

Converting Colors

$Y_{xy}(56.6813, 0.4107, 0.3187)$

Have a look what the booklet for
Yxy(56.6813, 0.4107, 0.3187)
contains.

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Color

Yxy(51.3049, 0.3871, 0.3176)

Conversions

Conversions Part 1

Format	Color
Hex	FFA5B0
RGB	255, 165, 176
RGB Percent	100%, 65%, 69%
CMY	0.0000, 0.3529, 0.3096
CMYK	0.00, 0.35, 0.31, 0.00
HSL	353°, 100%, 82%
HSV	353°, 35%, 100%
XYZ	62.5319, 51.3049, 47.7026
YIQ	193.1640, 50.1090, 22.5010

Conversions

Conversions Part 2

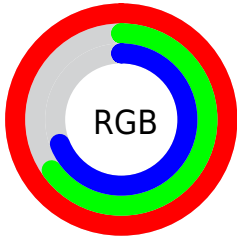
Format	Color
R_{YB}	255, 165, 176
Decimal	16754096
CIE Lab	76.86, 34.60, 8.21
CIE LCh	77, 35.556, 13.349
Yxy	51.3049, 0.3871, 0.3176
Android (android.graphics.Color)	4294944176 (0xFFFFA5B0)
YUV	193.1640, -8.4619, 54.2302
Hunter-Lab	71.6274, 30.4853, 10.6531

Details

The Yxy color **51.3049, 0.3871, 0.3176** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **86.0423, 0.2680, 0.3411**, and the grayscale version is **53.4614, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.7991, 0.3297, 0.3181**, and **24.7793, 0.4069, 0.3131** is the 20% darker color. If you saturate the color by 10%, you get **42.1931, 0.4201, 0.3145**, and if you desaturate by 10%, it is **62.4012, 0.3600, 0.3209**.

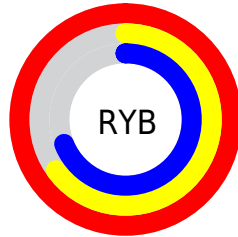
Distribution



Red (100%)

Green (65%)

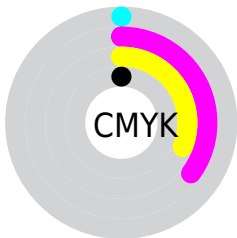
Blue (69%)



Red (100%)

Yellow (65%)

Blue (69%)

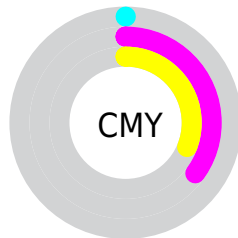


Cyan (0%)

Magenta (35%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (35%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.3049, 0.3871, 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 51.3049, 0.3871, 0.3176 by changing the saturation by 10% instead.


