

Converting Colors

$Yxy(58.0191, 0.3928, 0.3281)$

Have a look what the booklet for
Yxy(58.0191, 0.3928, 0.3281)
contains.

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Color

Yxy(55.4850, 0.3827, 0.3282)

Conversions

Conversions Part 1

Format	Color
Hex	FFB0B1
RGB	255, 176, 177
RGB Percent	100%, 69%, 69%
CMY	0.0000, 0.3098, 0.3060
CMYK	0.00, 0.31, 0.31, 0.00
HSL	359°, 100%, 85%
HSV	359°, 31%, 100%
XYZ	64.6987, 55.4850, 48.8748
YIQ	199.7350, 46.7630, 17.0590

Conversions

Conversions Part 2

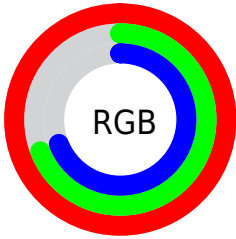
Format	Color
R _Y B	255, 176, 177
Decimal	16756913
CIE Lab	79.32, 28.97, 11.21
CIE LCh	79, 31.066, 21.153
Yxy	55.4850, 0.3827, 0.3282
Android (android.graphics.Color)	4294946993 (0xFFFFB0B1)
YUV	199.7350, -11.2084, 48.4674
Hunter-Lab	74.4883, 24.6863, 13.2392

Details

The Yxy color **55.4850, 0.3827, 0.3282** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **87.9099, 0.2686, 0.3299**, and the grayscale version is **57.6360, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.8564, 0.3279, 0.3281**, and **27.5169, 0.4013, 0.3266** is the 20% darker color. If you saturate the color by 10%, you get **45.4951, 0.4172, 0.3280**, and if you desaturate by 10%, it is **67.5428, 0.3546, 0.3285**.

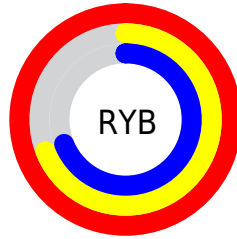
Distribution



Red (100%)

Green (69%)

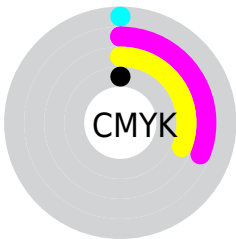
Blue (69%)



Red (100%)

Yellow (69%)

Blue (69%)

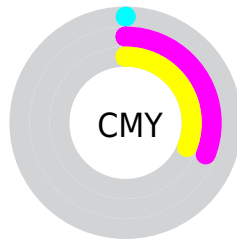


Cyan (0%)

Magenta (31%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.4850, 0.3827, 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 55.4850, 0.3827, 0.3282 by changing the saturation by 10% instead.


 55.4850, 0.3827,
0.3282

 55.4850, 0.3827,
0.3282


407.7478, 0.3484,
0.3294

 39.7902, 0.3910,
0.3277


 98.2512, 0.3704,
0.3288

 27.3750, 0.4016,
0.3269


126.0913, 0.3657,
0.3290

 17.8550, 0.4153,
0.3257


158.7487, 0.3618,
0.3291

 10.8460, 0.4340,
0.3237

196.6077, 0.3584,
0.3292

 5.9634, 0.4608,
0.3202

240.0527, 0.3554,
0.3293

 2.8228, 0.5018,
0.3131

289.4681, 0.3528,

 1.0399, 0.5922,

0.3293

0.3074

345.2384, 0.3505,
0.3294

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.4850, 0.3827,
0.3282

55.4850, 0.3827,
0.3282

45.4951, 0.4172,
0.3280

67.5428, 0.3546,
0.3285

37.4510, 0.4585,
0.3278

81.7686, 0.3322,
0.3287

31.2277, 0.5052,
0.3279

98.2637, 0.3143,
0.3290

26.6833, 0.5533,
0.3281

100.0000, 0.3127,
0.3290

■ 23.6549, 0.5960,
0.3285

■ 21.9469, 0.6258,
0.3291

■ 21.2667, 0.6392,
0.3295

Harmonies

Analogous

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



55.4850, 0.3505, 0.2971



55.4850, 0.3827, 0.3282



55.4850, 0.3947, 0.3613

Triad

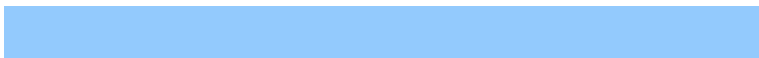
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



