

Converting Colors

$Yxy(59.5862, 0.3993, 0.3310)$

Have a look what the booklet for
Yxy(59.5862, 0.3993, 0.3310)
contains.

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Color

Yxy(55.8389, 0.3833, 0.3303)

Conversions

Conversions Part 1

Format	Color
Hex	FFB1B0
RGB	255, 177, 176
RGB Percent	100%, 69%, 69%
CMY	0.0000, 0.3059, 0.3099
CMYK	0.00, 0.31, 0.31, 0.00
HSL	1°, 100%, 85%
HSV	1°, 31%, 100%
XYZ	64.7988, 55.8389, 48.4174
YIQ	200.2080, 46.8090, 16.2250

Conversions

Conversions Part 2

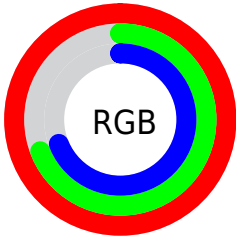
Format	Color
R _Y B	255, 177, 176
Decimal	16757168
CIE Lab	79.52, 28.33, 12.04
CIE LCh	80, 30.780, 23.024
Yxy	55.8389, 0.3833, 0.3303
Android (android.graphics.Color)	4294947248 (0xFFFFB1B0)
YUV	200.2080, -11.9345, 48.0526
Hunter-Lab	74.7254, 24.0184, 13.8916

Details

The Yxy color **55.8389, 0.3833, 0.3303** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **87.3033, 0.2679, 0.3277**, and the grayscale version is **57.9453, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.3640, 0.3284, 0.3300**, and **27.7409, 0.4020, 0.3293** is the 20% darker color. If you saturate the color by 10%, you get **45.8818, 0.4180, 0.3308**, and if you desaturate by 10%, it is **67.8192, 0.3550, 0.3299**.

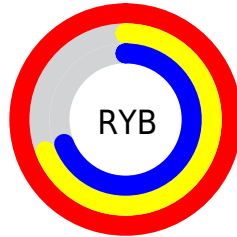
Distribution



Red (100%)

Green (69%)

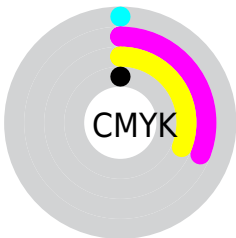
Blue (69%)



Red (100%)

Yellow (69%)

Blue (69%)

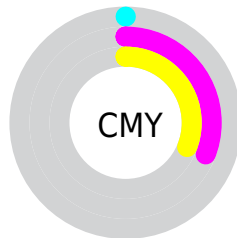


Cyan (0%)

Magenta (31%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.8389, 0.3833, 0.3303 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 55.8389, 0.3833, 0.3303 by changing the saturation by 10% instead.


