

Converting Colors

$Yxy(57.6990, 0.3777, 0.3085)$

Have a look what the booklet for
Yxy(57.6990, 0.3777, 0.3085)
contains.

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Color

Yxy(55.4271, 0.3677, 0.3083)

Conversions

Conversions Part 1

Format	Color
Hex	FFAEC2
RGB	255, 174, 194
RGB Percent	100%, 68%, 76%
CMY	0.0001, 0.3176, 0.2392
CMYK	0.00, 0.32, 0.24, 0.00
HSL	345°, 100%, 84%
HSV	345°, 32%, 100%
XYZ	66.1062, 55.4271, 58.2497
YIQ	200.4990, 41.8560, 23.3920

Conversions

Conversions Part 2

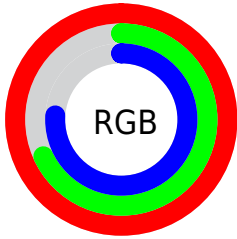
Format	Color
R _Y B	255, 174, 194
Decimal	16756418
CIE Lab	79.29, 32.28, 1.93
CIE LCh	79, 32.340, 3.420
Yxy	55.4271, 0.3677, 0.3083
Android (android.graphics.Color)	4294946498 (0xFFFFAEC2)
YUV	200.4990, -3.2040, 47.7974
Hunter-Lab	74.4494, 28.2100, 5.7257

Details

The Yxy color **55.4271, 0.3677, 0.3083** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **86.5032, 0.2768, 0.3511**, and the grayscale version is **58.0847, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.7558, 0.3170, 0.3096**, and **27.4681, 0.3818, 0.3025** is the 20% darker color. If you saturate the color by 10%, you get **45.6861, 0.3937, 0.3017**, and if you desaturate by 10%, it is **67.1547, 0.3463, 0.3151**.

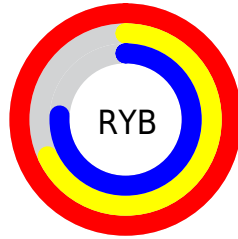
Distribution



Red (100%)

Green (68%)

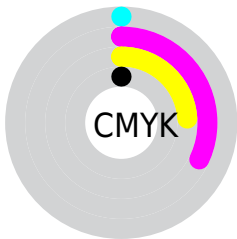
Blue (76%)



Red (100%)

Yellow (68%)

Blue (76%)

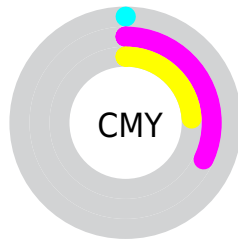


Cyan (0%)

Magenta (32%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (32%)

Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.4271, 0.3677, 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 55.4271, 0.3677, 0.3083 by changing the saturation by 10% instead.

