

Converting Colors

$Yxy(54.8420, 0.3574, 0.2965)$

Have a look what the booklet for
Yxy(54.8420, 0.3574, 0.2965)
contains.

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Color

Yxy(54.7473, 0.3574, 0.2957)

Conversions

Conversions Part 1

Format	Color
Hex	FDACCC
RGB	253, 172, 204
RGB Percent	99%, 67%, 80%
CMY	0.0077, 0.3255, 0.1999
CMYK	0.00, 0.32, 0.19, 0.01
HSL	336°, 95%, 83%
HSV	336°, 32%, 99%
XYZ	66.1707, 54.7473, 64.2267
YIQ	199.8670, 38.0040, 27.1240

Conversions

Conversions Part 2

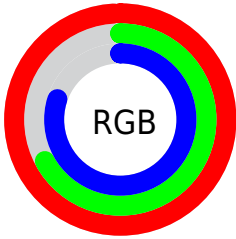
Format	Color
R _Y B	253, 172, 204
Decimal	16624844
CIE Lab	78.90, 34.11, -4.12
CIE LCh	79, 34.360, 353.115
Yxy	54.7473, 0.3574, 0.2957
Android (android.graphics.Color)	4294814924 (0xFFFDACCC)
YUV	199.8670, 2.0376, 46.5976
Hunter-Lab	73.9914, 30.1481, 0.3285

Details

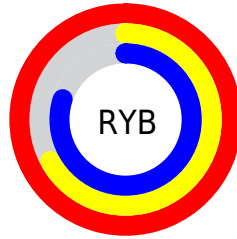
The Yxy color **54.7473, 0.3574, 0.2957** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **84.2586, 0.2826, 0.3653**, and the grayscale version is **57.6450, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.9668, 0.3139, 0.3029**, and **26.9978, 0.3688, 0.2877** is the 20% darker color. If you saturate the color by 10%, you get **45.3204, 0.3778, 0.2851**, and if you desaturate by 10%, it is **66.0848, 0.3404, 0.3065**.

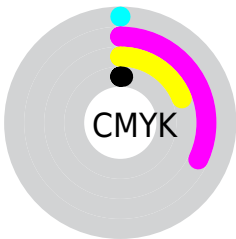
Distribution



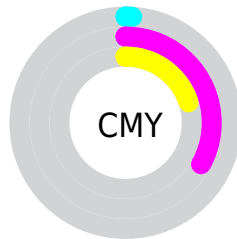
- Red (99%)
- Green (67%)
- Blue (80%)



- Red (99%)
- Yellow (67%)
- Blue (80%)



- Cyan (0%)
- Magenta (32%)
- Yellow (19%)
- Black (1%)



- Cyan (1%)
- Magenta (33%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.7473, 0.3574, 0.2957 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 54.7473, 0.3574, 0.2957 by changing the saturation by 10% instead.


 54.7473, 0.3574,
0.2957

 54.7473, 0.3574,
0.2957


404.9533, 0.3358,
0.3116

 39.1994, 0.3626,
0.2920


 97.1706, 0.3497,
0.3013

 26.9149, 0.3691,
0.2873


124.8149, 0.3468,
0.3035

 17.5093, 0.3775,
0.2812


157.2600, 0.3443,
0.3053

 10.5983, 0.3889,
0.2732

194.8905, 0.3421,
0.3069

 5.7974, 0.4051,
0.2618

238.0906, 0.3403,
0.3083

 2.7223, 0.4298,
0.2449

287.2449, 0.3386,

 0.9885, 0.4720,

0.3095

0.2170

342.7377, 0.3371,
0.3106

■ 0.0000, 0.8223,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.7473, 0.3574,
0.2957

