

Converting Colors

$Y_{xy}(55.8471, 0.3734, 0.3172)$

Have a look what the booklet for
Yxy(55.8471, 0.3734, 0.3172)
contains.

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Color

Yxy(55.8985, 0.3736, 0.3177)

Conversions

Conversions Part 1

Format	Color
Hex	FFB0BB
RGB	255, 176, 187
RGB Percent	100%, 69%, 73%
CMY	0.0000, 0.3098, 0.2668
CMYK	0.00, 0.31, 0.27, 0.00
HSL	352°, 100%, 85%
HSV	352°, 31%, 100%
XYZ	65.7340, 55.8985, 54.3150
YIQ	200.8750, 43.5530, 20.1690

Conversions

Conversions Part 2

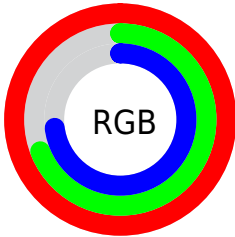
Format	Color
R _Y B	255, 176, 187
Decimal	16756923
CIE Lab	79.56, 30.29, 6.13
CIE LCh	80, 30.903, 11.450
Yxy	55.8985, 0.3736, 0.3177
Android (android.graphics.Color)	4294947003 (0xFFFFB0BB)
YUV	200.8750, -6.8404, 47.4676
Hunter-Lab	74.7653, 26.0987, 9.2631

Details

The Yxy color **55.8985, 0.3736, 0.3177** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.2854, 0.2734, 0.3409**, and the grayscale version is **58.3487, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.4443, 0.3214, 0.3183**, and **27.7575, 0.3899, 0.3145** is the 20% darker color. If you saturate the color by 10%, you get **45.9511, 0.4033, 0.3140**, and if you desaturate by 10%, it is **67.8694, 0.3493, 0.3215**.

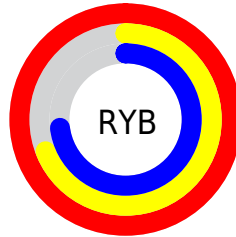
Distribution



Red (100%)

Green (69%)

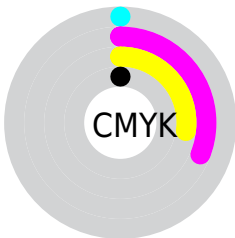
Blue (73%)



Red (100%)

Yellow (69%)

Blue (73%)

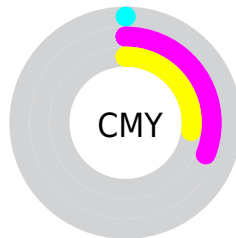


Cyan (0%)

Magenta (31%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.8985, 0.3736, 0.3177 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 55.8985, 0.3736, 0.3177 by changing the saturation by 10% instead.


 55.8985, 0.3736,
0.3177

 55.8985, 0.3736,
0.3177


409.3089, 0.3439,
0.3236

 40.1216, 0.3808,
0.3162


 98.8562, 0.3630,
0.3199

 27.6333, 0.3899,
0.3141


126.8057, 0.3589,
0.3207

 18.0494, 0.4018,
0.3114


159.5815, 0.3555,
0.3214

 10.9855, 0.4179,
0.3076

197.5680, 0.3525,
0.3220

 6.0571, 0.4409,
0.3017

241.1496, 0.3499,
0.3225

 2.8798, 0.4765,
0.2919

290.7107, 0.3477,

 1.0693, 0.5403,

0.3229

0.2743

346.6356, 0.3457,
0.3233

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.8985, 0.3736,
0.3177

55.8985, 0.3736,
0.3177

45.9511, 0.4033,
0.3140

67.8694, 0.3493,
0.3215

37.9129, 0.4390,
0.3109

81.9648, 0.3298,
0.3252

31.6620, 0.4801,
0.3089

98.2817, 0.3141,
0.3287

27.0612, 0.5243,
0.3088

100.0000, 0.3127,
0.3290

■ 23.9533, 0.5672,
0.3111

■ 22.1505, 0.6028,
0.3161

■ 21.3835, 0.6249,
0.3216

Harmonies

Analogous

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



55.8985, 0.3372, 0.2887



55.8985, 0.3736, 0.3177



55.8985, 0.3928, 0.3507

Triad

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



55.8985, 0.3736, 0.3177



55.8985, 0.3254, 0.3989



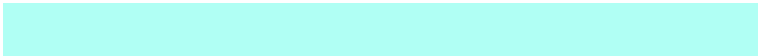
55.8985, 0.2413, 0.2730

Complementary

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



55.8985, 0.3736, 0.3177



87.2854, 0.2734, 0.3409

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.



