

Converting Colors

Yxy(54.7134, 0.3589, 0.2943)

Have a look what the booklet for
Yxy(54.7134, 0.3589, 0.2943)
contains.

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Color

Yxy(54.7455, 0.3593, 0.2949)

Conversions

Conversions Part 1

Format	Color
Hex	FFABCC
RGB	255, 171, 204
RGB Percent	100%, 67%, 80%
CMY	0.0001, 0.3294, 0.1999
CMYK	0.00, 0.33, 0.20, 0.00
HSL	336°, 100%, 84%
HSV	336°, 33%, 100%
XYZ	66.7008, 54.7455, 64.1946
YIQ	199.8780, 39.4710, 28.0710

Conversions

Conversions Part 2

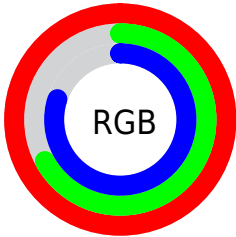
Format	Color
R _Y B	255, 171, 204
Decimal	16755660
CIE Lab	78.89, 35.30, -4.09
CIE LCh	79, 35.534, 353.386
Yxy	54.7455, 0.3593, 0.2949
Android (android.graphics.Color)	4294945740 (0xFFFFABCC)
YUV	199.8780, 2.0321, 48.3420
Hunter-Lab	73.9902, 31.4315, 0.3526

Details

The Yxy color **54.7455, 0.3593, 0.2949** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **85.4430, 0.2818, 0.3663**, and the grayscale version is **57.6512, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.4182, 0.3140, 0.3019**, and **27.0292, 0.3714, 0.2867** is the 20% darker color. If you saturate the color by 10%, you get **45.3197, 0.3802, 0.2844**, and if you desaturate by 10%, it is **66.1081, 0.3419, 0.3057**.

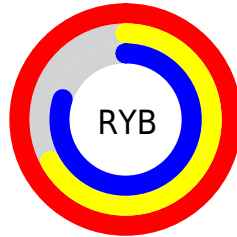
Distribution



Red (100%)

Green (67%)

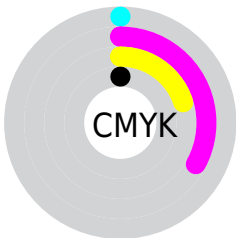
Blue (80%)



Red (100%)

Yellow (67%)

Blue (80%)

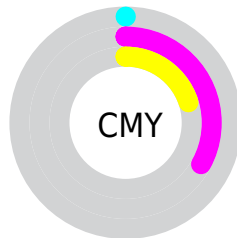


Cyan (0%)

Magenta (33%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (33%)

Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.7455, 0.3593, 0.2949 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 54.7455, 0.3593, 0.2949 by changing the saturation by 10% instead.


