

Converting Colors

Yxy(54.2094, 0.3626, 0.2973)

Have a look what the booklet for
Yxy(54.2094, 0.3626, 0.2973)
contains.

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Color

Yxy(54.2265, 0.3623, 0.2969)

Conversions

Conversions Part 1

Format	Color
Hex	FFAAC9
RGB	255, 170, 201
RGB Percent	100%, 67%, 79%
CMY	0.0000, 0.3334, 0.2117
CMYK	0.00, 0.33, 0.21, 0.00
HSL	338°, 100%, 83%
HSV	338°, 33%, 100%
XYZ	66.1713, 54.2265, 62.2445
YIQ	198.9490, 40.7090, 27.6610

Conversions

Conversions Part 2

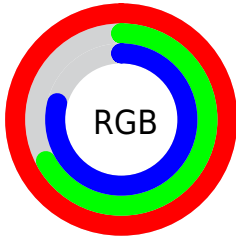
Format	Color
R _Y B	255, 170, 201
Decimal	16755401
CIE Lab	78.59, 35.42, -2.90
CIE LCh	79, 35.533, 355.326
Yxy	54.2265, 0.3623, 0.2969
Android (android.graphics.Color)	4294945481 (0xFFFFAAC9)
YUV	198.9490, 1.0111, 49.1567
Hunter-Lab	73.6386, 31.5316, 1.4310

Details

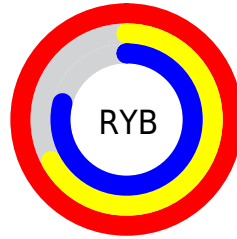
The Yxy color **54.2265, 0.3623, 0.2969** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **85.4440, 0.2802, 0.3640**, and the grayscale version is **57.0483, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.8727, 0.3140, 0.3009**, and **26.6995, 0.3755, 0.2893** is the 20% darker color. If you saturate the color by 10%, you get **44.8477, 0.3844, 0.2872**, and if you desaturate by 10%, it is **65.5266, 0.3439, 0.3069**.

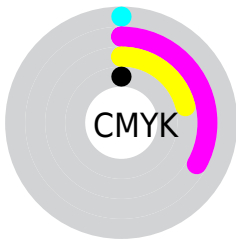
Distribution



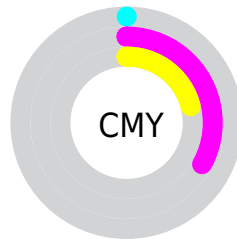
- Red (100%)
- Green (67%)
- Blue (79%)



- Red (100%)
- Yellow (67%)
- Blue (79%)



- Cyan (0%)
- Magenta (33%)
- Yellow (21%)
- Black (0%)




- Cyan (0%)
- Magenta (33%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.2265, 0.3623, 0.2969 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 54.2265, 0.3623, 0.2969 by changing the saturation by 10% instead.


