

Converting Colors

Yxy(64.1389, 0.4177, 0.3239)

Have a look what the booklet for
Yxy(64.1389, 0.4177, 0.3239)
contains.

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Color

Yxy(54.8274, 0.3805, 0.3229)

Conversions

Conversions Part 1

Format	Color
Hex	FFAEB4
RGB	255, 174, 180
RGB Percent	100%, 68%, 71%
CMY	0.0001, 0.3176, 0.2941
CMYK	0.00, 0.32, 0.29, 0.00
HSL	356°, 100%, 84%
HSV	356°, 32%, 100%
XYZ	64.6077, 54.8274, 50.3617
YIQ	198.9030, 46.3500, 19.0380

Conversions

Conversions Part 2

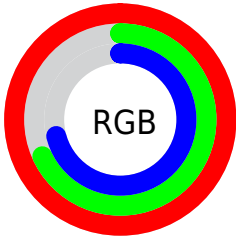
Format	Color
R _Y B	255, 174, 180
Decimal	16756404
CIE Lab	78.94, 30.40, 9.02
CIE LCh	79, 31.707, 16.530
Yxy	54.8274, 0.3805, 0.3229
Android (android.graphics.Color)	4294946484 (0xFFFFAEB4)
YUV	198.9030, -9.3192, 49.1971
Hunter-Lab	74.0455, 26.1688, 11.5060

Details

The Yxy color **54.8274, 0.3805, 0.3229** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **87.3426, 0.2700, 0.3354**, and the grayscale version is **57.0894, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.9098, 0.3261, 0.3231**, and **27.0774, 0.3997, 0.3212** is the 20% darker color. If you saturate the color by 10%, you get **45.0126, 0.4132, 0.3210**, and if you desaturate by 10%, it is **66.6812, 0.3539, 0.3249**.

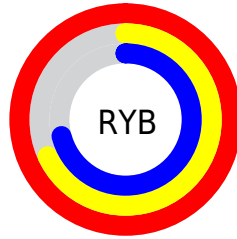
Distribution



Red (100%)

Green (68%)

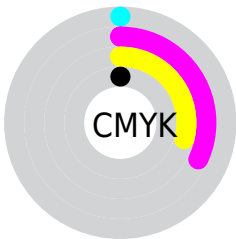
Blue (71%)



Red (100%)

Yellow (68%)

Blue (71%)

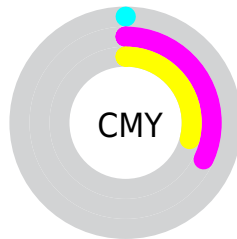


Cyan (0%)

Magenta (32%)

Yellow (29%)

Black (0%)



Cyan (0%)

Magenta (32%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.8274, 0.3805, 0.3229 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 54.8274, 0.3805, 0.3229 by changing the saturation by 10% instead.