 55.4271, 0.3677,
0.3083

 55.4271, 0.3677,
0.3083


407.5289, 0.3409,
0.3185

 39.7438, 0.3742,
0.3058


 98.1664, 0.3581,
0.3120

 27.3388, 0.3823,
0.3026


125.9912, 0.3545,
0.3134

 17.8279, 0.3930,
0.2985


158.6320, 0.3514,
0.3145

 10.8265, 0.4074,
0.2928

196.4731, 0.3487,
0.3156

 5.9503, 0.4280,
0.2845

239.8990, 0.3464,
0.3164

 2.8149, 0.4599,
0.2716

289.2939, 0.3444,

 1.0359, 0.5148,

0.3172

0.2487

345.0424, 0.3426,
0.3179

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.4271, 0.3677,
0.3083

■ 55.4271, 0.3677,
0.3083

■ 45.6861, 0.3937,
0.3017

■ 67.1547, 0.3463,
0.3151

■ 37.8134, 0.4247,
0.2959

■ 80.9629, 0.3290,
0.3217

■ 31.6907, 0.4605,
0.2917

■ 96.9489, 0.3149,
0.3280

■ 27.1822, 0.4996,
0.2904

■ 99.9953, 0.3127,
0.3290

■ 24.1323, 0.5390,
0.2928

■ 22.3539, 0.5746,
0.2994

■ 21.6132, 0.5985,
0.3071

Harmonies

Analogous

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



55.4271, 0.3267, 0.2802



55.4271, 0.3677, 0.3083



55.4271, 0.3937, 0.3422

Triad

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



55.4271, 0.3677, 0.3083



55.4271, 0.3372, 0.4053



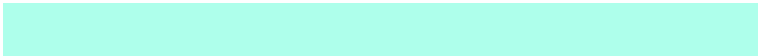
55.4271, 0.2355, 0.2759

Complementary

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



55.4271, 0.3677, 0.3083



86.5032, 0.2768, 0.3511

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.



55.4271, 0.2379, 0.3069



55.4271, 0.3677, 0.3083



55.4271, 0.2949, 0.3862

Square

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



55.4271, 0.3677, 0.3083



55.4271, 0.3746, 0.3997



55.4271, 0.2590, 0.3483



55.4271, 0.2517, 0.2612

Rectangle

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



55.4271, 0.3677, 0.3083



55.4271, 0.3980, 0.3649



55.4271, 0.2590, 0.3483



55.4271, 0.2342, 0.2846

Sweetspot

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



55.4297, 0.3677, 0.3083



83.6198, 0.3263, 0.3228



55.1153, 0.3005, 0.2459



17.4434, 0.3284, 0.3219



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.



55.4297, 0.3677, 0.3083



49.1257, 0.3834, 0.3041



63.0107, 0.3793, 0.3503



18.0606, 0.3255, 0.3232



11.3156, 0.5946, 0.3049



1.1182, 0.5632, 0.2876

Inverse Universe

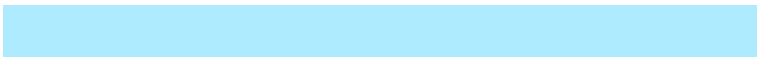
The Inverse Universe completely reimagines the original color for something new.



55.4297, 0.3677, 0.3083



49.1257, 0.3834, 0.3041



75.4851, 0.2644, 0.3064



18.0606, 0.3255, 0.3232



11.3156, 0.5946, 0.3049



1.1182, 0.5632, 0.2876

Previews

White Background



This preview shows how the Yxy color 55.4271, 0.3677, 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 55.4271, 0.3677, 0.3083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

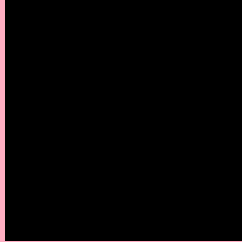
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.4271, 0.3677, 0.3083

Background



This preview shows how black text looks on a background with the Yxy color 55.4271, 0.3677, 0.3083.



This preview shows how white text looks on a background with the Yxy color 55.4271, 0.3677, 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



Original Color

55.4271, 0.3677, 0.3083

Protanopia

55.8552, 0.3055, 0.3158

Deuteranopia

55.4939, 0.3352, 0.3279



Tritanopia

55.3616, 0.3720, 0.3155

Trichromacy



Original Color

55.4271, 0.3677, 0.3083



Protanomaly

55.1361, 0.3267, 0.3130



Deuteranomaly

55.0757, 0.3465, 0.3201



Tritanomaly

55.4485, 0.3702, 0.3134

Monochromacy



Original Color

55.4271, 0.3677, 0.3083



Achromatopsia

58.4078, 0.3127, 0.3290



Achromatomaly

56.7110, 0.3320, 0.3211

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.4271, 0.3677, 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, 174, 194)` looks like.

```
.text, #text, p{  
    color:rgb(255, 174, 194)  
}
```

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, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 174, 194) }
```

Border

The CSS property to change the border of an element to Yxy 55.4271, 0.3677, 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, 174, 194) }
```

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

```
.border{ border-color:rgb(255, 174, 194) }
```

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, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 174, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 174, 194);  
box-shadow:4px 4px 4px 4px rgb(255, 174,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 55.4271, 0.3677, 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, 174, 194) }
```

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

```
.background{ background-color: rgb(255,  
174, 194) }
```

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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