 54.2265, 0.3623,
0.2969

 54.2265, 0.3623,
0.2969


402.9731, 0.3383,
0.3123

 38.7828, 0.3681,
0.2932

 96.4067, 0.3537,
0.3024

 26.5908, 0.3754,
0.2886


123.9120, 0.3505,
0.3044

 17.2661, 0.3848,
0.2827


156.2066, 0.3477,
0.3062

 10.4244, 0.3977,
0.2747

193.6749, 0.3453,
0.3078

 5.6813, 0.4159,
0.2635

236.7014, 0.3432,
0.3091

 2.6522, 0.4440,
0.2465

285.6703, 0.3414,

 0.9530, 0.4923,

0.3103

0.2181

340.9661, 0.3397,
0.3114

0.0000, 0.9561,
0.0000

0.0000, 0.0000,
0.0000

54.2265, 0.3623,
0.2969

54.2265, 0.3623,
0.2969

44.8477, 0.3844,
0.2872

65.5266, 0.3439,
0.3069

37.2997, 0.4104,
0.2785

78.8688, 0.3287,
0.3167

31.4547, 0.4402,
0.2720

94.3410, 0.3163,
0.3260

27.1764, 0.4727,
0.2689

100.0000, 0.3127,
0.3290

■ 24.3075, 0.5061,
0.2705

■ 22.6569, 0.5377,
0.2773

■ 22.0516, 0.5568,
0.2841

Harmonies

Analogous

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



54.2265, 0.3148, 0.2691



54.2265, 0.3623, 0.2969



54.2265, 0.3971, 0.3328

Triad

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



54.2265, 0.3623, 0.2969



54.2265, 0.3516, 0.4146



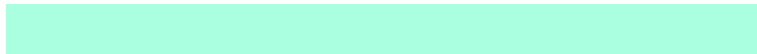
54.2265, 0.2266, 0.2777

Complementary

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



54.2265, 0.3623, 0.2969



85.4440, 0.2802, 0.3640

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.



54.2265, 0.2347, 0.3159



54.2265, 0.3623, 0.2969



54.2265, 0.3051, 0.4012

Square

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



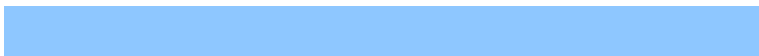
54.2265, 0.3623, 0.2969



54.2265, 0.3894, 0.4011



54.2265, 0.2626, 0.3629



54.2265, 0.2389, 0.2568

Rectangle

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



54.2265, 0.3623, 0.2969



54.2265, 0.4067, 0.3580



54.2265, 0.2626, 0.3629



54.2265, 0.2270, 0.2887

Sweetspot

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



54.2200, 0.3623, 0.2969



83.7963, 0.3243, 0.3199



51.7819, 0.2919, 0.2395



17.4859, 0.3261, 0.3186



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.



54.2200, 0.3623, 0.2969



47.7702, 0.3765, 0.2904



57.3383, 0.3872, 0.3411



18.0967, 0.3237, 0.3204



11.5485, 0.5525, 0.2817



1.1446, 0.5213, 0.2645

Inverse Universe

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



54.2200, 0.3623, 0.2969



47.7702, 0.3765, 0.2904



80.2634, 0.2636, 0.3164



18.0967, 0.3237, 0.3204



11.5485, 0.5525, 0.2817



1.1446, 0.5213, 0.2645

Previews

White Background



This preview shows how the Yxy color 54.2265, 0.3623, 0.2969 looks on a white background.

Color Contrast Check

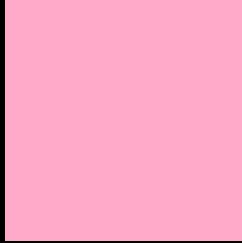
Large Text (above 18pt) WCAG AA × Fail

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 54.2265, 0.3623, 0.2969 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 54.2265, 0.3623, 0.2969

Background



This preview shows how black text looks on a background with the Yxy color 54.2265, 0.3623, 0.2969.



This preview shows how white text looks on a background with the Yxy color 54.2265, 0.3623, 0.2969.

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

54.2265, 0.3623, 0.2969

Protanopia

54.6963, 0.2960, 0.3038

Deuteranopia

54.4695, 0.3248, 0.3185



Tritanopia

54.3150, 0.3735, 0.3155

Trichromacy



Original Color

54.2265, 0.3623, 0.2969



Protanomaly

53.7981, 0.3182, 0.3003



Deuteranomaly

54.0734, 0.3384, 0.3099



Tritanomaly

54.3375, 0.3701, 0.3092

Monochromacy



Original Color

54.2265, 0.3623, 0.2969



Achromatopsia

57.1125, 0.3127, 0.3290



Achromatomaly

55.1966, 0.3291, 0.3153

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.2265, 0.3623, 0.2969 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, 170, 201)` looks like.

```
.text, #text, p{  
    color:rgb(255, 170, 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, 170, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 170, 201) }
```

Border

The CSS property to change the border of an element to Yxy 54.2265, 0.3623, 0.2969 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, 170, 201) }
```

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

```
.border{ border-color:rgb(255, 170, 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, 170, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 170, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 170, 201);  
box-shadow:4px 4px 4px 4px rgb(255, 170,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 54.2265, 0.3623, 0.2969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 170, 201) }
```

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

```
.background{ background-color: rgb(255,  
170, 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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