

Converting Colors

$Y_{xy}(55.1106, 0.3549, 0.2853)$

Have a look what the booklet for
Yxy(55.1106, 0.3549, 0.2853)
contains.

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Color

Yxy(54.3894, 0.3525, 0.2849)

Conversions

Conversions Part 1

Format	Color
Hex	FFA9D4
RGB	255, 169, 212
RGB Percent	100%, 66%, 83%
CMY	0.0002, 0.3371, 0.1687
CMYK	0.00, 0.34, 0.17, 0.00
HSL	330°, 100%, 83%
HSV	330°, 34%, 100%
XYZ	67.2947, 54.3894, 69.2229
YIQ	199.6160, 37.4530, 31.6050

Conversions

Conversions Part 2

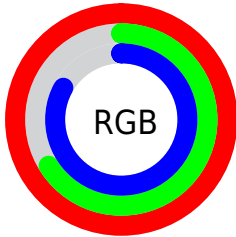
Format	Color
R _Y B	255, 169, 212
Decimal	16755156
CIE Lab	78.69, 37.50, -8.72
CIE LCh	79, 38.501, 346.914
Yxy	54.3894, 0.3525, 0.2849
Android (android.graphics.Color)	4294945236 (0xFFFFA9D4)
YUV	199.6160, 6.1053, 48.5718
Hunter-Lab	73.7492, 33.8168, -4.0267

Details

The Yxy color **54.3894, 0.3525, 0.2849** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **84.6795, 0.2858, 0.3781**, and the grayscale version is **57.4563, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.3304, 0.3141, 0.2999**, and **26.7954, 0.3632, 0.2752** is the 20% darker color. If you saturate the color by 10%, you get **45.1921, 0.3696, 0.2717**, and if you desaturate by 10%, it is **65.4920, 0.3381, 0.2984**.

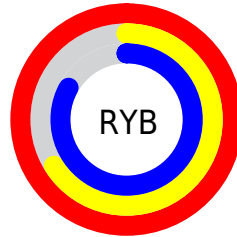
Distribution



Red (100%)

Green (66%)

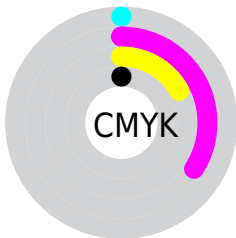
Blue (83%)



Red (100%)

Yellow (66%)

Blue (83%)

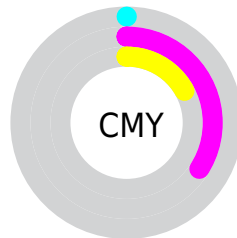


Cyan (0%)

Magenta (34%)

Yellow (17%)

Black (0%)



Cyan (0%)

Magenta (34%)

Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.3894, 0.3525, 0.2849 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 54.3894, 0.3525, 0.2849 by changing the saturation by 10% instead.


 54.3894, 0.3525,
0.2849

 54.3894, 0.3525,
0.2849


403.5932, 0.3335,
0.3056

 38.9131, 0.3570,
0.2801

 96.6458, 0.3458,
0.2922

 26.6921, 0.3626,
0.2741

124.1946, 0.3432,
0.2950

 17.3421, 0.3699,
0.2665


156.5363, 0.3410,
0.2974

 10.4787, 0.3795,
0.2564

194.0554, 0.3391,
0.2995

 5.7175, 0.3931,
0.2426

237.1363, 0.3374,
0.3013

 2.6741, 0.4135,
0.2223

286.1632, 0.3360,

 0.9640, 0.4474,

0.3029

0.1903

341.5208, 0.3347,
0.3043

0.0000, 0.6327,
0.0000

0.0000, 0.0000,
0.0000

54.3894, 0.3525,
0.2849

54.3894, 0.3525,
0.2849

45.1921, 0.3696,
0.2717

65.4920, 0.3381,
0.2984

37.7834, 0.3893,
0.2598

78.5927, 0.3260,
0.3118

32.0455, 0.4116,
0.2502

93.7872, 0.3160,
0.3245

27.8434, 0.4358,
0.2443

99.9901, 0.3127,
0.3290

■ 25.0202, 0.4608,
0.2433

■ 23.3851, 0.4854,
0.2477

■ 22.7936, 0.5002,
0.2529

Harmonies

Analogous

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



54.3894, 0.3003, 0.2587



54.3894, 0.3525, 0.2849



54.3894, 0.3959, 0.3214

Triad

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



54.3894, 0.3525, 0.2849



54.3894, 0.3674, 0.4202



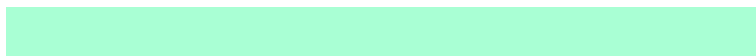
54.3894, 0.2203, 0.2831

Complementary

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



54.3894, 0.3525, 0.2849



84.6795, 0.2858, 0.3781

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.



