

Converting Colors

Yxy(55.3514, 0.3771, 0.3203)

Have a look what the booklet for
Yxy(55.3514, 0.3771, 0.3203)
contains.

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Color

Yxy(55.3388, 0.3775, 0.3208)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFAFB7 |
| RGB | 255, 175, 183 |
| RGB Percent | 100%, 69%, 72% |
| CMY | 0.0000, 0.3137, 0.2824 |
| CMYK | 0.00, 0.31, 0.28, 0.00 |
| HSL | 354°, 100%, 84% |
| HSV | 354°, 31%, 100% |
| XYZ | 65.1197, 55.3388, 52.0440 |
| YIQ | 199.8320, 45.1120, 19.4480 |

Conversions

Conversions Part 2

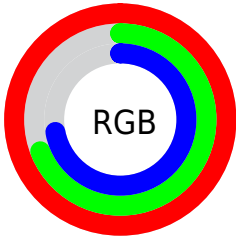
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 255, 175, 183 |
| Decimal | 16756663 |
| CIE Lab | 79.24, 30.29, 7.83 |
| CIE LCh | 79, 31.281, 14.487 |
| Yxy | 55.3388, 0.3775, 0.3208 |
| Android (android.graphics.Color) | 4294946743 (0xFFFFAFB7) |
| YUV | 199.8320, -8.2982, 48.3823 |
| Hunter-Lab | 74.3901, 26.0730, 10.5932 |

Details

The Yxy color **55.3388, 0.3775, 0.3208** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **87.3501, 0.2714, 0.3376**, and the grayscale version is **57.6804, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.6438, 0.3240, 0.3212**, and **27.4011, 0.3954, 0.3185** is the 20% darker color. If you saturate the color by 10%, you get **45.4534, 0.4090, 0.3182**, and if you desaturate by 10%, it is **67.2548, 0.3519, 0.3235**.

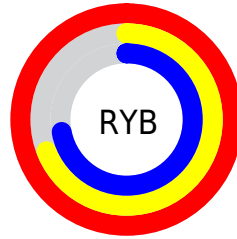
Distribution



Red (100%)

Green (69%)

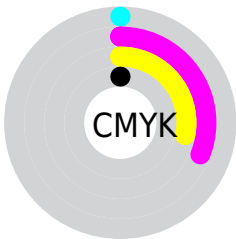
Blue (72%)



Red (100%)

Yellow (69%)

Blue (72%)

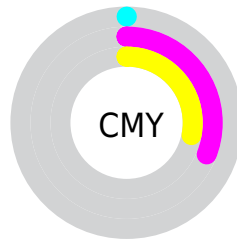


Cyan (0%)

Magenta (31%)

Yellow (28%)

Black (0%)



Cyan (0%)


Magenta (31%)

Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.3388, 0.3775, 0.3208 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 55.3388, 0.3775, 0.3208 by changing the saturation by 10% instead.

 55.3388, 0.3775,
0.3208

 55.3388, 0.3775,
0.3208

407.1949, 0.3458,
0.3254

 39.6730, 0.3852,
0.3195

 98.0372, 0.3661,
0.3225

 27.2837, 0.3949,
0.3179


125.8386, 0.3618,
0.3232

 17.7864, 0.4077,
0.3156


158.4540, 0.3582,
0.3237

 10.7968, 0.4250,
0.3122

196.2678, 0.3550,
0.3241

 5.9303, 0.4498,
0.3069

239.6644, 0.3522,
0.3245

 2.8028, 0.4881,
0.2976

289.0282, 0.3498,

 1.0296, 0.5617,

0.3248

0.2828

344.7436, 0.3477,
0.3251

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.3388, 0.3775,
0.3208

55.3388, 0.3775,
0.3208

45.4534, 0.4090,
0.3182

67.2548, 0.3519,
0.3235

37.4843, 0.4466,
0.3161

81.3050, 0.3312,
0.3262

31.3075, 0.4897,
0.3148

97.5870, 0.3147,
0.3287

26.7837, 0.5354,
0.3151

100.0000, 0.3127,
0.3290

■ 23.7535, 0.5786,
0.3172

■ 22.0255, 0.6125,
0.3212

■ 21.3322, 0.6311,
0.3250

Harmonies

Analogous

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



55.3388, 0.3418, 0.2907



55.3388, 0.3775, 0.3208



55.3388, 0.3947, 0.3543

Triad

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



55.3388, 0.3775, 0.3208



55.3388, 0.3214, 0.3986



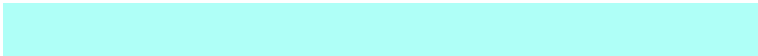
55.3388, 0.2416, 0.2704

Complementary

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



55.3388, 0.3775, 0.3208



87.3501, 0.2714, 0.3376

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.



