

Converting Colors

Yxy(54.6167, 0.3802, 0.3217)

Have a look what the booklet for
Yxy(54.6167, 0.3802, 0.3217)
contains.

Yxy(54.4833, 0.3799, 0.3208)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.4833, 0.3799, 0.3208)

Conversions

Conversions Part 1

Format	Color
Hex	FFADB5
RGB	255, 173, 181
RGB Percent	100%, 68%, 71%
CMY	0.0000, 0.3215, 0.2902
CMYK	0.00, 0.32, 0.29, 0.00
HSL	354°, 100%, 84%
HSV	354°, 32%, 100%
XYZ	64.5206, 54.4833, 50.8318
YIQ	198.4300, 46.3040, 19.8720

Conversions

Conversions Part 2

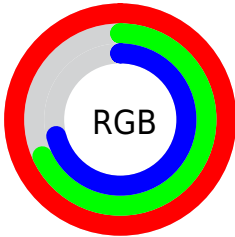
Format	Color
RYB	255, 173, 181
Decimal	16756149
CIELab	78.74, 31.06, 8.20
CIELCh	79, 32.120, 14.788
Yxy	54.4833, 0.3799, 0.3208
Android (android.graphics.Color)	4294946229 (0xFFFFADB5)
YUV	198.4300, -8.5930, 49.6119
Hunter-Lab	73.8128, 26.8564, 10.8384

Details

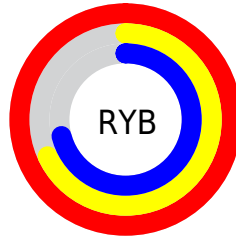
The Yxy color **54.4833, 0.3799, 0.3208** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **87.1131, 0.2704, 0.3376**, and the grayscale version is **56.7810, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.4130, 0.3255, 0.3212**, and **26.8618, 0.3989, 0.3185** is the 20% darker color. If you saturate the color by 10%, you get **44.7535, 0.4119, 0.3183**, and if you desaturate by 10%, it is **66.2404, 0.3538, 0.3235**.

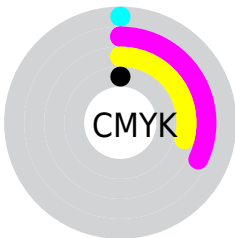
Distribution



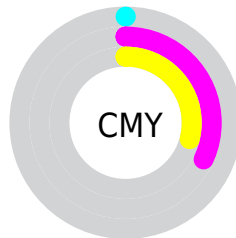
- Red (100%)
- Green (68%)
- Blue (71%)



- 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 54.4833, 0.3799, 0.3208 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 54.4833, 0.3799, 0.3208 by changing the saturation by 10% instead.


 54.4833, 0.3799,
0.3208

 54.4833, 0.3799,
0.3208

403.9503, 0.3469,
0.3254

 38.9882, 0.3879,
0.3195


 96.7835, 0.3681,
0.3226

 26.7505, 0.3981,
0.3178


124.3574, 0.3636,
0.3232

 17.3860, 0.4114,
0.3154


156.7263, 0.3598,
0.3237

 10.5101, 0.4296,
0.3119

194.2746, 0.3565,
0.3242

 5.7384, 0.4556,
0.3063

237.3868, 0.3536,
0.3246

 2.6867, 0.4960,
0.2965

286.4472, 0.3511,

 0.9704, 0.5778,

0.3249

0.2824

341.8403, 0.3489,
0.3252

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.4833, 0.3799,
0.3208

54.4833, 0.3799,
0.3208

44.7535, 0.4119,
0.3183

66.2404, 0.3538,
0.3235

36.9290, 0.4502,
0.3163

80.1221, 0.3327,
0.3261

30.8869, 0.4937,
0.3152

96.2289, 0.3159,
0.3285

26.4867, 0.5395,
0.3155

99.9977, 0.3127,
0.3290

■ 23.5668, 0.5822,
0.3178

■ 21.9325, 0.6151,
0.3218

■ 21.3272, 0.6314,
0.3252

Harmonies

Analogous

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



54.4833, 0.3431, 0.2899



54.4833, 0.3799, 0.3208



54.4833, 0.3974, 0.3553

Triad

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



54.4833, 0.3799, 0.3208



54.4833, 0.3211, 0.4009



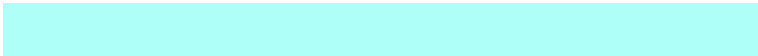
54.4833, 0.2396, 0.2683

Complementary

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



54.4833, 0.3799, 0.3208



87.1131, 0.2704, 0.3376

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.



