

Converting Colors

$Yxy(55.7603, 0.3851, 0.3324)$

Have a look what the booklet for
Yxy(55.7603, 0.3851, 0.3324)
contains.

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Color

Yxy(55.7603, 0.3851, 0.3324)

Conversions

Conversions Part 1

Format	Color
Hex	FFB1AE
RGB	255, 177, 174
RGB Percent	100%, 69%, 68%
CMY	0.0000, 0.3059, 0.3177
CMYK	0.00, 0.31, 0.32, 0.00
HSL	2°, 100%, 84%
HSV	2°, 32%, 100%
XYZ	64.6008, 55.7603, 47.3895
YIQ	199.9800, 47.4510, 15.6030

Conversions

Conversions Part 2

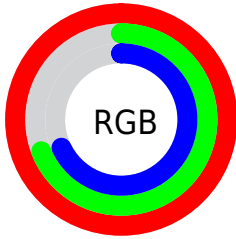
Format	Color
R _Y B	255, 177, 174
Decimal	16757166
CIE Lab	79.48, 28.07, 13.05
CIE LCh	79, 30.957, 24.931
Yxy	55.7603, 0.3851, 0.3324
Android (android.graphics.Color)	4294947246 (0xFFFFB1AE)
YUV	199.9800, -12.8081, 48.2525
Hunter-Lab	74.6728, 23.7460, 14.6438

Details

The Yxy color **55.7603, 0.3851, 0.3324** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **85.8167, 0.2667, 0.3256**, and the grayscale version is **57.8048, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.1950, 0.3304, 0.3330**, and **27.6908, 0.4046, 0.3320** is the 20% darker color. If you saturate the color by 10%, you get **46.0201, 0.4198, 0.3335**, and if you desaturate by 10%, it is **67.4377, 0.3567, 0.3313**.

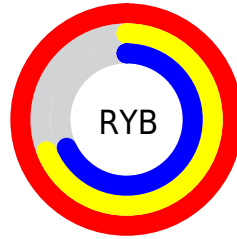
Distribution



Red (100%)

Green (69%)

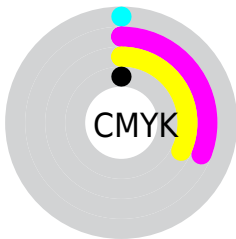
Blue (68%)



Red (100%)

Yellow (69%)

Blue (68%)

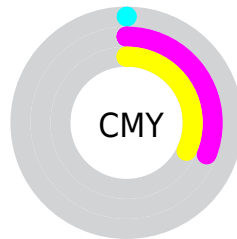


Cyan (0%)

Magenta (31%)

Yellow (32%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.7603, 0.3851, 0.3324 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 55.7603, 0.3851, 0.3324 by changing the saturation by 10% instead.


 55.7603, 0.3851,
0.3324

 55.7603, 0.3851,
0.3324

408.7875, 0.3496,
0.3317

 40.0108, 0.3937,
0.3323


 98.6540, 0.3724,
0.3323

 27.5469, 0.4046,
0.3321


126.5670, 0.3676,
0.3323

 17.9844, 0.4188,
0.3315


159.3033, 0.3635,
0.3322

 10.9388, 0.4380,
0.3303

197.2472, 0.3599,
0.3321

 6.0257, 0.4655,
0.3278

240.7832, 0.3569,
0.3320

 2.8607, 0.5074,
0.3220

290.2957, 0.3541,

 1.0595, 0.6072,

0.3319

0.3227

346.1690, 0.3518,
0.3318

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.7603, 0.3851,
0.3324

55.7603, 0.3851,
0.3324

46.0201, 0.4198,
0.3335

67.4377, 0.3567,
0.3313

38.1060, 0.4609,
0.3344

81.1419, 0.3339,
0.3302

31.9064, 0.5072,
0.3350

96.9651, 0.3156,
0.3292

27.2943, 0.5545,
0.3349

100.0000, 0.3127,
0.3290

■ 24.1254, 0.5964,
0.3341

■ 22.2292, 0.6257,
0.3325

■ 21.4671, 0.6383,
0.3314

Harmonies

Analogous

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



55.7603, 0.3551, 0.3008



55.7603, 0.3851, 0.3324



55.7603, 0.3940, 0.3652

Triad

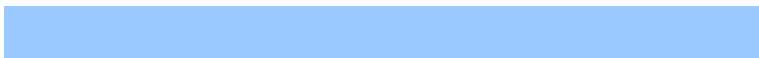
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



