

Converting Colors

$Yxy(54.3014, 0.3611, 0.3000)$

Have a look what the booklet for
Yxy(54.3014, 0.3611, 0.3000)
contains.

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Color

Yxy(54.3240, 0.3610, 0.3008)

Conversions

Conversions Part 1

Format	Color
Hex	FCACC7
RGB	252, 172, 199
RGB Percent	99%, 67%, 78%
CMY	0.0119, 0.3254, 0.2196
CMYK	0.00, 0.32, 0.21, 0.01
HSL	340°, 93%, 83%
HSV	340°, 32%, 99%
XYZ	65.1960, 54.3240, 61.0784
YIQ	198.9980, 39.0130, 25.3570

Conversions

Conversions Part 2

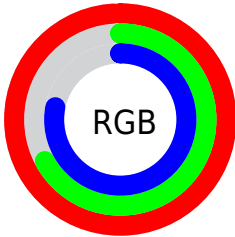
Format	Color
R _Y B	252, 172, 199
Decimal	16559303
CIE Lab	78.65, 32.98, -1.75
CIE LCh	79, 33.030, 356.954
Yxy	54.3240, 0.3610, 0.3008
Android (android.graphics.Color)	4294749383 (0xFFFCACC7)
YUV	198.9980, 0.0010, 46.4828
Hunter-Lab	73.7048, 28.9098, 2.4604

Details

The Yxy color **54.3240, 0.3610, 0.3008** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **83.8081, 0.2805, 0.3594**, and the grayscale version is **57.0953, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.9668, 0.3139, 0.3029**, and **26.7073, 0.3739, 0.2941** is the 20% darker color. If you saturate the color by 10%, you get **44.8927, 0.3835, 0.2917**, and if you desaturate by 10%, it is **65.6637, 0.3424, 0.3101**.

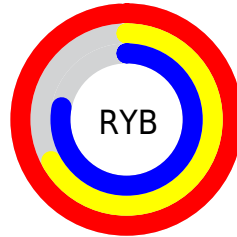
Distribution



Red (99%)

Green (67%)

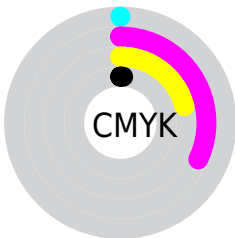
Blue (78%)



Red (99%)

Yellow (67%)

Blue (78%)

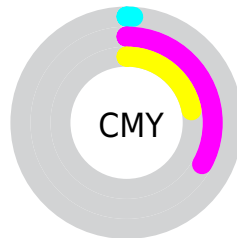


Cyan (0%)

Magenta (32%)

Yellow (21%)

Black (1%)



Cyan (1%)


Magenta (33%)

Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.3240, 0.3610, 0.3008 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 54.3240, 0.3610, 0.3008 by changing the saturation by 10% instead.

 54.3240, 0.3610,
0.3008

 54.3240, 0.3610,
0.3008


403.3443, 0.3376,
0.3144

 38.8608, 0.3666,
0.2975


 96.5498, 0.3526,
0.3056

 26.6514, 0.3738,
0.2935


124.0811, 0.3494,
0.3075

 17.3116, 0.3831,
0.2881


156.4040, 0.3467,
0.3091

 10.4569, 0.3957,
0.2810

193.9027, 0.3444,
0.3104

 5.7029, 0.4137,
0.2708

236.9617, 0.3424,
0.3116

 2.6653, 0.4415,
0.2553

285.9654, 0.3406,

 0.9596, 0.4896,

0.3127

0.2289

341.2981, 0.3390,
0.3136

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.3240, 0.3610,
0.3008

54.3240, 0.3610,
0.3008

44.8927, 0.3835,
0.2917

65.6637, 0.3424,
0.3101

37.2563, 0.4102,
0.2836

79.0016, 0.3271,
0.3191

31.3012, 0.4409,
0.2773

94.4312, 0.3146,
0.3276

26.8975, 0.4747,
0.2741

99.4289, 0.3108,
0.3290

■ 23.8959, 0.5097,
0.2753

■ 22.1170, 0.5429,
0.2816

■ 21.3449, 0.5673,
0.2899

Harmonies

Analogous

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



54.3240, 0.3173, 0.2741



54.3240, 0.3610, 0.3008



54.3240, 0.3921, 0.3348

Triad

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



54.3240, 0.3610, 0.3008



54.3240, 0.3469, 0.4083



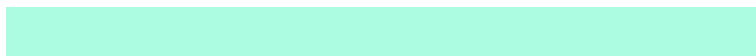
54.3240, 0.2324, 0.2799

Complementary

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



54.3240, 0.3610, 0.3008



83.8081, 0.2805, 0.3594

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.



