

Converting Colors

$Y_{xy}(58.5894, 0.3962, 0.3218)$

Have a look what the booklet for
Yxy(58.5894, 0.3962, 0.3218)
contains.

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Color

Yxy(54.8683, 0.3796, 0.3218)

Conversions

Conversions Part 1

Format	Color
Hex	FFAEB5
RGB	255, 174, 181
RGB Percent	100%, 68%, 71%
CMY	0.0000, 0.3177, 0.2901
CMYK	0.00, 0.32, 0.29, 0.00
HSL	355°, 100%, 84%
HSV	355°, 32%, 100%
XYZ	64.7235, 54.8683, 50.9126
YIQ	199.0170, 46.0290, 19.3490

Conversions

Conversions Part 2

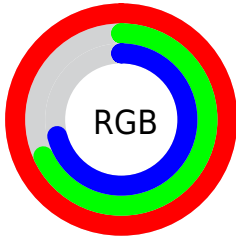
Format	Color
R _Y B	255, 174, 181
Decimal	16756405
CIE Lab	78.97, 30.56, 8.50
CIE LCh	79, 31.717, 15.545
Yxy	54.8683, 0.3796, 0.3218
Android (android.graphics.Color)	4294946485 (0xFFFFAEB5)
YUV	199.0170, -8.8824, 49.0971
Hunter-Lab	74.0731, 26.3413, 11.0995

Details

The Yxy color **54.8683, 0.3796, 0.3218** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **87.2931, 0.2705, 0.3366**, and the grayscale version is **57.1581, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.9681, 0.3254, 0.3222**, and **27.1036, 0.3984, 0.3199** is the 20% darker color. If you saturate the color by 10%, you get **45.0555, 0.4118, 0.3196**, and if you desaturate by 10%, it is **66.7101, 0.3533, 0.3242**.

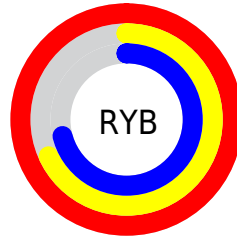
Distribution



Red (100%)

Green (68%)

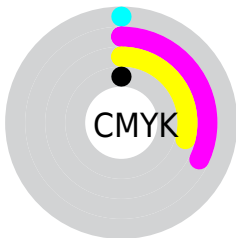
Blue (71%)



Red (100%)

Yellow (68%)

Blue (71%)

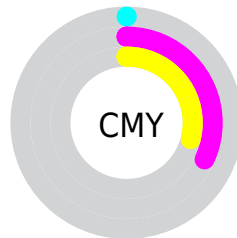


Cyan (0%)

Magenta (32%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (32%)


Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.8683, 0.3796, 0.3218 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 54.8683, 0.3796, 0.3218 by changing the saturation by 10% instead.