 54.7455, 0.3593,
0.2949

 54.7455, 0.3593,
0.2949


404.9465, 0.3368,
0.3112

 39.1980, 0.3647,
0.2911

 97.1680, 0.3513,
0.3006

 26.9138, 0.3715,
0.2863


124.8117, 0.3483,
0.3028

 17.5085, 0.3802,
0.2801


157.2564, 0.3456,
0.3047

 10.5977, 0.3921,
0.2718

194.8863, 0.3434,
0.3064

 5.7970, 0.4090,
0.2603

238.0858, 0.3414,
0.3078

 2.7220, 0.4347,
0.2430

287.2395, 0.3397,

 0.9884, 0.4785,

0.3090

0.2145

342.7316, 0.3382,
0.3102

0.0000, 0.8298,
0.0000

0.0000, 0.0000,
0.0000

54.7455, 0.3593,
0.2949

54.7455, 0.3593,
0.2949

45.3197, 0.3802,
0.2844

66.1081, 0.3419,
0.3057

37.7137, 0.4047,
0.2750

79.5006, 0.3275,
0.3162

31.8097, 0.4327,
0.2677

95.0192, 0.3157,
0.3262

27.4727, 0.4634,
0.2638

99.9975, 0.3127,
0.3290

■ 24.5465, 0.4951,
0.2646

■ 22.8425, 0.5256,
0.2708

■ 22.1825, 0.5455,
0.2778

Harmonies

Analogous

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



54.7455, 0.3117, 0.2679



54.7455, 0.3593, 0.2949



54.7455, 0.3952, 0.3303

Triad

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



54.7455, 0.3593, 0.2949



54.7455, 0.3543, 0.4142



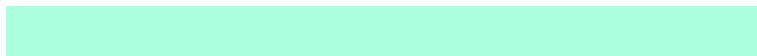
54.7455, 0.2267, 0.2798

Complementary

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



54.7455, 0.3593, 0.2949



85.4430, 0.2818, 0.3663

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.



54.7455, 0.2362, 0.3189



54.7455, 0.3593, 0.2949



54.7455, 0.3081, 0.4027

Square

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



54.7455, 0.3593, 0.2949



54.7455, 0.3910, 0.3993



54.7455, 0.2652, 0.3657



54.7455, 0.2378, 0.2578

Rectangle

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



54.7455, 0.3593, 0.2949



54.7455, 0.4061, 0.3555



54.7455, 0.2652, 0.3657



54.7455, 0.2276, 0.2912

Sweetspot

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



54.7481, 0.3593, 0.2949



83.8389, 0.3238, 0.3192



51.7832, 0.2901, 0.2401



17.4962, 0.3256, 0.3178



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.



54.7481, 0.3593, 0.2949



47.8973, 0.3737, 0.2874



56.6020, 0.3870, 0.3381



18.1054, 0.3232, 0.3197



11.6195, 0.5412, 0.2755



1.1521, 0.5108, 0.2588

Inverse Universe

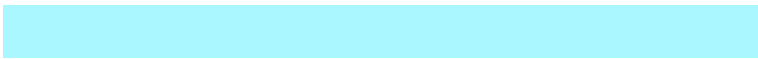
The Inverse Universe completely reimagines the original color for something new.



54.7481, 0.3593, 0.2949



47.8973, 0.3737, 0.2874



82.1488, 0.2645, 0.3196



18.1054, 0.3232, 0.3197



11.6195, 0.5412, 0.2755



1.1521, 0.5108, 0.2588

Previews

White Background



This preview shows how the Yxy color 54.7455, 0.3593, 0.2949 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 54.7455, 0.3593, 0.2949 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 54.7455, 0.3593, 0.2949

Background



This preview shows how black text looks on a background with the Yxy color 54.7455, 0.3593, 0.2949.



This preview shows how white text looks on a background with the Yxy color 54.7455, 0.3593, 0.2949.

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

54.7455, 0.3593, 0.2949

Protanopia

54.9830, 0.2947, 0.3004

Deuteranopia

55.0410, 0.3223, 0.3162



Tritanopia

54.7426, 0.3723, 0.3155

Trichromacy



Original Color

54.7455, 0.3593, 0.2949



Protanomaly

54.5208, 0.3166, 0.2982



Deuteranomaly

54.6252, 0.3357, 0.3078



Tritanomaly

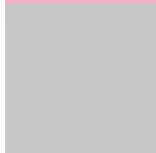
54.8082, 0.3680, 0.3082

Monochromacy



Original Color

54.7455, 0.3593, 0.2949



Achromatopsia

57.7580, 0.3127, 0.3290



Achromatomaly

55.8279, 0.3290, 0.3153

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.7455, 0.3593, 0.2949 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, 171, 204)` looks like.

```
.text, #text, p{  
    color:rgb(255, 171, 204)  
}
```

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, 171, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 171, 204) }
```

Border

The CSS property to change the border of an element to Yxy 54.7455, 0.3593, 0.2949 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, 171, 204) }
```

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

```
.border{ border-color:rgb(255, 171, 204) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 171, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 171, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 171, 204);  
box-shadow:4px 4px 4px 4px rgb(255, 171,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 54.7455, 0.3593, 0.2949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 171, 204) }
```

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

```
.background{ background-color: rgb(255,  
171, 204) }
```

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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