55.3388, 0.2371, 0.2950



55.3388, 0.3775, 0.3208



55.3388, 0.2814, 0.3722

Square

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



55.3388, 0.3775, 0.3208



55.3388, 0.3606, 0.4020



55.3388, 0.2511, 0.3325



55.3388, 0.2637, 0.2621

Rectangle

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



55.3388, 0.3775, 0.3208



55.3388, 0.3929, 0.3752



55.3388, 0.2511, 0.3325



55.3388, 0.2380, 0.2768

Sweetspot

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



55.3391, 0.3775, 0.3208



84.9616, 0.3270, 0.3268



57.6547, 0.3101, 0.2492



17.7020, 0.3296, 0.3264



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.



55.3391, 0.3775, 0.3208



48.5668, 0.3977, 0.3191



68.9813, 0.3745, 0.3623



18.0165, 0.3279, 0.3267



11.1562, 0.6288, 0.3238



1.0956, 0.6076, 0.3121

Inverse Universe

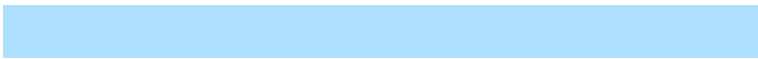
The Inverse Universe completely reimagines the original color for something new.



55.3391, 0.3775, 0.3208



48.5668, 0.3977, 0.3191



69.1098, 0.2633, 0.2930



18.0165, 0.3279, 0.3267



11.1562, 0.6288, 0.3238



1.0956, 0.6076, 0.3121

Previews

White Background



This preview shows how the Yxy color 55.3388, 0.3775, 0.3208 looks on a white background.

Color Contrast Check

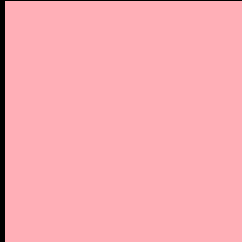
Large Text (above 18pt) WCAG AA × Fail

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 55.3388, 0.3775, 0.3208 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 55.3388, 0.3775, 0.3208

Background



This preview shows how black text looks on a background with the Yxy color 55.3388, 0.3775, 0.3208.



This preview shows how white text looks on a background with the Yxy color 55.3388, 0.3775, 0.3208.

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

55.3388, 0.3775, 0.3208

Protanopia

55.7924, 0.3182, 0.3314

Deuteranopia

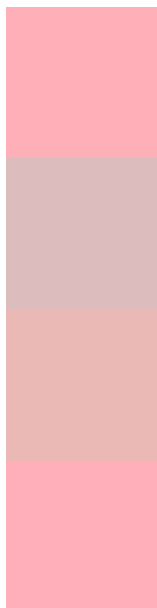
55.6518, 0.3476, 0.3407



Tritanopia

55.5508, 0.3729, 0.3156

Trichromacy



Original Color

55.3388, 0.3775, 0.3208

Protanomaly

55.0563, 0.3389, 0.3268

Deuteranomaly

55.5265, 0.3582, 0.3336

Tritanomaly

55.4651, 0.3747, 0.3177

Monochromacy



Original Color

55.3388, 0.3775, 0.3208

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

56.3723, 0.3343, 0.3256

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.3388, 0.3775, 0.3208 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, 175, 183)` looks like.

```
.text, #text, p{  
    color:rgb(255, 175, 183)  
}
```

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, 175, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 175, 183) }
```

Border

The CSS property to change the border of an element to Yxy 55.3388, 0.3775, 0.3208 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, 175, 183) }
```

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

```
.border{ border-color:rgb(255, 175, 183) }
```

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

Here you see how a box with a 4 pixel rgb(255, 175, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 175, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 175, 183);  
box-shadow:4px 4px 4px 4px rgb(255, 175,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 55.3388, 0.3775, 0.3208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 175, 183) }
```

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

```
.background{ background-color: rgb(255,  
175, 183) }
```

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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