55.8985, 0.2388, 0.2989



55.8985, 0.3736, 0.3177



55.8985, 0.2856, 0.3749

Square

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



55.8985, 0.3736, 0.3177



55.8985, 0.3634, 0.3999



55.8985, 0.2544, 0.3366



55.8985, 0.2615, 0.2632

Rectangle

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



55.8985, 0.3736, 0.3177



55.8985, 0.3926, 0.3716



55.8985, 0.2544, 0.3366



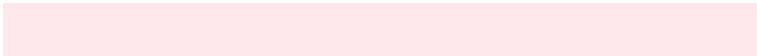
55.8985, 0.2384, 0.2799

Sweetspot

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



55.8993, 0.3736, 0.3177



85.0130, 0.3264, 0.3259



57.3547, 0.3070, 0.2495



17.7145, 0.3289, 0.3254



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.



55.8993, 0.3736, 0.3177



49.6731, 0.3908, 0.3155



67.4163, 0.3747, 0.3579



18.0281, 0.3272, 0.3257



11.1857, 0.6221, 0.3201



1.1010, 0.5961, 0.3058

Inverse Universe

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



55.8993, 0.3736, 0.3177



49.6731, 0.3908, 0.3155



71.5819, 0.2645, 0.2980



18.0281, 0.3272, 0.3257



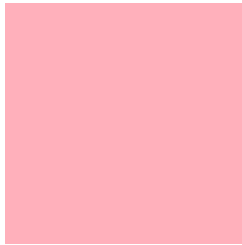
11.1857, 0.6221, 0.3201



1.1010, 0.5961, 0.3058

Previews

White Background



This preview shows how the Yxy color 55.8985, 0.3736, 0.3177 looks on a white background.

Color Contrast Check

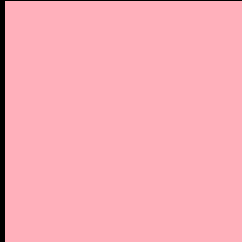
Large Text (above 18pt) WCAG AA × Fail

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 55.8985, 0.3736, 0.3177 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 55.8985, 0.3736, 0.3177

Background



This preview shows how black text looks on a background with the Yxy color 55.8985, 0.3736, 0.3177.



This preview shows how white text looks on a background with the Yxy color 55.8985, 0.3736, 0.3177.

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

55.8985, 0.3736, 0.3177

Protanopia

56.4272, 0.3151, 0.3278

Deuteranopia

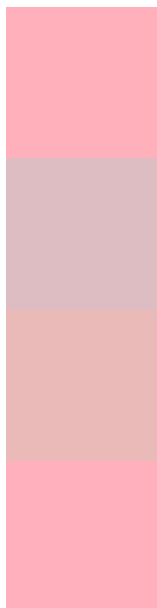
56.2519, 0.3441, 0.3372



Tritanopia

55.9848, 0.3717, 0.3156

Trichromacy



Original Color

55.8985, 0.3736, 0.3177

Protanomaly

55.6624, 0.3355, 0.3233

Deuteranomaly

56.1130, 0.3546, 0.3302

Tritanomaly

55.9415, 0.3726, 0.3166

Monochromacy



Original Color

55.8985, 0.3736, 0.3177

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 55.8985, 0.3736, 0.3177 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, 187)` looks like.

```
.text, #text, p{  
    color:rgb(255, 176, 187)  
}
```

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, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 176, 187) }
```

Border

The CSS property to change the border of an element to Yxy 55.8985, 0.3736, 0.3177 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, 187) }
```

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

```
.border{ border-color:rgb(255, 176, 187) }
```

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, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 176, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 176, 187);  
box-shadow:4px 4px 4px 4px rgb(255, 176,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 55.8985, 0.3736, 0.3177 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, 187) }
```

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

```
.background{ background-color: rgb(255,  
176, 187) }
```

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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