54.3894, 0.2351, 0.3285



54.3894, 0.3525, 0.2849



54.3894, 0.3183, 0.4149

Square

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



54.3894, 0.3525, 0.2849



54.3894, 0.4034, 0.3984



54.3894, 0.2701, 0.3795



54.3894, 0.2275, 0.2554

Rectangle

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



54.3894, 0.3525, 0.2849



54.3894, 0.4118, 0.3483



54.3894, 0.2701, 0.3795



54.3894, 0.2228, 0.2966

Sweetspot

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



54.3919, 0.3525, 0.2849



84.0013, 0.3220, 0.3165



49.6020, 0.2828, 0.2362



17.5354, 0.3235, 0.3147



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.



54.3919, 0.3525, 0.2849



48.4012, 0.3629, 0.2765



52.5056, 0.3924, 0.3292



18.1385, 0.3215, 0.3172



11.9458, 0.4965, 0.2509



1.1852, 0.4711, 0.2369

Inverse Universe

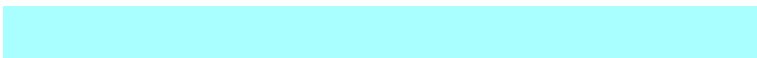
The Inverse Universe completely reimagines the original color for something new.



54.3919, 0.3525, 0.2849



48.4012, 0.3629, 0.2765



87.1423, 0.2648, 0.3289



18.1385, 0.3215, 0.3172



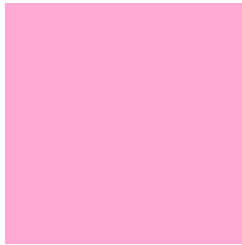
11.9458, 0.4965, 0.2509



1.1852, 0.4711, 0.2369

Previews

White Background



This preview shows how the Yxy color 54.3894, 0.3525, 0.2849 looks on a white background.

Color Contrast Check

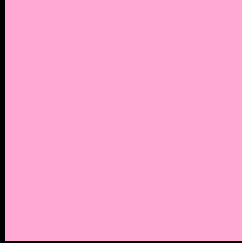
Large Text (above 18pt) WCAG AA × Fail

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 54.3894, 0.3525, 0.2849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

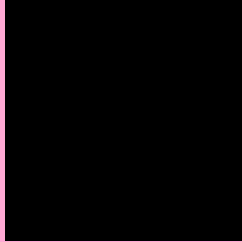
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.3894, 0.3525, 0.2849

Background



This preview shows how black text looks on a background with the Yxy color 54.3894, 0.3525, 0.2849.



This preview shows how white text looks on a background with the Yxy color 54.3894, 0.3525, 0.2849.

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

54.3894, 0.3525, 0.2849

Protanopia

55.0038, 0.2850, 0.2888

Deuteranopia

54.7909, 0.3137, 0.3080



Tritanopia

54.5554, 0.3715, 0.3154

Trichromacy



Original Color

54.3894, 0.3525, 0.2849



Protanomaly

54.1180, 0.3074, 0.2870



Deuteranomaly

54.0669, 0.3276, 0.2987



Tritanomaly

54.3732, 0.3646, 0.3040

Monochromacy



Original Color

54.3894, 0.3525, 0.2849



Achromatopsia

57.7580, 0.3127, 0.3290



Achromatomaly

55.9705, 0.3267, 0.3119

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.3894, 0.3525, 0.2849 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, 212)` looks like.

```
.text, #text, p{  
    color:rgb(255, 169, 212)  
}
```

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, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 169, 212) }
```

Border

The CSS property to change the border of an element to Yxy 54.3894, 0.3525, 0.2849 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, 212) }
```

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

```
.border{ border-color:rgb(255, 169, 212) }
```

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, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 169, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 169, 212);  
box-shadow:4px 4px 4px 4px rgb(255, 169,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 54.3894, 0.3525, 0.2849 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, 212) }
```

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

```
.background{ background-color: rgb(255,  
169, 212) }
```

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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