

Converting Colors

$Yxy(64.7996, 0.3973, 0.3051)$

Have a look what the booklet for
Yxy(64.7996, 0.3973, 0.3051)
contains.

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Color

Yxy(55.7491, 0.3614, 0.3011)

Conversions

Conversions Part 1

Format	Color
Hex	FFAEC9
RGB	255, 174, 201
RGB Percent	100%, 68%, 79%
CMY	0.0001, 0.3176, 0.2118
CMYK	0.00, 0.32, 0.21, 0.00
HSL	340°, 100%, 84%
HSV	340°, 32%, 100%
XYZ	66.9137, 55.7491, 62.4886
YIQ	201.2970, 39.6090, 25.5690

Conversions

Conversions Part 2

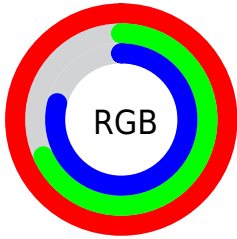
Format	Color
R _Y B	255, 174, 201
Decimal	16756425
CIE Lab	79.47, 33.29, -1.60
CIE LCh	79, 33.324, 357.248
Yxy	55.7491, 0.3614, 0.3011
Android (android.graphics.Color)	4294946505 (0xFFFFAEC9)
YUV	201.2970, -0.1464, 47.0975
Hunter-Lab	74.6653, 29.3042, 2.6450

Details

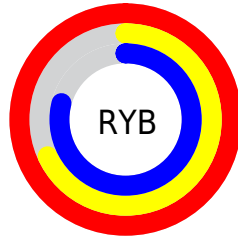
The Yxy color **55.7491, 0.3614, 0.3011** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **86.1122, 0.2803, 0.3591**, and the grayscale version is **58.5863, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.0736, 0.3138, 0.3048**, and **27.6516, 0.3742, 0.2946** is the 20% darker color. If you saturate the color by 10%, you get **46.0596, 0.3841, 0.2921**, and if you desaturate by 10%, it is **67.4023, 0.3426, 0.3103**.

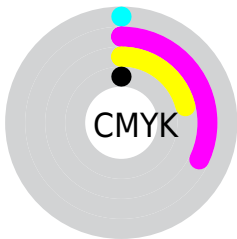
Distribution



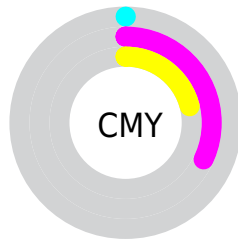
- Red (100%)
- Green (68%)
- Blue (79%)



- Red (100%)
- Yellow (68%)
- Blue (79%)



- Cyan (0%)
- Magenta (32%)
- Yellow (21%)
- Black (0%)




- Cyan (0%)
- Magenta (32%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.7491, 0.3614, 0.3011 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 55.7491, 0.3614, 0.3011 by changing the saturation by 10% instead.


 55.7491, 0.3614,
0.3011

 55.7491, 0.3614,
0.3011


408.7453, 0.3379,
0.3145

 40.0018, 0.3670,
0.2979


 98.6376, 0.3530,
0.3059

 27.5399, 0.3742,
0.2939


126.5477, 0.3498,
0.3077

 17.9792, 0.3834,
0.2887


159.2807, 0.3471,
0.3092

 10.9350, 0.3959,
0.2817

197.2212, 0.3447,
0.3106

 6.0232, 0.4137,
0.2719

240.7535, 0.3427,
0.3118

 2.8592, 0.4409,
0.2569

290.2620, 0.3409,

 1.0587, 0.4874,

0.3128

0.2317

346.1311, 0.3393,
0.3137

0.0000, 0.9403,
0.0000

0.0000, 0.0000,
0.0000

55.7491, 0.3614,
0.3011

55.7491, 0.3614,
0.3011

46.0596, 0.3841,
0.2921

67.4023, 0.3426,
0.3103

38.2171, 0.4110,
0.2841

81.1119, 0.3272,
0.3192

32.1044, 0.4420,
0.2779

96.9741, 0.3147,
0.3276

27.5876, 0.4761,
0.2749

99.9971, 0.3127,
0.3290

■ 24.5128, 0.5113,
0.2762

■ 22.6948, 0.5447,
0.2825

■ 21.9124, 0.5690,
0.2908

Harmonies

Analogous

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



55.7491, 0.3177, 0.2743



55.7491, 0.3614, 0.3011



55.7491, 0.3924, 0.3351

Triad

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



55.7491, 0.3614, 0.3011



55.7491, 0.3465, 0.4083



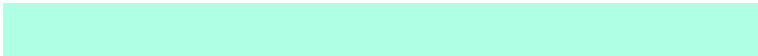
55.7491, 0.2324, 0.2796

Complementary

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



55.7491, 0.3614, 0.3011



86.1122, 0.2803, 0.3591

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.



