

Converting Colors

Yxy(54.9935, 0.3755, 0.3169)

Have a look what the booklet for
Yxy(54.9935, 0.3755, 0.3169)
contains.

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Color

Yxy(55.0773, 0.3750, 0.3166)

Conversions

Conversions Part 1

Format	Color
Hex	FFAEBA
RGB	255, 174, 186
RGB Percent	100%, 68%, 73%
CMY	0.0000, 0.3176, 0.2706
CMYK	0.00, 0.32, 0.27, 0.00
HSL	351°, 100%, 84%
HSV	351°, 32%, 100%
XYZ	65.2369, 55.0773, 53.6508
YIQ	199.5870, 44.4240, 20.9040

Conversions

Conversions Part 2

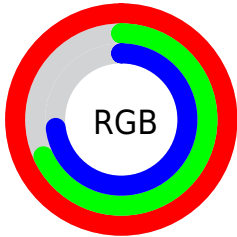
Format	Color
R _Y B	255, 174, 186
Decimal	16756410
CIE Lab	79.09, 31.20, 5.97
CIE LCh	79, 31.765, 10.839
Yxy	55.0773, 0.3750, 0.3166
Android (android.graphics.Color)	4294946490 (0xFFFFAEBA)
YUV	199.5870, -6.6984, 48.5972
Hunter-Lab	74.2141, 27.0333, 9.0880

Details

The Yxy color **55.0773, 0.3750, 0.3166** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **86.9844, 0.2729, 0.3421**, and the grayscale version is **57.5150, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.2644, 0.3222, 0.3173**, and **27.2385, 0.3920, 0.3131** is the 20% darker color. If you saturate the color by 10%, you get **45.2896, 0.4048, 0.3127**, and if you desaturate by 10%, it is **66.8807, 0.3506, 0.3207**.

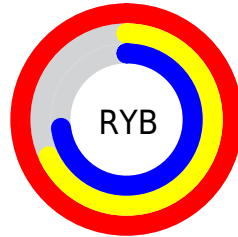
Distribution



Red (100%)

Green (68%)

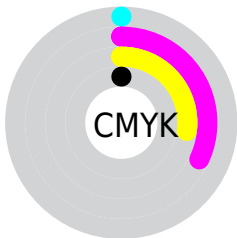
Blue (73%)



Red (100%)

Yellow (68%)

Blue (73%)

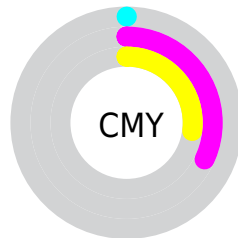


Cyan (0%)

Magenta (32%)

Yellow (27%)

Black (0%)



Cyan (0%)

Magenta (32%)

Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.0773, 0.3750, 0.3166 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 55.0773, 0.3750, 0.3166 by changing the saturation by 10% instead.


 55.0773, 0.3750,
0.3166

 55.0773, 0.3750,
0.3166


406.2049, 0.3445,
0.3231

 39.4636, 0.3824,
0.3149

 97.6542, 0.3641,
0.3190

 27.1206, 0.3918,
0.3127


125.3862, 0.3599,
0.3199

 17.6638, 0.4040,
0.3098


157.9264, 0.3564,
0.3206

 10.7089, 0.4206,
0.3056

195.6593, 0.3534,
0.3213

 5.8714, 0.4445,
0.2992

238.9692, 0.3507,
0.3218

 2.7671, 0.4814,
0.2886

288.2405, 0.3484,

 1.0114, 0.5491,

0.3223

0.2700

343.8576, 0.3464,
0.3227

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.0773, 0.3750,
0.3166

55.0773, 0.3750,
0.3166

45.2896, 0.4048,
0.3127

66.8807, 0.3506,
0.3207

37.3972, 0.4405,
0.3094

80.7957, 0.3310,
0.3246

31.2794, 0.4815,
0.3073

96.9213, 0.3152,
0.3284

26.7980, 0.5254,
0.3073

99.9982, 0.3127,
0.3290

■ 23.7942, 0.5677,
0.3099

■ 22.0775, 0.6028,
0.3153

■ 21.3967, 0.6231,
0.3206

Harmonies

Analogous

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



55.0773, 0.3371, 0.2869



55.0773, 0.3750, 0.3166



55.0773, 0.3953, 0.3505

Triad

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



55.0773, 0.3750, 0.3166



55.0773, 0.3266, 0.4016



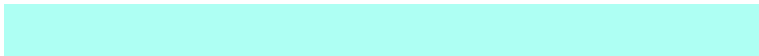
55.0773, 0.2389, 0.2716

Complementary

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



55.0773, 0.3750, 0.3166



86.9844, 0.2729, 0.3421

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.



