

Converting Colors

$Y_{xy}(56.3394, 0.3957, 0.3407)$

Have a look what the booklet for
Yxy(56.3394, 0.3957, 0.3407)
contains.

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Color

Yxy(55.4575, 0.3924, 0.3408)

Conversions

Conversions Part 1

Format	Color
Hex	FFB1A6
RGB	255, 177, 166
RGB Percent	100%, 69%, 65%
CMY	0.0000, 0.3059, 0.3490
CMYK	0.00, 0.31, 0.35, 0.00
HSL	7°, 100%, 83%
HSV	7°, 35%, 100%
XYZ	63.8542, 55.4575, 43.4157
YIQ	199.0680, 50.0190, 13.1150

Conversions

Conversions Part 2

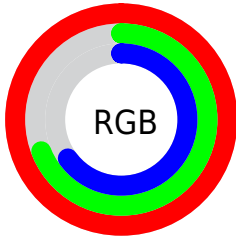
Format	Color
R _Y B	255, 179, 166
Decimal	16757158
CIE Lab	79.30, 27.12, 17.11
CIE LCh	79, 32.066, 32.251
Yxy	55.4575, 0.3924, 0.3408
Android (android.graphics.Color)	4294947238 (0xFFFFB1A6)
YUV	199.0680, -16.3025, 49.0524
Hunter-Lab	74.4698, 22.7330, 17.5630

Details

The Yxy color **55.4575, 0.3924, 0.3408** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **80.0355, 0.2617, 0.3167**, and the grayscale version is **57.2314, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.7583, 0.3357, 0.3410**, and **27.3660, 0.4135, 0.3428** is the 20% darker color. If you saturate the color by 10%, you get **46.4910, 0.4269, 0.3441**, and if you desaturate by 10%, it is **66.0482, 0.3636, 0.3373**.

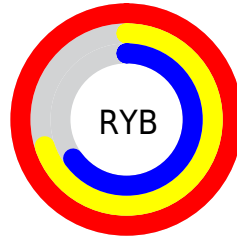
Distribution



Red (100%)

Green (69%)

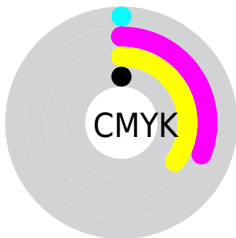
Blue (65%)



Red (100%)

Yellow (70%)

Blue (65%)

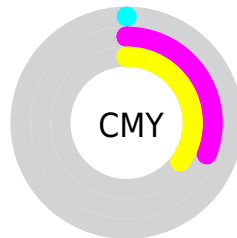


Cyan (0%)

Magenta (31%)

Yellow (35%)

Black (0%)



Cyan (0%)

Magenta (31%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.4575, 0.3924, 0.3408 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 55.4575, 0.3924, 0.3408 by changing the saturation by 10% instead.

 55.4575, 0.3924,
0.3408


 55.4575, 0.3924,
0.3408

407.6438, 0.3533,
0.3363

 39.7681, 0.4019,
0.3415


 98.2109, 0.3784,
0.3395

 27.3578, 0.4139,
0.3423


 126.0438, 0.3731,
0.3389

 17.8421, 0.4294,
0.3429


158.6933, 0.3685,
0.3383

 10.8367, 0.4505,
0.3431

196.5438, 0.3647,
0.3378

 5.9571, 0.4804,
0.3422

239.9797, 0.3613,
0.3374

 2.8190, 0.5254,
0.3379

289.3854, 0.3583,

 1.0380, 0.6492,

0.3370

0.3508

345.1453, 0.3556,
0.3366

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.4575, 0.3924,
0.3408

55.4575, 0.3924,
0.3408

46.4910, 0.4269,
0.3441

66.0482, 0.3636,
0.3373

39.0785, 0.4670,
0.3468

78.3499, 0.3400,
0.3338

33.1278, 0.5111,
0.3481

92.4296, 0.3208,
0.3305

28.5416, 0.5556,
0.3476

100.0000, 0.3127,
0.3290

■ 25.2106, 0.5946,
0.3446

■ 23.0082, 0.6222,
0.3395

■ 22.2655, 0.6315,
0.3368

Harmonies

Analogous

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



55.4575, 0.3658, 0.3073



55.4575, 0.3924, 0.3408



55.4575, 0.3956, 0.3739

Triad

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



55.4575, 0.3924, 0.3408



55.4575, 0.2966, 0.3869



55.4575, 0.2513, 0.2620

Complementary

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



55.4575, 0.3924, 0.3408



80.0355, 0.2617, 0.3167

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.



