

Converting Colors

$Y_{xy}(68.2850, 0.4098, 0.2978)$

Have a look what the booklet for
Yxy(68.2850, 0.4098, 0.2978)
contains.

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Color

Yxy(54.1409, 0.3570, 0.2898)

Conversions

Conversions Part 1

Format	Color
Hex	FFA9CF
RGB	255, 169, 207
RGB Percent	100%, 66%, 81%
CMY	0.0000, 0.3373, 0.1881
CMYK	0.00, 0.34, 0.19, 0.00
HSL	333°, 100%, 83%
HSV	333°, 34%, 100%
XYZ	66.6953, 54.1409, 65.9854
YIQ	199.0460, 39.0580, 30.0500

Conversions

Conversions Part 2

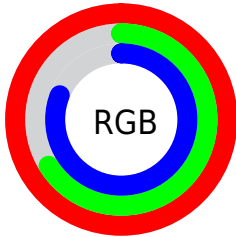
Format	Color
R _Y B	255, 169, 207
Decimal	16755151
CIE Lab	78.54, 36.80, -6.24
CIE LCh	79, 37.322, 350.372
Yxy	54.1409, 0.3570, 0.2898
Android (android.graphics.Color)	4294945231 (0xFFFFA9CF)
YUV	199.0460, 3.9213, 49.0717
Hunter-Lab	73.5805, 33.0312, -1.6636

Details

The Yxy color **54.1409, 0.3570, 0.2898** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **84.9630, 0.2832, 0.3723**, and the grayscale version is **57.1013, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.3304, 0.3141, 0.2999**, and **26.6610, 0.3682, 0.2803** is the 20% darker color. If you saturate the color by 10%, you get **44.8966, 0.3762, 0.2781**, and if you desaturate by 10%, it is **65.2999, 0.3408, 0.3019**.

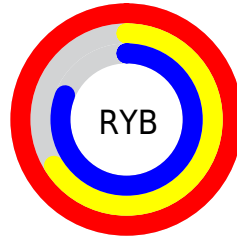
Distribution



Red (100%)

Green (66%)

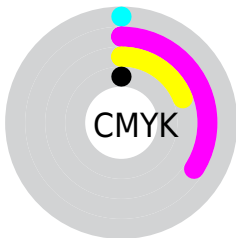
Blue (81%)



Red (100%)

Yellow (66%)

Blue (81%)

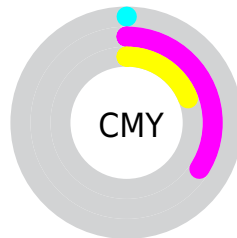


Cyan (0%)

Magenta (34%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (34%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.1409, 0.3570, 0.2898 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 54.1409, 0.3570, 0.2898 by changing the saturation by 10% instead.


 54.1409, 0.3570,
0.2898

 54.1409, 0.3570,
0.2898


402.6471, 0.3357,
0.3084

 38.7143, 0.3621,
0.2855


 96.2811, 0.3494,
0.2963

 26.5376, 0.3685,
0.2800


 123.7635, 0.3465,
0.2988

 17.2262, 0.3767,
0.2731


156.0333, 0.3441,
0.3010

 10.3959, 0.3879,
0.2638

193.4749, 0.3419,
0.3029

 5.6622, 0.4036,
0.2509

236.4727, 0.3401,
0.3045

 2.6408, 0.4276,
0.2319

285.4110, 0.3384,

 0.9472, 0.4680,

0.3059

0.2011

340.6744, 0.3370,
0.3072

0.0000, 0.7406,
0.0000

0.0000, 0.0000,
0.0000

54.1409, 0.3570,
0.2898

54.1409, 0.3570,
0.2898

44.8966, 0.3762,
0.2781

65.2999, 0.3408,
0.3019

37.4544, 0.3987,
0.2676

78.4715, 0.3274,
0.3137

31.6944, 0.4242,
0.2593

93.7503, 0.3163,
0.3250

27.4806, 0.4520,
0.2547

100.0000, 0.3127,
0.3290

■ 24.6557, 0.4807,
0.2549

■ 23.0280, 0.5085,
0.2607

■ 22.4470, 0.5250,
0.2666

Harmonies

Analogous

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



54.1409, 0.3065, 0.2628



54.1409, 0.3570, 0.2898



54.1409, 0.3970, 0.3262

Triad

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



54.1409, 0.3570, 0.2898



54.1409, 0.3609, 0.4184



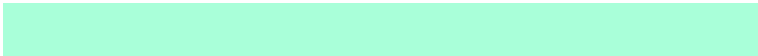
54.1409, 0.2225, 0.2804

Complementary

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



54.1409, 0.3570, 0.2898



84.9630, 0.2832, 0.3723

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.