55.7491, 0.2389, 0.3145



55.7491, 0.3614, 0.3011



55.7491, 0.3031, 0.3940

Square

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



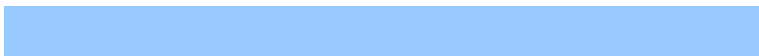
55.7491, 0.3614, 0.3011



55.7491, 0.3824, 0.3977



55.7491, 0.2640, 0.3577



55.7491, 0.2452, 0.2610

Rectangle

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



55.7491, 0.3614, 0.3011



55.7491, 0.4003, 0.3587



55.7491, 0.2640, 0.3577



55.7491, 0.2324, 0.2897

Sweetspot

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



55.7517, 0.3614, 0.3011



83.7486, 0.3248, 0.3207



53.9899, 0.2953, 0.2446



17.4744, 0.3267, 0.3195



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.



55.7517, 0.3614, 0.3011



49.4826, 0.3751, 0.2955



60.0710, 0.3816, 0.3434



18.0869, 0.3242, 0.3211



11.4759, 0.5647, 0.2885



1.1367, 0.5329, 0.2709

Inverse Universe

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



55.7517, 0.3614, 0.3011



49.4826, 0.3751, 0.2955



79.4203, 0.2653, 0.3140



18.0869, 0.3242, 0.3211



11.4759, 0.5647, 0.2885



1.1367, 0.5329, 0.2709

Previews

White Background



This preview shows how the Yxy color 55.7491, 0.3614, 0.3011 looks on a white background.

Color Contrast Check

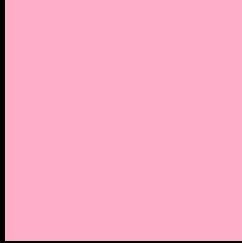
Large Text (above 18pt) WCAG AA × Fail

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 55.7491, 0.3614, 0.3011 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

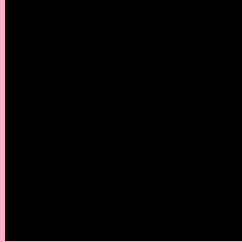
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.7491, 0.3614, 0.3011

Background



This preview shows how black text looks on a background with the Yxy color 55.7491, 0.3614, 0.3011.



This preview shows how white text looks on a background with the Yxy color 55.7491, 0.3614, 0.3011.

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

55.7491, 0.3614, 0.3011

Protanopia

56.0707, 0.2998, 0.3076

Deuteranopia

55.9378, 0.3279, 0.3209



Tritanopia

55.7956, 0.3709, 0.3155

Trichromacy



Original Color

55.7491, 0.3614, 0.3011



Protanomaly

55.3216, 0.3204, 0.3050



Deuteranomaly

55.6444, 0.3396, 0.3134



Tritanomaly

55.5810, 0.3675, 0.3103

Monochromacy



Original Color

55.7491, 0.3614, 0.3011



Achromatopsia

58.4078, 0.3127, 0.3290



Achromatomaly

56.8508, 0.3296, 0.3177

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.7491, 0.3614, 0.3011 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, 201)` looks like.

```
.text, #text, p{  
    color:rgb(255, 174, 201)  
}
```

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, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 174, 201) }
```

Border

The CSS property to change the border of an element to Yxy 55.7491, 0.3614, 0.3011 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, 201) }
```

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

```
.border{ border-color:rgb(255, 174, 201) }
```

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, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 174, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 174, 201);  
box-shadow:4px 4px 4px 4px rgb(255, 174,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 55.7491, 0.3614, 0.3011 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, 201) }
```

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

```
.background{ background-color: rgb(255,  
174, 201) }
```

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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