■ 54.7473, 0.3574,
0.2957

■ 45.3204, 0.3778,
0.2851

■ 66.0848, 0.3404,
0.3065

■ 37.6901, 0.4019,
0.2755

■ 79.4235, 0.3263,
0.3171

■ 31.7418, 0.4295,
0.2679

■ 94.8571, 0.3148,
0.3271

■ 27.3447, 0.4599,
0.2636

■ 99.6284, 0.3115,
0.3290

■ 24.3479, 0.4914,
0.2639

■ 22.5700, 0.5220,
0.2695

■ 21.8095, 0.5444,
0.2773

Harmonies

Analogous

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



54.7473, 0.3114, 0.2696



54.7473, 0.3574, 0.2957



54.7473, 0.3922, 0.3301

Triad

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



54.7473, 0.3574, 0.2957



54.7473, 0.3535, 0.4113



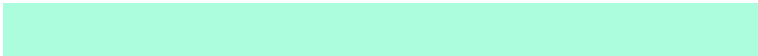
54.7473, 0.2293, 0.2818

Complementary

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



54.7473, 0.3574, 0.2957



84.2586, 0.2826, 0.3653

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.



54.7473, 0.2388, 0.3197



54.7473, 0.3574, 0.2957



54.7473, 0.3088, 0.4003

Square

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



54.7473, 0.3574, 0.2957



54.7473, 0.3888, 0.3969



54.7473, 0.2671, 0.3649



54.7473, 0.2399, 0.2602

Rectangle

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



54.7473, 0.3574, 0.2957



54.7473, 0.4029, 0.3546



54.7473, 0.2671, 0.3649



54.7473, 0.2302, 0.2929

Sweetspot

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



54.7498, 0.3574, 0.2957



83.8423, 0.3238, 0.3191



51.9056, 0.2909, 0.2428



17.4970, 0.3255, 0.3177



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.



54.7498, 0.3574, 0.2957



49.7523, 0.3692, 0.2893



56.5460, 0.3841, 0.3378



18.1061, 0.3232, 0.3196



11.6254, 0.5403, 0.2750



1.1527, 0.5100, 0.2583

Inverse Universe

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



54.7498, 0.3574, 0.2957



49.7523, 0.3692, 0.2893



81.1231, 0.2657, 0.3199



18.1061, 0.3232, 0.3196



11.6254, 0.5403, 0.2750



1.1527, 0.5100, 0.2583

Previews

White Background



This preview shows how the Yxy color 54.7473, 0.3574, 0.2957 looks on a white background.

Color Contrast Check

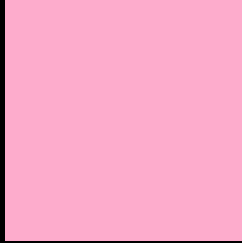
Large Text (above 18pt) WCAG AA × Fail

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 54.7473, 0.3574, 0.2957 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

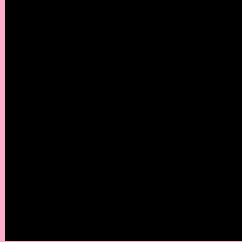
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.7473, 0.3574, 0.2957

Background



This preview shows how black text looks on a background with the Yxy color 54.7473, 0.3574, 0.2957.



This preview shows how white text looks on a background with the Yxy color 54.7473, 0.3574, 0.2957.

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

54.7473, 0.3574, 0.2957

Protanopia

54.9830, 0.2947, 0.3004

Deuteranopia

55.0410, 0.3223, 0.3162



Tritanopia

54.8000, 0.3694, 0.3154

Trichromacy



Original Color

54.7473, 0.3574, 0.2957



Protanomaly

54.3690, 0.3158, 0.2981



Deuteranomaly

54.4621, 0.3349, 0.3077



Tritanomaly

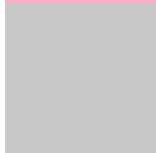
54.8626, 0.3651, 0.3081

Monochromacy



Original Color

54.7473, 0.3574, 0.2957



Achromatopsia

57.7580, 0.3127, 0.3290



Achromatomaly

56.1040, 0.3281, 0.3164

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.7473, 0.3574, 0.2957 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(253, 172, 204)` looks like.

```
.text, #text, p{  
    color:rgb(253, 172, 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(253, 172, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 172, 204) }
```

Border

The CSS property to change the border of an element to Yxy 54.7473, 0.3574, 0.2957 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(253, 172, 204) }
```

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

```
.border{ border-color:rgb(253, 172, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 172, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 172, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 172, 204);  
box-shadow:4px 4px 4px 4px rgb(253, 172,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 54.7473, 0.3574, 0.2957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 172, 204) }
```

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

```
.background{ background-color: rgb(253,  
172, 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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