 54.8274, 0.3805,
0.3229

 54.8274, 0.3805,
0.3229

405.2573, 0.3472,
0.3265

 39.2635, 0.3886,
0.3218


 97.2880, 0.3686,
0.3243

 26.9648, 0.3988,
0.3204


124.9536, 0.3640,
0.3248

 17.5468, 0.4122,
0.3183


157.4218, 0.3602,
0.3253

 10.6251, 0.4305,
0.3153

195.0772, 0.3569,
0.3256

 5.8153, 0.4567,
0.3103

238.3040, 0.3540,
0.3259

 2.7331, 0.4971,
0.3013

287.4867, 0.3515,

 0.9940, 0.5805,

0.3261

0.2894

343.0097, 0.3492,
0.3264

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.8274, 0.3805,
0.3229

54.8274, 0.3805,
0.3229

45.0126, 0.4132,
0.3210

66.6812, 0.3539,
0.3249

37.1145, 0.4523,
0.3195

80.6715, 0.3325,
0.3269

31.0100, 0.4967,
0.3187

96.8992, 0.3153,
0.3287

26.5585, 0.5432,
0.3191

99.9950, 0.3127,
0.3290

■ 23.5981, 0.5861,
0.3209

■ 21.9348, 0.6184,
0.3241

■ 21.3016, 0.6342,
0.3268

Harmonies

Analogous

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



54.8274, 0.3451, 0.2920



54.8274, 0.3805, 0.3229



54.8274, 0.3964, 0.3569

Triad

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



54.8274, 0.3805, 0.3229



54.8274, 0.3186, 0.3987



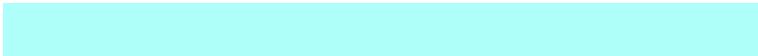
54.8274, 0.2414, 0.2683

Complementary

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



54.8274, 0.3805, 0.3229



87.3426, 0.2700, 0.3354

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.



54.8274, 0.2357, 0.2922



54.8274, 0.3805, 0.3229



54.8274, 0.2784, 0.3705

Square

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



54.8274, 0.3805, 0.3229



54.8274, 0.3589, 0.4037



54.8274, 0.2486, 0.3297



54.8274, 0.2650, 0.2611

Rectangle

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



54.8274, 0.3805, 0.3229



54.8274, 0.3934, 0.3778



54.8274, 0.2486, 0.3297



54.8274, 0.2375, 0.2745

Sweetspot

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



54.8300, 0.3805, 0.3229



83.3671, 0.3292, 0.3272



57.4957, 0.3111, 0.2485



17.3828, 0.3318, 0.3269



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.



54.8300, 0.3805, 0.3229



48.4743, 0.4002, 0.3217



69.3017, 0.3749, 0.3641



18.0089, 0.3283, 0.3273



11.1409, 0.6324, 0.3257



1.0920, 0.6156, 0.3165

Inverse Universe

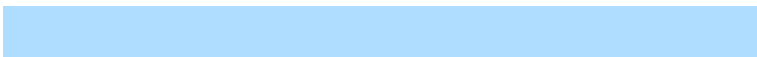
The Inverse Universe completely reimagines the original color for something new.



54.8300, 0.3805, 0.3229



48.4743, 0.4002, 0.3217



68.0602, 0.2625, 0.2909



18.0089, 0.3283, 0.3273



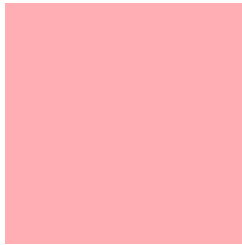
11.1409, 0.6324, 0.3257



1.0920, 0.6156, 0.3165

Previews

White Background



This preview shows how the Yxy color 54.8274, 0.3805, 0.3229 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 54.8274, 0.3805, 0.3229 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 54.8274, 0.3805, 0.3229

Background



This preview shows how black text looks on a background with the Yxy color 54.8274, 0.3805, 0.3229.



This preview shows how white text looks on a background with the Yxy color 54.8274, 0.3805, 0.3229.

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

54.8274, 0.3805, 0.3229

Protanopia

55.0712, 0.3197, 0.3339

Deuteranopia

55.0991, 0.3502, 0.3430



Tritanopia

54.6923, 0.3753, 0.3156

Trichromacy



Original Color

54.8274, 0.3805, 0.3229



Protanomaly

54.3441, 0.3407, 0.3291



Deuteranomaly

54.9878, 0.3610, 0.3359



Tritanomaly

54.6078, 0.3771, 0.3176

Monochromacy



Original Color

54.8274, 0.3805, 0.3229



Achromatopsia

57.1125, 0.3127, 0.3290



Achromatomaly

55.6928, 0.3353, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.8274, 0.3805, 0.3229 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, 174, 180)` looks like.

```
.text, #text, p{  
    color:rgb(255, 174, 180)  
}
```

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, 174, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 174, 180) }
```

Border

The CSS property to change the border of an element to Yxy 54.8274, 0.3805, 0.3229 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, 174, 180) }
```

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

```
.border{ border-color:rgb(255, 174, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 174, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 174, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 174, 180);  
box-shadow:4px 4px 4px 4px rgb(255, 174,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 54.8274, 0.3805, 0.3229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 174, 180) }
```

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

```
.background{ background-color: rgb(255,  
174, 180) }
```

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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