

Converting Colors

$Y_{xy}(70.6316, 0.4215, 0.3123)$

Have a look what the booklet for
Yxy(70.6316, 0.4215, 0.3123)
contains.

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Color

Yxy(55.8601, 0.3666, 0.3083)

Conversions

Conversions Part 1

Format	Color
Hex	FFAFC3
RGB	255, 175, 195
RGB Percent	100%, 69%, 76%
CMY	0.0000, 0.3137, 0.2353
CMYK	0.00, 0.31, 0.24, 0.00
HSL	345°, 100%, 84%
HSV	345°, 31%, 100%
XYZ	66.4233, 55.8601, 58.9040
YIQ	201.2000, 41.2600, 23.1800

Conversions

Conversions Part 2

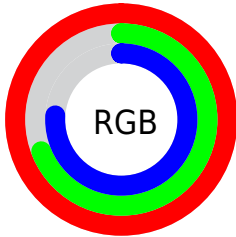
Format	Color
R_{YB}	255, 175, 195
Decimal	16756675
CIE _{Lab}	79.53, 31.92, 1.75
CIE _{LCh}	80, 31.971, 3.138
Yxy	55.8601, 0.3666, 0.3083
Android (android.graphics.Color)	4294946755 (0xFFFFAFC3)
YUV	201.2000, -3.0566, 47.1826
Hunter-Lab	74.7396, 27.8440, 5.5899

Details

The Yxy color **55.8601, 0.3666, 0.3083** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **86.6328, 0.2773, 0.3510**, and the grayscale version is **58.5378, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.3769, 0.3163, 0.3096**, and **27.7125, 0.3814, 0.3038** is the 20% darker color. If you saturate the color by 10%, you get **46.0427, 0.3923, 0.3016**, and if you desaturate by 10%, it is **67.6619, 0.3455, 0.3152**.

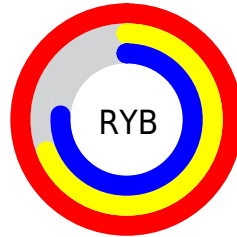
Distribution



Red (100%)

Green (69%)

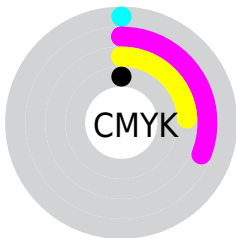
Blue (76%)



Red (100%)

Yellow (69%)

Blue (76%)

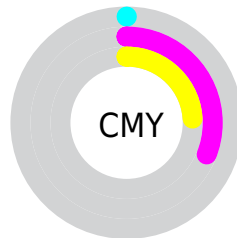


Cyan (0%)

Magenta (31%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (31%)

Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.8601, 0.3666, 0.3083 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 55.8601, 0.3666, 0.3083 by changing the saturation by 10% instead.

 55.8601, 0.3666,
0.3083

 55.8601, 0.3666,
0.3083


409.1641, 0.3404,
0.3185

 40.0908, 0.3729,
0.3058


 98.8000, 0.3573,
0.3120

 27.6093, 0.3809,
0.3027


126.7394, 0.3537,
0.3133

 18.0314, 0.3913,
0.2986


159.5042, 0.3507,
0.3145

 10.9725, 0.4053,
0.2929

197.4789, 0.3481,
0.3155

 6.0484, 0.4254,
0.2848

241.0478, 0.3458,
0.3164

 2.8745, 0.4563,
0.2721

290.5954, 0.3438,

 1.0666, 0.5096,

0.3172

0.2497

346.5060, 0.3420,
0.3179

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.8601, 0.3666,
0.3083

55.8601, 0.3666,
0.3083

46.0427, 0.3923,
0.3016

67.6619, 0.3455,
0.3152

38.1006, 0.4230,
0.2956

81.5503, 0.3283,
0.3219

31.9129, 0.4584,
0.2914

97.6196, 0.3144,
0.3282

27.3445, 0.4973,
0.2898

100.0000, 0.3127,
0.3290

■ 24.2408, 0.5366,
0.2920

■ 22.4163, 0.5724,
0.2985

■ 21.6269, 0.5976,
0.3066

Harmonies

Analogous

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



55.8601, 0.3261, 0.2807



55.8601, 0.3666, 0.3083



55.8601, 0.3924, 0.3418

Triad

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



55.8601, 0.3666, 0.3083



55.8601, 0.3373, 0.4042



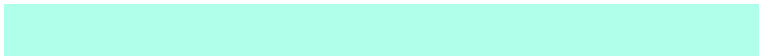
55.8601, 0.2364, 0.2769

Complementary

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



55.8601, 0.3666, 0.3083



86.6328, 0.2773, 0.3510

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.