 55.8389, 0.3833,
0.3303

 55.8389, 0.3833,
0.3303


409.0841, 0.3487,
0.3305

 40.0738, 0.3917,
0.3300


 98.7690, 0.3709,
0.3306

 27.5961, 0.4023,
0.3295


126.7028, 0.3662,
0.3306

 18.0214, 0.4161,
0.3287


159.4615, 0.3622,
0.3306

 10.9653, 0.4349,
0.3271

197.4297, 0.3588,
0.3306

 6.0435, 0.4617,
0.3241

240.9916, 0.3558,
0.3306

 2.8716, 0.5027,
0.3178

290.5317, 0.3531,

 1.0651, 0.5948,

0.3306

0.3147

346.4344, 0.3508,
0.3305

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.8389, 0.3833,
0.3303

55.8389, 0.3833,
0.3303

45.8818, 0.4180,
0.3308

67.8192, 0.3550,
0.3299

37.8351, 0.4594,
0.3312

81.9245, 0.3324,
0.3294

31.5770, 0.5061,
0.3314

98.2510, 0.3143,
0.3290

26.9710, 0.5541,
0.3315

100.0000, 0.3127,
0.3290

■ 23.8611, 0.5967,
0.3313

■ 22.0614, 0.6262,
0.3308

■ 21.3329, 0.6394,
0.3305

Harmonies

Analogous

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



55.8389, 0.3524, 0.2991



55.8389, 0.3833, 0.3303



55.8389, 0.3937, 0.3630

Triad

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



55.8389, 0.3833, 0.3303



55.8389, 0.3097, 0.3919



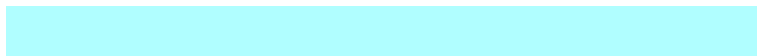
55.8389, 0.2473, 0.2675

Complementary

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



55.8389, 0.3833, 0.3303



87.3033, 0.2679, 0.3277

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.



55.8389, 0.2379, 0.2873



55.8389, 0.3833, 0.3303



55.8389, 0.2722, 0.3609

Square

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



55.8389, 0.3833, 0.3303



55.8389, 0.3495, 0.4020



55.8389, 0.2465, 0.3212



55.8389, 0.2735, 0.2639

Rectangle

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



55.8389, 0.3833, 0.3303



55.8389, 0.3875, 0.3821



55.8389, 0.2465, 0.3212



55.8389, 0.2422, 0.2723

Sweetspot

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



55.8393, 0.3833, 0.3303



85.0008, 0.3284, 0.3293



59.5163, 0.3163, 0.2517



17.7115, 0.3313, 0.3294



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.



55.8393, 0.3833, 0.3303



49.6239, 0.4033, 0.3306



73.2397, 0.3711, 0.3698



18.0253, 0.3294, 0.3294



11.1635, 0.6392, 0.3307



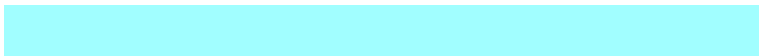
1.0999, 0.6370, 0.3325

Inverse Universe

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



87.3033, 0.2679, 0.3277



85.4902, 0.2606, 0.3275



65.2924, 0.2628, 0.2843



20.4379, 0.2980, 0.3286



40.0519, 0.2235, 0.3247



3.9124, 0.2237, 0.3252

Previews

White Background



This preview shows how the Yxy color 55.8389, 0.3833, 0.3303 looks on a white background.

Color Contrast Check

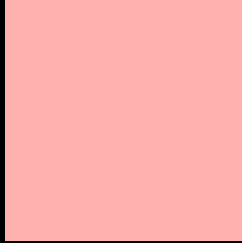
Large Text (above 18pt) WCAG AA × Fail

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 55.8389, 0.3833, 0.3303 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 55.8389, 0.3833, 0.3303

Background



This preview shows how black text looks on a background with the Yxy color 55.8389, 0.3833, 0.3303.



This preview shows how white text looks on a background with the Yxy color 55.8389, 0.3833, 0.3303.

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

55.8389, 0.3833, 0.3303

Protanopia

56.3150, 0.3266, 0.3423

Deuteranopia

55.8905, 0.3551, 0.3475



Tritanopia

55.9848, 0.3717, 0.3156

Trichromacy



Original Color

55.8389, 0.3833, 0.3303

Protanomaly

55.8923, 0.3468, 0.3383

Deuteranomaly

55.6259, 0.3651, 0.3403

Tritanomaly

55.7714, 0.3763, 0.3208

Monochromacy



Original Color

55.8389, 0.3833, 0.3303

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

56.6765, 0.3366, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.8389, 0.3833, 0.3303 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, 177, 176)` looks like.

```
.text, #text, p{  
    color:rgb(255, 177, 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(255, 177, 176) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 55.8389, 0.3833, 0.3303 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, 177, 176) }
```

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

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

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

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

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


Background

The CSS property to change the background color of an element to Yxy 55.8389, 0.3833, 0.3303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 177, 176) }
```

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

```
.background{ background-color: rgb(255,  
177, 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](#).

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