

Converting Colors

$Y_{xy}(54.8925, 0.3828, 0.3278)$

Have a look what the booklet for
Yxy(54.8925, 0.3828, 0.3278)
contains.

Yxy(54.8654, 0.3830, 0.3282)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.8654, 0.3830, 0.3282)

Conversions

Conversions Part 1

Format	Color
Hex	FEAFB0
RGB	254, 175, 176
RGB Percent	100%, 69%, 69%
CMY	0.0041, 0.3136, 0.3099
CMYK	0.00, 0.31, 0.31, 0.00
HSL	359°, 97%, 84%
HSV	359°, 31%, 100%
XYZ	64.0264, 54.8654, 48.2789
YIQ	198.7350, 46.7630, 17.0590

Conversions

Conversions Part 2

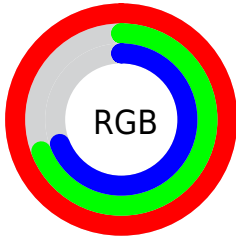
Format	Color
R _Y B	254, 175, 176
Decimal	16691120
CIE Lab	78.96, 28.98, 11.22
CIE LCh	79, 31.076, 21.168
Yxy	54.8654, 0.3830, 0.3282
Android (android.graphics.Color)	4294881200 (0xFFFEAFB0)
YUV	198.7350, -11.2084, 48.4674
Hunter-Lab	74.0712, 24.6690, 13.2052

Details

The Yxy color **54.8654, 0.3830, 0.3282** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **87.0665, 0.2684, 0.3299**, and the grayscale version is **56.9919, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.2380, 0.3286, 0.3281**, and **27.1101, 0.4019, 0.3266** is the 20% darker color. If you saturate the color by 10%, you get **44.9896, 0.4176, 0.3280**, and if you desaturate by 10%, it is **66.7889, 0.3549, 0.3285**.

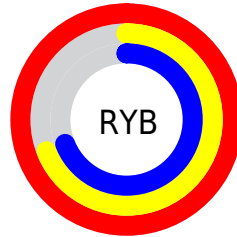
Distribution



Red (100%)

Green (69%)

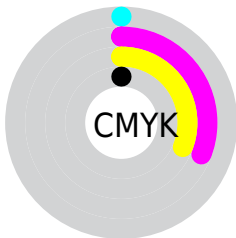
Blue (69%)



Red (100%)

Yellow (69%)

Blue (69%)

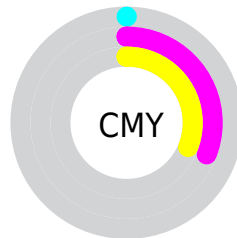


Cyan (0%)

Magenta (31%)

Yellow (31%)

Black (0%)



Cyan (0%)

Magenta (31%)


Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.8654, 0.3830, 0.3282 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 54.8654, 0.3830, 0.3282 by changing the saturation by 10% instead.


 54.8654, 0.3830,
0.3282

 54.8654, 0.3830,
0.3282

405.4015, 0.3485,
0.3294

 39.2940, 0.3914,
0.3277

 97.3437, 0.3706,
0.3288

 26.9885, 0.4020,
0.3269


125.0194, 0.3659,
0.3290

 17.5646, 0.4160,
0.3257


157.4986, 0.3619,
0.3291

 10.6378, 0.4349,
0.3237

195.1657, 0.3585,
0.3292

 5.8239, 0.4620,
0.3200

238.4052, 0.3555,
0.3293

 2.7383, 0.5038,
0.3127

287.6014, 0.3529,

 0.9967, 0.5998,

0.3293

0.3086

343.1387, 0.3506,
0.3294

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.8654, 0.3830,
0.3282

54.8654, 0.3830,
0.3282

44.9896, 0.4176,
0.3280

66.7889, 0.3549,
0.3285

37.0390, 0.4589,
0.3279

80.8580, 0.3324,
0.3287

30.8906, 0.5056,
0.3279

97.1734, 0.3144,
0.3290

26.4033, 0.5537,
0.3281

99.8029, 0.3121,
0.3290

■ 23.4158, 0.5963,
0.3285

■ 21.7342, 0.6260,
0.3291

■ 21.0696, 0.6392,
0.3295

Harmonies

Analogous

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



54.8654, 0.3506, 0.2969



54.8654, 0.3830, 0.3282



54.8654, 0.3950, 0.3615

Triad

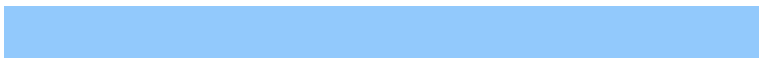
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



54.8654, 0.3830, 0.3282



54.8654, 0.3121, 0.3943



54.8654, 0.2453, 0.2673

Complementary

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



54.8654, 0.3830, 0.3282



87.0665, 0.2684, 0.3299

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.