55.8601, 0.2390, 0.3077



55.8601, 0.3666, 0.3083



55.8601, 0.2955, 0.3856

Square

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



55.8601, 0.3666, 0.3083



55.8601, 0.3740, 0.3986



55.8601, 0.2600, 0.3484



55.8601, 0.2523, 0.2621

Rectangle

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



55.8601, 0.3666, 0.3083



55.8601, 0.3968, 0.3642



55.8601, 0.2600, 0.3484



55.8601, 0.2352, 0.2855

Sweetspot

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



55.8598, 0.3666, 0.3083



85.1618, 0.3247, 0.3234



55.5423, 0.3007, 0.2469



17.7509, 0.3269, 0.3225



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.



55.8598, 0.3666, 0.3083



49.1382, 0.3831, 0.3038



63.3856, 0.3783, 0.3501



18.0615, 0.3255, 0.3231



11.3205, 0.5936, 0.3044



1.1188, 0.5621, 0.2870

Inverse Universe

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



55.8598, 0.3666, 0.3083



49.1382, 0.3831, 0.3038



75.7508, 0.2650, 0.3067



18.0615, 0.3255, 0.3231



11.3205, 0.5936, 0.3044



1.1188, 0.5621, 0.2870

Previews

White Background



This preview shows how the Yxy color 55.8601, 0.3666, 0.3083 looks on a white background.

Color Contrast Check

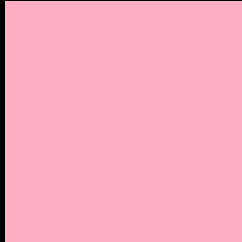
Large Text (above 18pt) WCAG AA × Fail

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 55.8601, 0.3666, 0.3083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

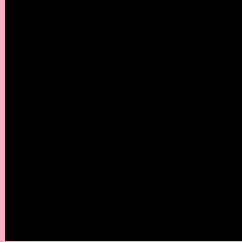
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.8601, 0.3666, 0.3083

Background



This preview shows how black text looks on a background with the Yxy color 55.8601, 0.3666, 0.3083.

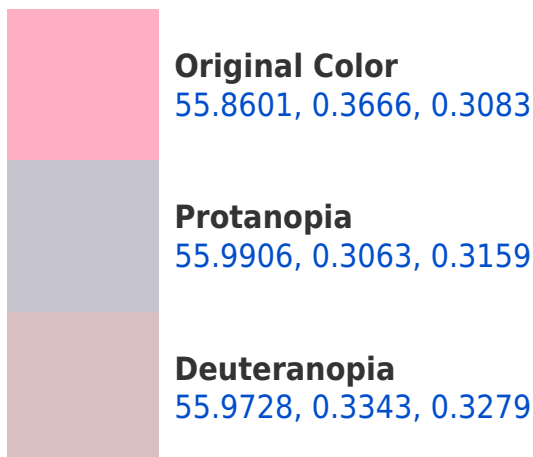


This preview shows how white text looks on a background with the Yxy color 55.8601, 0.3666, 0.3083.

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





Tritanopia

55.7956, 0.3709, 0.3155

Trichromacy



Original Color

55.8601, 0.3666, 0.3083



Protanomaly

55.3383, 0.3267, 0.3119



Deuteranomaly

55.5371, 0.3455, 0.3201



Tritanomaly

55.8831, 0.3691, 0.3134

Monochromacy



Original Color

55.8601, 0.3666, 0.3083



Achromatopsia

58.4078, 0.3127, 0.3290



Achromatomaly

57.1949, 0.3311, 0.3211

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.8601, 0.3666, 0.3083 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, 195)` looks like.

```
.text, #text, p{  
    color:rgb(255, 175, 195)  
}
```

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, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 175, 195) }
```

Border

The CSS property to change the border of an element to Yxy 55.8601, 0.3666, 0.3083 is called "border". The border property can be set on classes, ids or directly on the HTML element.

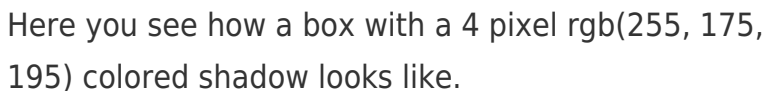
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 175, 195) }
```

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

```
.border{ border-color:rgb(255, 175, 195) }
```

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, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 175, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 175, 195);  
box-shadow:4px 4px 4px 4px rgb(255, 175,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 55.8601, 0.3666, 0.3083 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, 195) }
```

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

```
.background{ background-color: rgb(255,  
175, 195) }
```

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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