55.7603, 0.3851, 0.3324



55.7603, 0.3071, 0.3909



55.7603, 0.2482, 0.2664

Complementary

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



55.7603, 0.3851, 0.3324



85.8167, 0.2667, 0.3256

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.



55.7603, 0.2375, 0.2853



55.7603, 0.3851, 0.3324



55.7603, 0.2699, 0.3587

Square

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



55.7603, 0.3851, 0.3324



55.7603, 0.3473, 0.4025



55.7603, 0.2451, 0.3187



55.7603, 0.2754, 0.2638

Rectangle

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



55.7603, 0.3851, 0.3324



55.7603, 0.3868, 0.3840



55.7603, 0.2451, 0.3187



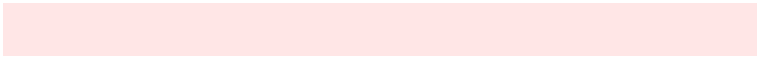
55.7603, 0.2426, 0.2709

Sweetspot

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



55.7625, 0.3851, 0.3324



83.7919, 0.3303, 0.3300



58.5702, 0.3185, 0.2521



17.4844, 0.3331, 0.3301



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.



55.7625, 0.3851, 0.3324



49.4763, 0.4059, 0.3331



74.0382, 0.3720, 0.3735



18.0959, 0.3294, 0.3299



11.2642, 0.6375, 0.3320



1.1334, 0.6314, 0.3369

Inverse Universe

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



85.8167, 0.2667, 0.3256



83.7276, 0.2591, 0.3248



63.1966, 0.2612, 0.2798



20.3579, 0.2980, 0.3281



38.0925, 0.2215, 0.3173



3.7439, 0.2219, 0.3187

Previews

White Background



This preview shows how the Yxy color 55.7603, 0.3851, 0.3324 looks on a white background.

Color Contrast Check

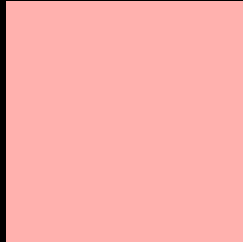
Large Text (above 18pt) WCAG AA × Fail

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 55.7603, 0.3851, 0.3324 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 55.7603, 0.3851, 0.3324

Background



This preview shows how black text looks on a background with the Yxy color 55.7603, 0.3851, 0.3324.



This preview shows how white text looks on a background with the Yxy color 55.7603, 0.3851, 0.3324.

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

55.7603, 0.3851, 0.3324

Protanopia

56.2306, 0.3281, 0.3447

Deuteranopia

55.9742, 0.3576, 0.3498



Tritanopia

55.9415, 0.3726, 0.3166

Trichromacy



Original Color

55.7603, 0.3851, 0.3324



Protanomaly

55.8102, 0.3484, 0.3406



Deuteranomaly

55.7196, 0.3677, 0.3425



Tritanomaly

55.7296, 0.3772, 0.3218

Monochromacy



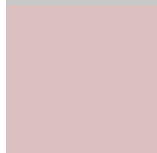
Original Color

55.7603, 0.3851, 0.3324



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 55.7603, 0.3851, 0.3324 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, 174)` looks like.

```
.text, #text, p{  
    color:rgb(255, 177, 174)  
}
```

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, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 177, 174) }
```

Border

The CSS property to change the border of an element to Yxy 55.7603, 0.3851, 0.3324 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, 174) }
```

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

```
.border{ border-color:rgb(255, 177, 174) }
```

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, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 177, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 177, 174);  
box-shadow:4px 4px 4px 4px rgb(255, 177,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 55.7603, 0.3851, 0.3324 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, 174) }
```

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

```
.background{ background-color: rgb(255,  
177, 174) }
```

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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