55.4850, 0.3827, 0.3282



55.4850, 0.3122, 0.3940



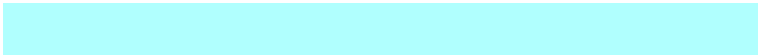
55.4850, 0.2455, 0.2675

Complementary

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



55.4850, 0.3827, 0.3282



87.9099, 0.2686, 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.



55.4850, 0.2371, 0.2886



55.4850, 0.3827, 0.3282



55.4850, 0.2738, 0.3637

Square

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



55.4850, 0.3827, 0.3282



55.4850, 0.3523, 0.4027



55.4850, 0.2470, 0.3236



55.4850, 0.2710, 0.2630

Rectangle

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



55.4850, 0.3827, 0.3282



55.4850, 0.3893, 0.3810



55.4850, 0.2470, 0.3236



55.4850, 0.2407, 0.2727

Sweetspot

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



55.4872, 0.3827, 0.3282



84.8462, 0.3283, 0.3288



59.2855, 0.3153, 0.2515



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.



55.4872, 0.3827, 0.3282



49.2287, 0.4027, 0.3281



72.5834, 0.3715, 0.3685



17.9906, 0.3293, 0.3288



11.1139, 0.6388, 0.3293



1.0833, 0.6359, 0.3277

Inverse Universe

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



55.4872, 0.3827, 0.3282



49.2287, 0.4027, 0.3281



65.9848, 0.2630, 0.2858



17.9906, 0.3293, 0.3288



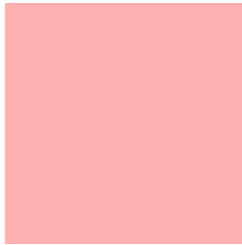
11.1139, 0.6388, 0.3293



1.0833, 0.6359, 0.3277

Previews

White Background



This preview shows how the Yxy color 55.4850, 0.3827, 0.3282 looks on a white background.

Color Contrast Check

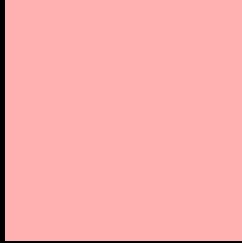
Large Text (above 18pt) WCAG AA × Fail

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 55.4850, 0.3827, 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 55.4850, 0.3827, 0.3282

Background



This preview shows how black text looks on a background with the Yxy color 55.4850, 0.3827, 0.3282.



This preview shows how white text looks on a background with the Yxy color 55.4850, 0.3827, 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

55.4850, 0.3827, 0.3282

Protanopia

55.8072, 0.3243, 0.3387

Deuteranopia

55.7302, 0.3542, 0.3476



Tritanopia

55.5508, 0.3729, 0.3156

Trichromacy



Original Color

55.4850, 0.3827, 0.3282



Protanomaly

55.3855, 0.3445, 0.3349



Deuteranomaly

55.4552, 0.3642, 0.3403



Tritanomaly

55.3806, 0.3766, 0.3197

Monochromacy



Original Color

55.4850, 0.3827, 0.3282



Achromatopsia

57.7580, 0.3127, 0.3290



Achromatomaly

56.2830, 0.3359, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.4850, 0.3827, 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(255, 176, 177)` looks like.

```
.text, #text, p{  
    color:rgb(255, 176, 177)  
}
```

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, 176, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 176, 177) }
```

Border

The CSS property to change the border of an element to Yxy 55.4850, 0.3827, 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(255, 176, 177) }
```

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

```
.border{ border-color:rgb(255, 176, 177) }
```

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

Here you see how a box with a 4 pixel rgb(255, 176, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 176, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 176, 177);  
box-shadow:4px 4px 4px 4px rgb(255, 176,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 55.4850, 0.3827, 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(255, 176, 177) }
```

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

```
.background{ background-color: rgb(255,  
176, 177) }
```

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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