55.0773, 0.2367, 0.2985



55.0773, 0.3750, 0.3166



55.0773, 0.2855, 0.3773

Square

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



55.0773, 0.3750, 0.3166



55.0773, 0.3656, 0.4020



55.0773, 0.2531, 0.3376



55.0773, 0.2592, 0.2612

Rectangle

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



55.0773, 0.3750, 0.3166



55.0773, 0.3954, 0.3722



55.0773, 0.2531, 0.3376



55.0773, 0.2361, 0.2788

Sweetspot

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



55.0799, 0.3750, 0.3166



83.4748, 0.3279, 0.3253



56.5224, 0.3069, 0.2474



17.4086, 0.3303, 0.3248



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.



55.0799, 0.3750, 0.3166



48.7440, 0.3929, 0.3141



66.7218, 0.3767, 0.3586



18.0309, 0.3271, 0.3255



11.1943, 0.6202, 0.3190



1.1023, 0.5934, 0.3043

Inverse Universe

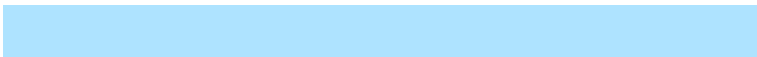
The Inverse Universe completely reimagines the original color for something new.



55.0799, 0.3750, 0.3166



48.7440, 0.3929, 0.3141



70.9648, 0.2633, 0.2971



18.0309, 0.3271, 0.3255



11.1943, 0.6202, 0.3190



1.1023, 0.5934, 0.3043

Previews

White Background



This preview shows how the Yxy color 55.0773, 0.3750, 0.3166 looks on a white background.

Color Contrast Check

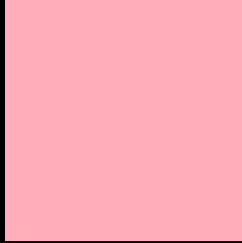
Large Text (above 18pt) WCAG AA × Fail

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 55.0773, 0.3750, 0.3166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

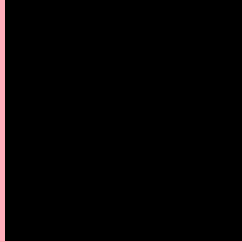
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.0773, 0.3750, 0.3166

Background



This preview shows how black text looks on a background with the Yxy color 55.0773, 0.3750, 0.3166.

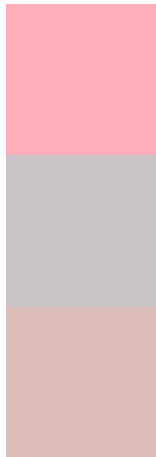


This preview shows how white text looks on a background with the Yxy color 55.0773, 0.3750, 0.3166.

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

55.0773, 0.3750, 0.3166

Protanopia

55.2495, 0.3137, 0.3254

Deuteranopia

55.0297, 0.3436, 0.3361



Tritanopia

55.1200, 0.3741, 0.3156

Trichromacy



Original Color

55.0773, 0.3750, 0.3166



Protanomaly

54.4958, 0.3341, 0.3210



Deuteranomaly

55.0653, 0.3550, 0.3291



Tritanomaly

55.1200, 0.3741, 0.3156

Monochromacy



Original Color

55.0773, 0.3750, 0.3166



Achromatopsia

57.7580, 0.3127, 0.3290



Achromatomaly

56.4174, 0.3335, 0.3245

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.0773, 0.3750, 0.3166 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, 174, 186)` looks like.

```
.text, #text, p{  
    color:rgb(255, 174, 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, 174, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 174, 186) }
```

Border

The CSS property to change the border of an element to Yxy 55.0773, 0.3750, 0.3166 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, 174, 186) }
```

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

```
.border{ border-color:rgb(255, 174, 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, 174, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 174, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 174, 186);  
box-shadow:4px 4px 4px 4px rgb(255, 174,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 55.0773, 0.3750, 0.3166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 174, 186) }
```

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

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