 51.3049, 0.3871,
0.3176


 51.3049, 0.3871,
0.3176


391.7472, 0.3502,
0.3239

 36.4513, 0.3962,
0.3159


 92.1053, 0.3738,
0.3200

 24.7830, 0.4077,
0.3135


 118.8209, 0.3688,
0.3209

 15.9154, 0.4229,
0.3103

150.2593, 0.3645,
0.3216

 9.4643, 0.4438,
0.3056

186.8049, 0.3608,
0.3222

 5.0453, 0.4740,
0.2980

228.8421, 0.3577,
0.3227

 2.2738, 0.5214,
0.2848

276.7553, 0.3549,

 0.7598, 0.6392,

0.3232

0.2706

330.9289, 0.3524,
0.3236

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.3049, 0.3871,
0.3176

51.3049, 0.3871,
0.3176

42.1931, 0.4201,
0.3145

62.4012, 0.3600,
0.3209

34.9417, 0.4590,
0.3122

75.5818, 0.3381,
0.3243

29.4242, 0.5025,
0.3111

90.9485, 0.3206,
0.3274

25.4952, 0.5473,
0.3121

99.9980, 0.3127,
0.3290

■ 22.9855, 0.5878,
0.3154

■ 21.6871, 0.6178,
0.3207

■ 21.3583, 0.6277,
0.3231

Harmonies

Analogous

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



51.3049, 0.3445, 0.2837



51.3049, 0.3871, 0.3176



51.3049, 0.4082, 0.3559

Triad

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



51.3049, 0.3871, 0.3176



51.3049, 0.3240, 0.4117



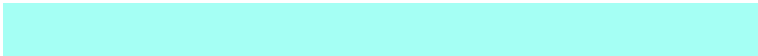
51.3049, 0.2302, 0.2617

Complementary

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



51.3049, 0.3871, 0.3176



86.0423, 0.2680, 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.



51.3049, 0.2258, 0.2903



51.3049, 0.3871, 0.3176



51.3049, 0.2776, 0.3814

Square

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



51.3049, 0.3871, 0.3176



51.3049, 0.3694, 0.4136



51.3049, 0.2424, 0.3345



51.3049, 0.2546, 0.2520

Rectangle

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



51.3049, 0.3871, 0.3176



51.3049, 0.4064, 0.3803



51.3049, 0.2424, 0.3345



51.3049, 0.2264, 0.2691

Sweetspot

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



51.3074, 0.3871, 0.3176



81.9059, 0.3301, 0.3256



53.1857, 0.3071, 0.2386



17.0943, 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.



51.3074, 0.3871, 0.3176



44.9828, 0.4085, 0.3155



64.3636, 0.3854, 0.3636



18.0233, 0.3275, 0.3261



11.1725, 0.6251, 0.3217



1.0988, 0.6008, 0.3083

Inverse Universe

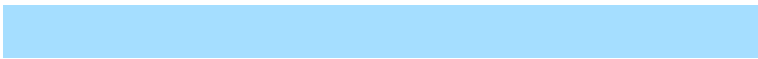
The Inverse Universe completely reimagines the original color for something new.



51.3074, 0.3871, 0.3176



44.9828, 0.4085, 0.3155



67.4600, 0.2577, 0.2913



18.0233, 0.3275, 0.3261



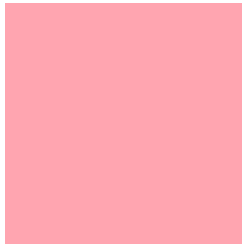
11.1725, 0.6251, 0.3217



1.0988, 0.6008, 0.3083

Previews

White Background



This preview shows how the Yxy color 51.3049, 0.3871, 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 51.3049, 0.3871, 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 51.3049, 0.3871, 0.3176

Background



This preview shows how black text looks on a background with the Yxy color 51.3049, 0.3871, 0.3176.



This preview shows how white text looks on a background with the Yxy color 51.3049, 0.3871, 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

51.3049, 0.3871, 0.3176

Protanopia

51.5386, 0.3168, 0.3290

Deuteranopia

51.3312, 0.3488, 0.3411



Tritanopia

51.3446, 0.3862, 0.3166

Trichromacy



Original Color

51.3049, 0.3871, 0.3176



Protanomaly

50.7021, 0.3409, 0.3244



Deuteranomaly

50.9297, 0.3631, 0.3314



Tritanomaly

51.3446, 0.3862, 0.3166

Monochromacy



Original Color

51.3049, 0.3871, 0.3176



Achromatopsia

53.3276, 0.3127, 0.3290



Achromatomaly

52.0538, 0.3379, 0.3244

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.3049, 0.3871, 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, 165, 176)` looks like.

```
.text, #text, p{  
    color:rgb(255, 165, 176)  
}
```

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, 165, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 165, 176) }
```

Border

The CSS property to change the border of an element to Yxy 51.3049, 0.3871, 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, 165, 176) }
```

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

```
.border{ border-color:rgb(255, 165, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 165, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 165, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 165, 176);  
box-shadow:4px 4px 4px 4px rgb(255, 165,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 51.3049, 0.3871, 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, 165, 176) }
```

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

```
.background{ background-color: rgb(255,  
165, 176) }
```

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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