 54.8683, 0.3796,
0.3218

 54.8683, 0.3796,
0.3218


405.4125, 0.3468,
0.3259

 39.2963, 0.3876,
0.3206


 97.3480, 0.3678,
0.3234

 26.9903, 0.3977,
0.3191


125.0244, 0.3634,
0.3240

 17.5659, 0.4109,
0.3168


157.5045, 0.3596,
0.3245

 10.6388, 0.4289,
0.3136

195.1725, 0.3563,
0.3249

 5.8245, 0.4547,
0.3083

238.4129, 0.3535,
0.3252

 2.7387, 0.4946,
0.2991

287.6101, 0.3510,

 0.9969, 0.5748,

0.3255

0.2857

343.1485, 0.3488,
0.3257

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.8683, 0.3796,
0.3218

54.8683, 0.3796,
0.3218

45.0555, 0.4118,
0.3196

66.7101, 0.3533,
0.3242

37.1590, 0.4503,
0.3178

80.6873, 0.3322,
0.3265

31.0529, 0.4942,
0.3168

96.8974, 0.3153,
0.3286

26.5970, 0.5403,
0.3171

100.0000, 0.3127,
0.3290

■ 23.6301, 0.5832,
0.3192

■ 21.9585, 0.6161,
0.3228

■ 21.3185, 0.6328,
0.3259

Harmonies

Analogous

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



54.8683, 0.3437, 0.2911



54.8683, 0.3796, 0.3218



54.8683, 0.3963, 0.3558

Triad

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



54.8683, 0.3796, 0.3218



54.8683, 0.3200, 0.3993



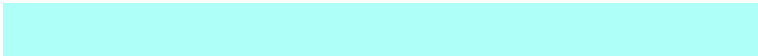
54.8683, 0.2410, 0.2688

Complementary

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



54.8683, 0.3796, 0.3218



87.2931, 0.2705, 0.3366

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.



54.8683, 0.2358, 0.2933



54.8683, 0.3796, 0.3218



54.8683, 0.2796, 0.3717

Square

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



54.8683, 0.3796, 0.3218



54.8683, 0.3601, 0.4035



54.8683, 0.2493, 0.3311



54.8683, 0.2639, 0.2611

Rectangle

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



54.8683, 0.3796, 0.3218



54.8683, 0.3938, 0.3769



54.8683, 0.2493, 0.3311



54.8683, 0.2372, 0.2752

Sweetspot

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



54.8679, 0.3796, 0.3218



83.3858, 0.3290, 0.3269



57.2462, 0.3100, 0.2482



17.3873, 0.3316, 0.3265



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.



54.8679, 0.3796, 0.3218



48.5201, 0.3989, 0.3204



68.6499, 0.3754, 0.3628



18.0127, 0.3281, 0.3270



11.1481, 0.6307, 0.3248



1.0938, 0.6116, 0.3143

Inverse Universe

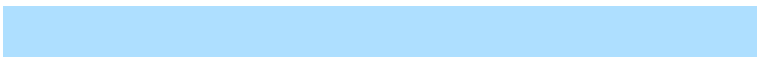
The Inverse Universe completely reimagines the original color for something new.



54.8679, 0.3796, 0.3218



48.5201, 0.3989, 0.3204



68.7790, 0.2627, 0.2924



18.0127, 0.3281, 0.3270



11.1481, 0.6307, 0.3248



1.0938, 0.6116, 0.3143

Previews

White Background



This preview shows how the Yxy color 54.8683, 0.3796, 0.3218 looks on a white background.

Color Contrast Check

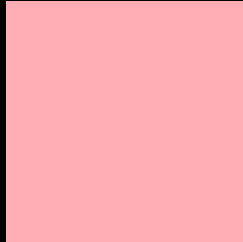
Large Text (above 18pt) WCAG AA × Fail

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 54.8683, 0.3796, 0.3218 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 54.8683, 0.3796, 0.3218

Background



This preview shows how black text looks on a background with the Yxy color 54.8683, 0.3796, 0.3218.



This preview shows how white text looks on a background with the Yxy color 54.8683, 0.3796, 0.3218.

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

54.8683, 0.3796, 0.3218

Protanopia

55.1598, 0.3182, 0.3314

Deuteranopia

54.9817, 0.3486, 0.3419



Tritanopia

54.6923, 0.3753, 0.3156

Trichromacy



Original Color

54.8683, 0.3796, 0.3218



Protanomaly

54.4304, 0.3390, 0.3268



Deuteranomaly

54.8593, 0.3593, 0.3348



Tritanomaly

54.6078, 0.3771, 0.3176

Monochromacy



Original Color

54.8683, 0.3796, 0.3218



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 54.8683, 0.3796, 0.3218 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, 181)` looks like.

```
.text, #text, p{  
    color:rgb(255, 174, 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, 174, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 174, 181) }
```

Border

The CSS property to change the border of an element to Yxy 54.8683, 0.3796, 0.3218 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, 181) }
```

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

```
.border{ border-color:rgb(255, 174, 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, 174, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 174, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 174, 181);  
box-shadow:4px 4px 4px 4px rgb(255, 174,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 54.8683, 0.3796, 0.3218 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, 181) }
```

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

```
.background{ background-color: rgb(255,  
174, 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](#).

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