54.4833, 0.2348, 0.2935



54.4833, 0.3799, 0.3208



54.4833, 0.2800, 0.3733

Square

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



54.4833, 0.3799, 0.3208



54.4833, 0.3617, 0.4044



54.4833, 0.2490, 0.3321



54.4833, 0.2624, 0.2601

Rectangle

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



54.4833, 0.3799, 0.3208



54.4833, 0.3953, 0.3768



54.4833, 0.2490, 0.3321



54.4833, 0.2359, 0.2749

Sweetspot

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



54.4859, 0.3799, 0.3208



83.4011, 0.3288, 0.3266



56.8472, 0.3100, 0.2472



17.3909, 0.3313, 0.3262



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.



54.4859, 0.3799, 0.3208



47.6116, 0.4012, 0.3191



68.3229, 0.3764, 0.3632



18.0158, 0.3279, 0.3267



11.1546, 0.6292, 0.3240



1.0952, 0.6084, 0.3125

Inverse Universe

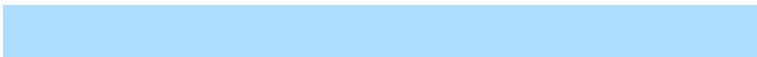
The Inverse Universe completely reimagines the original color for something new.



54.4859, 0.3799, 0.3208



47.6116, 0.4012, 0.3191



68.4525, 0.2621, 0.2919



18.0158, 0.3279, 0.3267



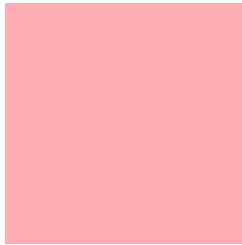
11.1546, 0.6292, 0.3240



1.0952, 0.6084, 0.3125

Previews

White Background



This preview shows how the Yxy color 54.4833, 0.3799, 0.3208 looks on a white background.

Color Contrast Check

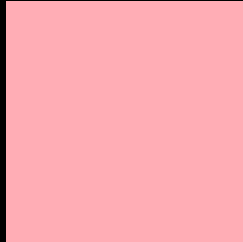
Large Text (above 18pt) WCAG AA × Fail

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 54.4833, 0.3799, 0.3208 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 54.4833, 0.3799, 0.3208

Background



This preview shows how black text looks on a background with the Yxy color 54.4833, 0.3799, 0.3208.



This preview shows how white text looks on a background with the Yxy color 54.4833, 0.3799, 0.3208.

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

54.4833, 0.3799, 0.3208

Protanopia

54.5759, 0.3175, 0.3302

Deuteranopia

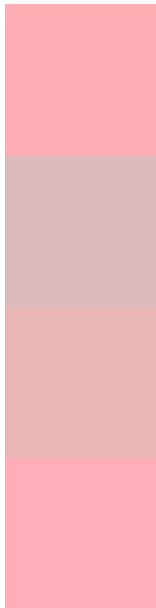
54.3964, 0.3479, 0.3408



Tritanopia

54.6499, 0.3762, 0.3166

Trichromacy



Original Color

54.4833, 0.3799, 0.3208

Protanomaly

53.8520, 0.3383, 0.3256

Deuteranomaly

54.4453, 0.3596, 0.3336

Tritanomaly

54.6078, 0.3771, 0.3176

Monochromacy



Original Color

54.4833, 0.3799, 0.3208

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.2610, 0.3354, 0.3256

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.4833, 0.3799, 0.3208 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, 173, 181)` looks like.

```
.text, #text, p{  
    color:rgb(255, 173, 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, 173, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 173, 181) }
```

Border

The CSS property to change the border of an element to Yxy 54.4833, 0.3799, 0.3208 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, 173, 181) }
```

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

```
.border{ border-color:rgb(255, 173, 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, 173, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 173, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 173, 181);  
box-shadow:4px 4px 4px 4px rgb(255, 173,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 54.4833, 0.3799, 0.3208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 173, 181) }
```

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

```
.background{ background-color: rgb(255,  
173, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor