

Converting Colors

$Y_{xy}(55.8299, 0.3743, 0.3184)$

Have a look what the booklet for
Yxy(55.8299, 0.3743, 0.3184)
contains.

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Color

Yxy(55.8558, 0.3745, 0.3187)

Conversions

Conversions Part 1

Format	Color
Hex	FFB0BA
RGB	255, 176, 186
RGB Percent	100%, 69%, 73%
CMY	0.0000, 0.3098, 0.2706
CMYK	0.00, 0.31, 0.27, 0.00
HSL	352°, 100%, 85%
HSV	352°, 31%, 100%
XYZ	65.6354, 55.8558, 53.7702
YIQ	200.7610, 43.8740, 19.8580

Conversions

Conversions Part 2

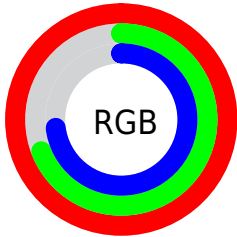
Format	Color
R_{YB}	255, 176, 186
Decimal	16756922
CIE Lab	79.53, 30.17, 6.62
CIE LCh	80, 30.891, 12.384
Yxy	55.8558, 0.3745, 0.3187
Android (android.graphics.Color)	4294947002 (0xFFFFB0BA)
YUV	200.7610, -7.2772, 47.5676
Hunter-Lab	74.7367, 25.9732, 9.6589

Details

The Yxy color **55.8558, 0.3745, 0.3187** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **87.3421, 0.2729, 0.3398**, and the grayscale version is **58.2742, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.3840, 0.3220, 0.3192**, and **27.7297, 0.3911, 0.3158** is the 20% darker color. If you saturate the color by 10%, you get **45.9006, 0.4047, 0.3154**, and if you desaturate by 10%, it is **67.8307, 0.3499, 0.3222**.

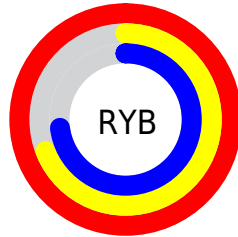
Distribution



Red (100%)

Green (69%)

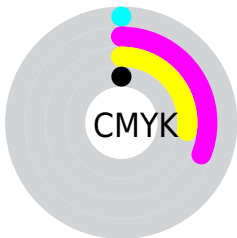
Blue (73%)



Red (100%)

Yellow (69%)

Blue (73%)

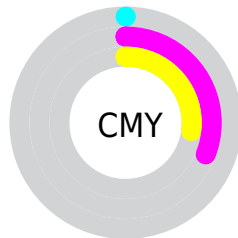


Cyan (0%)

Magenta (31%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.8558, 0.3745, 0.3187 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 55.8558, 0.3745, 0.3187 by changing the saturation by 10% instead.

 55.8558, 0.3745,
0.3187

 55.8558, 0.3745,
0.3187


409.1478, 0.3443,
0.3242

 40.0873, 0.3818,
0.3173


 98.7937, 0.3637,
0.3208

 27.6066, 0.3910,
0.3154


126.7319, 0.3596,
0.3215

 18.0293, 0.4031,
0.3128


159.4955, 0.3561,
0.3221

 10.9711, 0.4195,
0.3091

197.4689, 0.3531,
0.3227

 6.0474, 0.4429,
0.3034

241.0364, 0.3505,
0.3231

 2.8739, 0.4791,
0.2939

290.5825, 0.3482,

 1.0663, 0.5447,

0.3235

0.2771

346.4915, 0.3461,
0.3239

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.8558, 0.3745,
0.3187

55.8558, 0.3745,
0.3187

45.9006, 0.4047,
0.3154

67.8307, 0.3499,
0.3222

37.8618, 0.4409,
0.3125

81.9379, 0.3300,
0.3255

31.6134, 0.4826,
0.3108

98.2708, 0.3141,
0.3287

27.0178, 0.5273,
0.3108

100.0000, 0.3127,
0.3290

■ 23.9173, 0.5703,
0.3131

■ 22.1236, 0.6056,
0.3177

■ 21.3657, 0.6270,
0.3228

Harmonies

Analogous

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



55.8558, 0.3385, 0.2895



55.8558, 0.3745, 0.3187



55.8558, 0.3930, 0.3517

Triad

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



55.8558, 0.3745, 0.3187



55.8558, 0.3241, 0.3985



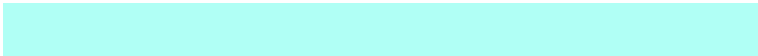
55.8558, 0.2417, 0.2724

Complementary

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



55.8558, 0.3745, 0.3187



87.3421, 0.2729, 0.3398

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.



55.8558, 0.2386, 0.2979



55.8558, 0.3745, 0.3187



55.8558, 0.2845, 0.3739

Square

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



55.8558, 0.3745, 0.3187



55.8558, 0.3623, 0.4002



55.8558, 0.2537, 0.3353



55.8558, 0.2624, 0.2631

Rectangle

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



55.8558, 0.3745, 0.3187



55.8558, 0.3923, 0.3725



55.8558, 0.2537, 0.3353



55.8558, 0.2386, 0.2792

Sweetspot

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



55.8528, 0.3745, 0.3187



84.9969, 0.3266, 0.3262



57.5845, 0.3081, 0.2497



17.7106, 0.3291, 0.3257



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.



55.8528, 0.3745, 0.3187



49.6288, 0.3919, 0.3167



68.0390, 0.3743, 0.3592



18.0245, 0.3274, 0.3260



11.1756, 0.6244, 0.3213



1.0993, 0.5997, 0.3077

Inverse Universe

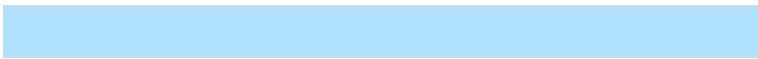
The Inverse Universe completely reimagines the original color for something new.



55.8528, 0.3745, 0.3187



49.6288, 0.3919, 0.3167



70.8588, 0.2643, 0.2965



18.0245, 0.3274, 0.3260



11.1756, 0.6244, 0.3213



1.0993, 0.5997, 0.3077

Previews

White Background



This preview shows how the Yxy color 55.8558, 0.3745, 0.3187 looks on a white background.

Color Contrast Check

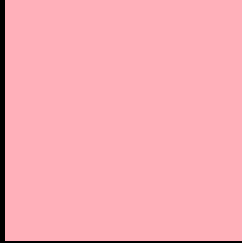
Large Text (above 18pt) WCAG AA × Fail

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 55.8558, 0.3745, 0.3187 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 55.8558, 0.3745, 0.3187

Background



This preview shows how black text looks on a background with the Yxy color 55.8558, 0.3745, 0.3187.



This preview shows how white text looks on a background with the Yxy color 55.8558, 0.3745, 0.3187.

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

55.8558, 0.3745, 0.3187

Protanopia

55.9286, 0.3160, 0.3278

Deuteranopia

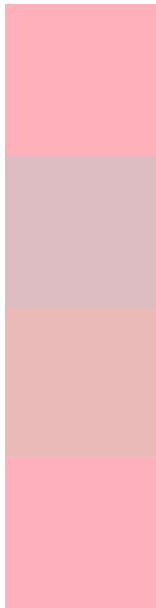
56.2101, 0.3449, 0.3383



Tritanopia

55.9848, 0.3717, 0.3156

Trichromacy



Original Color

55.8558, 0.3745, 0.3187

Protanomaly

55.6176, 0.3363, 0.3245

Deuteranomaly

56.0709, 0.3554, 0.3314

Tritanomaly

55.9415, 0.3726, 0.3166

Monochromacy



Original Color

55.8558, 0.3745, 0.3187

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.0569, 0.3334, 0.3245

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.8558, 0.3745, 0.3187 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, 186)` looks like.

```
.text, #text, p{  
    color:rgb(255, 176, 186)  
}
```

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, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 176, 186) }
```

Border

The CSS property to change the border of an element to Yxy 55.8558, 0.3745, 0.3187 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, 186) }
```

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

```
.border{ border-color:rgb(255, 176, 186) }
```

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, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 176, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 176, 186);  
box-shadow:4px 4px 4px 4px rgb(255, 176,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 55.8558, 0.3745, 0.3187 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, 186) }
```

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

```
.background{ background-color: rgb(255,  
176, 186) }
```

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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