red (100%)

Yellow (64%)

Blue (69%)

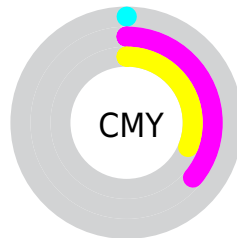


Cyan (0%)

Magenta (36%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.9061, 0.3884, 0.3176 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 50.9061, 0.3884, 0.3176 by changing the saturation by 10% instead.


 50.9061, 0.3884,
0.3176


 50.9061, 0.3884,
0.3176


390.1989, 0.3508,
0.3240

 36.1339, 0.3977,
0.3158


 91.5160, 0.3748,
0.3200

 24.5376, 0.4095,
0.3135

 118.1224, 0.3697,
0.3209

 15.7329, 0.4250,
0.3102


149.4423, 0.3654,
0.3217

 9.3353, 0.4463,
0.3054

185.8602, 0.3616,
0.3223

 4.9606, 0.4773,
0.2976

227.7604, 0.3584,
0.3228

 2.2241, 0.5258,
0.2840

275.5273, 0.3556,

 0.7331, 0.6522,

0.3232

0.2703

329.5453, 0.3531,
0.3236

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.9061, 0.3884,
0.3176

50.9061, 0.3884,
0.3176

41.8693, 0.4217,
0.3146

61.9235, 0.3611,
0.3209

34.6884, 0.4608,
0.3123

75.0215, 0.3389,
0.3242

29.2365, 0.5046,
0.3113

90.3024, 0.3212,
0.3273

25.3673, 0.5494,
0.3124

99.9984, 0.3127,
0.3290

■ 22.9103, 0.5896,
0.3157

■ 21.6553, 0.6190,
0.3211

■ 21.3569, 0.6279,
0.3233

Harmonies

Analogous

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



50.9061, 0.3453, 0.2833



50.9061, 0.3884, 0.3176



50.9061, 0.4096, 0.3564

Triad

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



50.9061, 0.3884, 0.3176



50.9061, 0.3238, 0.4129



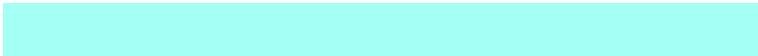
50.9061, 0.2292, 0.2606

Complementary

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



50.9061, 0.3884, 0.3176



85.9367, 0.2675, 0.3411

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.



50.9061, 0.2246, 0.2895



50.9061, 0.3884, 0.3176



50.9061, 0.2768, 0.3820

Square

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



50.9061, 0.3884, 0.3176



50.9061, 0.3700, 0.4149



50.9061, 0.2413, 0.3342



50.9061, 0.2539, 0.2510

Rectangle

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



50.9061, 0.3884, 0.3176



50.9061, 0.4077, 0.3811



50.9061, 0.2413, 0.3342



50.9061, 0.2253, 0.2681

Sweetspot

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



50.9086, 0.3884, 0.3176



81.9038, 0.3301, 0.3257



52.8026, 0.3071, 0.2376



17.0938, 0.3326, 0.3252



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.



50.9086, 0.3884, 0.3176



44.1090, 0.4121, 0.3154



64.0387, 0.3865, 0.3640



18.0229, 0.3275, 0.3261



11.1715, 0.6253, 0.3218



1.0986, 0.6012, 0.3086

Inverse Universe

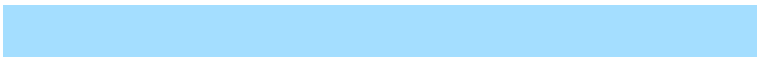
The Inverse Universe completely reimagines the original color for something new.



50.9086, 0.3884, 0.3176



44.1090, 0.4121, 0.3154



67.1591, 0.2571, 0.2908



18.0229, 0.3275, 0.3261



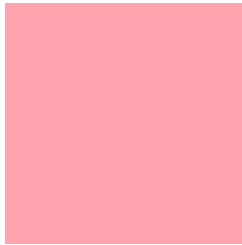
11.1715, 0.6253, 0.3218



1.0986, 0.6012, 0.3086

Previews

White Background



This preview shows how the Yxy color 50.9061, 0.3884, 0.3176 looks on a white background.

Color Contrast Check

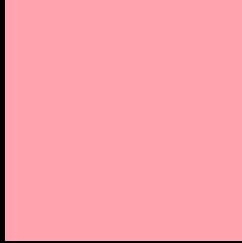
Large Text (above 18pt) WCAG AA × Fail

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 50.9061, 0.3884, 0.3176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

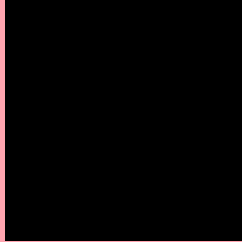
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.9061, 0.3884, 0.3176

Background



This preview shows how black text looks on a background with the Yxy color 50.9061, 0.3884, 0.3176.



This preview shows how white text looks on a background with the Yxy color 50.9061, 0.3884, 0.3176.

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

50.9061, 0.3884, 0.3176

Protanopia

51.4068, 0.3160, 0.3290

Deuteranopia

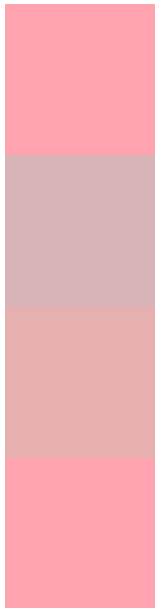
51.1417, 0.3488, 0.3423



Tritanopia

50.9455, 0.3875, 0.3166

Trichromacy



Original Color

50.9061, 0.3884, 0.3176

Protanomaly

50.7021, 0.3409, 0.3244

Deuteranomaly

50.7258, 0.3631, 0.3326

Tritanomaly

50.9455, 0.3875, 0.3166

Monochromacy



Original Color

50.9061, 0.3884, 0.3176

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

51.4481, 0.3380, 0.3243

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.9061, 0.3884, 0.3176 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, 175)` looks like.

```
.text, #text, p{  
    color:rgb(255, 164, 175)  
}
```

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, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 164, 175) }
```

Border

The CSS property to change the border of an element to Yxy 50.9061, 0.3884, 0.3176 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, 175) }
```

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

```
.border{ border-color:rgb(255, 164, 175) }
```

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, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 164, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 164, 175);  
box-shadow:4px 4px 4px 4px rgb(255, 164,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 50.9061, 0.3884, 0.3176 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, 175) }
```

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

```
.background{ background-color: rgb(255,  
164, 175) }
```

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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