54.8654, 0.2368, 0.2884



54.8654, 0.3830, 0.3282



54.8654, 0.2737, 0.3638

Square

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



54.8654, 0.3830, 0.3282



54.8654, 0.3524, 0.4030



54.8654, 0.2467, 0.3235



54.8654, 0.2708, 0.2627

Rectangle

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



54.8654, 0.3830, 0.3282



54.8654, 0.3896, 0.3812



54.8654, 0.2467, 0.3235



54.8654, 0.2404, 0.2725

Sweetspot

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



54.8680, 0.3830, 0.3282



84.8461, 0.3283, 0.3288



58.6400, 0.3153, 0.2512



17.6739, 0.3311, 0.3287



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.



54.8680, 0.3830, 0.3282



49.2286, 0.4027, 0.3281



71.8373, 0.3717, 0.3686



17.9906, 0.3293, 0.3288



11.1139, 0.6389, 0.3293



1.0833, 0.6359, 0.3277

Inverse Universe

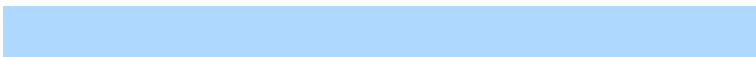
The Inverse Universe completely reimagines the original color for something new.



54.8680, 0.3830, 0.3282



49.2286, 0.4027, 0.3281



65.2843, 0.2629, 0.2857



17.9906, 0.3293, 0.3288



11.1139, 0.6389, 0.3293



1.0833, 0.6359, 0.3277

Previews

White Background



This preview shows how the Yxy color 54.8654, 0.3830, 0.3282 looks on a white background.

Color Contrast Check

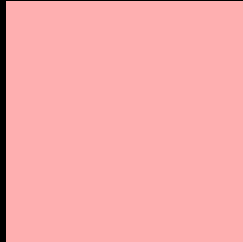
Large Text (above 18pt) WCAG AA × Fail

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 54.8654, 0.3830, 0.3282 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 54.8654, 0.3830, 0.3282

Background



This preview shows how black text looks on a background with the Yxy color 54.8654, 0.3830, 0.3282.



This preview shows how white text looks on a background with the Yxy color 54.8654, 0.3830, 0.3282.

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

54.8654, 0.3830, 0.3282

Protanopia

55.1746, 0.3244, 0.3387

Deuteranopia

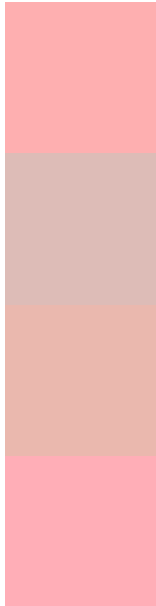
55.1003, 0.3544, 0.3477



Tritanopia

54.7350, 0.3744, 0.3145

Trichromacy



Original Color

54.8654, 0.3830, 0.3282

Protanomaly

54.7575, 0.3446, 0.3349

Deuteranomaly

54.8294, 0.3645, 0.3404

Tritanomaly

54.9510, 0.3778, 0.3197

Monochromacy



Original Color

54.8654, 0.3830, 0.3282

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

55.6486, 0.3361, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.8654, 0.3830, 0.3282 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(254, 175, 176)` looks like.

```
.text, #text, p{  
    color:rgb(254, 175, 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(254, 175, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 175, 176) }
```

Border

The CSS property to change the border of an element to Yxy 54.8654, 0.3830, 0.3282 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(254, 175, 176) }
```

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

```
.border{ border-color:rgb(254, 175, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 175, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 175, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 175, 176);  
box-shadow:4px 4px 4px 4px rgb(254, 175,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 54.8654, 0.3830, 0.3282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 175, 176) }
```

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

```
.background{ background-color: rgb(254,  
175, 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](#).

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