54.1409, 0.2345, 0.3229



54.1409, 0.3570, 0.2898



54.1409, 0.3126, 0.4096

Square

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



54.1409, 0.3570, 0.2898



54.1409, 0.3979, 0.4000



54.1409, 0.2666, 0.3726



54.1409, 0.2319, 0.2556

Rectangle

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



54.1409, 0.3570, 0.2898



54.1409, 0.4103, 0.3526



54.1409, 0.2666, 0.3726



54.1409, 0.2241, 0.2929

Sweetspot

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



54.1419, 0.3570, 0.2898



83.9133, 0.3230, 0.3180



50.2400, 0.2861, 0.2370



17.5141, 0.3246, 0.3164



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.



54.1419, 0.3570, 0.2898



48.1246, 0.3687, 0.2824



54.1263, 0.3910, 0.3338



18.1206, 0.3224, 0.3185



11.7580, 0.5209, 0.2643



1.1664, 0.4925, 0.2487

Inverse Universe

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



54.1419, 0.3570, 0.2898



48.1246, 0.3687, 0.2824



84.4619, 0.2641, 0.3242



18.1206, 0.3224, 0.3185



11.7580, 0.5209, 0.2643



1.1664, 0.4925, 0.2487

Previews

White Background



This preview shows how the Yxy color 54.1409, 0.3570, 0.2898 looks on a white background.

Color Contrast Check

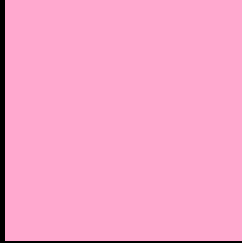
Large Text (above 18pt) WCAG AA × Fail

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 54.1409, 0.3570, 0.2898 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 54.1409, 0.3570, 0.2898

Background



This preview shows how black text looks on a background with the Yxy color 54.1409, 0.3570, 0.2898.

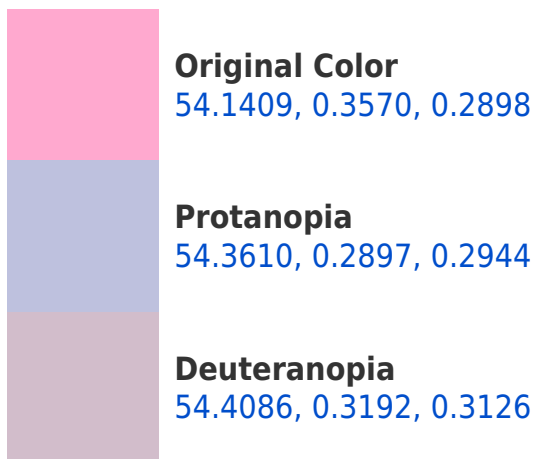


This preview shows how white text looks on a background with the Yxy color 54.1409, 0.3570, 0.2898.

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





Tritanopia

54.3150, 0.3735, 0.3155

Trichromacy



Original Color

54.1409, 0.3570, 0.2898



Protanomaly

53.5869, 0.3120, 0.2913



Deuteranomaly

53.9843, 0.3325, 0.3043



Tritanomaly

54.4709, 0.3673, 0.3061

Monochromacy



Original Color

54.1409, 0.3570, 0.2898



Achromatopsia

57.1125, 0.3127, 0.3290



Achromatomaly

55.2908, 0.3275, 0.3130

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.1409, 0.3570, 0.2898 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, 169, 207)` looks like.

```
.text, #text, p{  
    color:rgb(255, 169, 207)  
}
```

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, 169, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 169, 207) }
```

Border

The CSS property to change the border of an element to Yxy 54.1409, 0.3570, 0.2898 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, 169, 207) }
```

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

```
.border{ border-color:rgb(255, 169, 207) }
```

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

Here you see how a box with a 4 pixel rgb(255, 169, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 169, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 169, 207);  
box-shadow:4px 4px 4px 4px rgb(255, 169,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 54.1409, 0.3570, 0.2898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 169, 207) }
```

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

```
.background{ background-color: rgb(255,  
169, 207) }
```

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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