54.3240, 0.2390, 0.3149



54.3240, 0.3610, 0.3008



54.3240, 0.3035, 0.3943

Square

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



54.3240, 0.3610, 0.3008



54.3240, 0.3827, 0.3975



54.3240, 0.2643, 0.3581



54.3240, 0.2450, 0.2611

Rectangle

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



54.3240, 0.3610, 0.3008



54.3240, 0.4003, 0.3584



54.3240, 0.2643, 0.3581



54.3240, 0.2324, 0.2900

Sweetspot

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



54.3265, 0.3610, 0.3008



83.7548, 0.3248, 0.3206



52.3854, 0.2943, 0.2445



17.4759, 0.3266, 0.3193



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.



54.3265, 0.3610, 0.3008



49.5003, 0.3747, 0.2950



57.9558, 0.3819, 0.3419



17.3218, 0.3241, 0.3210



11.1468, 0.5629, 0.2875



1.0513, 0.5296, 0.2691

Inverse Universe

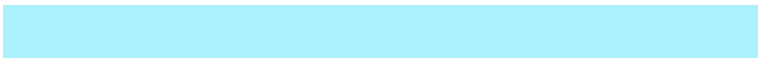
The Inverse Universe completely reimagines the original color for something new.



54.3265, 0.3610, 0.3008



49.5003, 0.3747, 0.2950



78.1042, 0.2656, 0.3156



17.3218, 0.3241, 0.3210



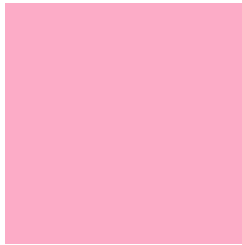
11.1468, 0.5629, 0.2875



1.0513, 0.5296, 0.2691

Previews

White Background



This preview shows how the Yxy color 54.3240, 0.3610, 0.3008 looks on a white background.

Color Contrast Check

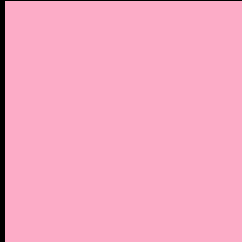
Large Text (above 18pt) WCAG AA × Fail

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 54.3240, 0.3610, 0.3008 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

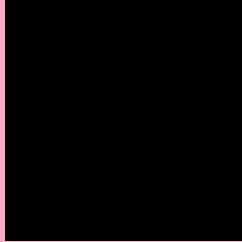
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.3240, 0.3610, 0.3008

Background



This preview shows how black text looks on a background with the Yxy color 54.3240, 0.3610, 0.3008.



This preview shows how white text looks on a background with the Yxy color 54.3240, 0.3610, 0.3008.

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

54.3240, 0.3610, 0.3008

Protanopia

54.8064, 0.2997, 0.3074

Deuteranopia

54.5268, 0.3272, 0.3208



Tritanopia

54.3692, 0.3706, 0.3154

Trichromacy



Original Color

54.3240, 0.3610, 0.3008



Protanomaly

54.0699, 0.3205, 0.3048



Deuteranomaly

54.2291, 0.3390, 0.3133



Tritanomaly

54.1580, 0.3672, 0.3101

Monochromacy



Original Color

54.3240, 0.3610, 0.3008



Achromatopsia

57.1125, 0.3127, 0.3290



Achromatomaly

55.4241, 0.3290, 0.3175

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.3240, 0.3610, 0.3008 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(252, 172, 199)` looks like.

```
.text, #text, p{  
    color:rgb(252, 172, 199)  
}
```

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(252, 172, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 172, 199) }
```

Border

The CSS property to change the border of an element to Yxy 54.3240, 0.3610, 0.3008 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(252, 172, 199) }
```

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

```
.border{ border-color:rgb(252, 172, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 172, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 172, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 172, 199);  
box-shadow:4px 4px 4px 4px rgb(252, 172,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 54.3240, 0.3610, 0.3008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 172, 199) }
```

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

```
.background{ background-color: rgb(252,  
172, 199) }
```

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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