55.4575, 0.2358, 0.2773



55.4575, 0.3924, 0.3408



55.4575, 0.2606, 0.3498

Square

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



55.4575, 0.3924, 0.3408



55.4575, 0.3386, 0.4048



55.4575, 0.2390, 0.3086



55.4575, 0.2830, 0.2634

Rectangle

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



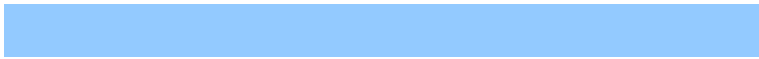
55.4575, 0.3924, 0.3408



55.4575, 0.3843, 0.3918



55.4575, 0.2390, 0.3086



55.4575, 0.2442, 0.2652

Sweetspot

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



55.4538, 0.3924, 0.3408



85.0241, 0.3301, 0.3322



55.1024, 0.3250, 0.2512



17.7796, 0.3328, 0.3326



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.



55.4538, 0.3924, 0.3408



48.9279, 0.4163, 0.3432



75.6650, 0.3765, 0.3853



18.3482, 0.3291, 0.3320



11.7463, 0.6297, 0.3382



1.2525, 0.6129, 0.3516

Inverse Universe

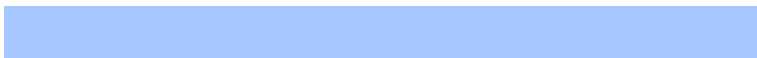
The Inverse Universe completely reimagines the original color for something new.



80.0355, 0.2617, 0.3167



76.8779, 0.2528, 0.3138



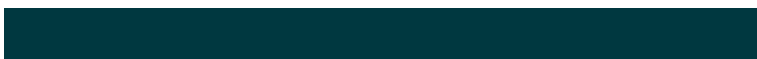
56.6905, 0.2547, 0.2651



20.0760, 0.2980, 0.3260



31.6439, 0.2137, 0.2895



3.1839, 0.2151, 0.2944

Previews

White Background



This preview shows how the Yxy color 55.4575, 0.3924, 0.3408 looks on a white background.

Color Contrast Check

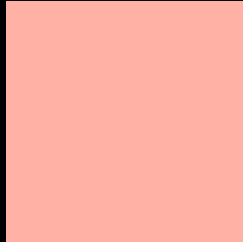
Large Text (above 18pt) WCAG AA × Fail

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 55.4575, 0.3924, 0.3408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

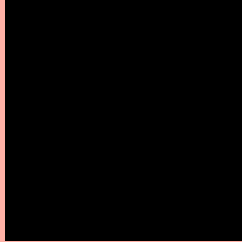
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.4575, 0.3924, 0.3408

Background



This preview shows how black text looks on a background with the Yxy color 55.4575, 0.3924, 0.3408.



This preview shows how white text looks on a background with the Yxy color 55.4575, 0.3924, 0.3408.

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

55.4575, 0.3924, 0.3408

Protanopia

55.5936, 0.3352, 0.3533

Deuteranopia

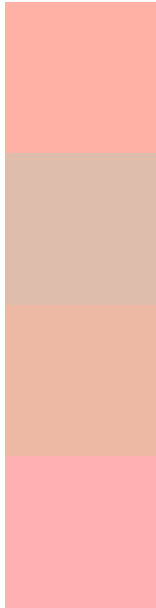
55.4064, 0.3654, 0.3579



Tritanopia

55.5078, 0.3738, 0.3166

Trichromacy



Original Color

55.4575, 0.3924, 0.3408

Protanomaly

55.0617, 0.3553, 0.3488

Deuteranomaly

55.4191, 0.3746, 0.3515

Tritanomaly

55.5653, 0.3808, 0.3261

Monochromacy



Original Color

55.4575, 0.3924, 0.3408

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

55.9095, 0.3391, 0.3337

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.4575, 0.3924, 0.3408 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, 166)` looks like.

```
.text, #text, p{  
    color:rgb(255, 177, 166)  
}
```

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, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 177, 166) }
```

Border

The CSS property to change the border of an element to Yxy 55.4575, 0.3924, 0.3408 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, 166) }
```

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

```
.border{ border-color:rgb(255, 177, 166) }
```

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, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 177, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 177, 166);  
box-shadow:4px 4px 4px 4px rgb(255, 177,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 55.4575, 0.3924, 0.3408 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, 166) }
```

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

```
.background{ background-color: rgb(255,  
177, 166) }
```

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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