

Converting Colors

$Y_{xy}(54.8773, 0.3569, 0.2922)$

Have a look what the booklet for
Yxy(54.8773, 0.3569, 0.2922)
contains.

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Color

Yxy(54.8908, 0.3566, 0.2919)

Conversions

Conversions Part 1

Format	Color
Hex	FFABCF
RGB	255, 171, 207
RGB Percent	100%, 67%, 81%
CMY	0.0001, 0.3293, 0.1882
CMYK	0.00, 0.33, 0.19, 0.00
HSL	334°, 100%, 84%
HSV	334°, 33%, 100%
XYZ	67.0574, 54.8908, 66.0984
YIQ	200.2200, 38.5080, 29.0040

Conversions

Conversions Part 2

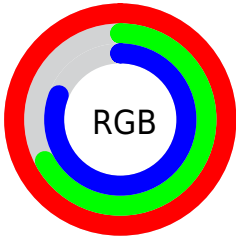
Format	Color
R_{YB}	255, 171, 207
Decimal	16755663
CIE _{Lab}	78.98, 35.73, -5.59
CIE _{LCh}	79, 36.161, 351.108
Yxy	54.8908, 0.3566, 0.2919
Android (android.graphics.Color)	4294945743 (0xFFFFABCF)
YUV	200.2200, 3.3425, 48.0421
Hunter-Lab	74.0883, 31.9060, -1.0341

Details

The Yxy color **54.8908, 0.3566, 0.2919** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **85.2733, 0.2833, 0.3697**, and the grayscale version is **57.8645, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.4182, 0.3140, 0.3019**, and **27.1271, 0.3676, 0.2829** is the 20% darker color. If you saturate the color by 10%, you get **45.4910, 0.3761, 0.2805**, and if you desaturate by 10%, it is **66.2192, 0.3403, 0.3036**.

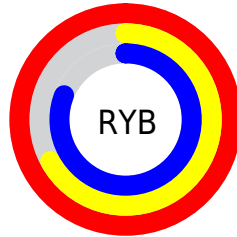
Distribution



Red (100%)

Green (67%)

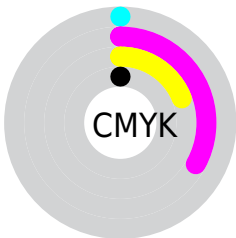
Blue (81%)



Red (100%)

Yellow (67%)

Blue (81%)

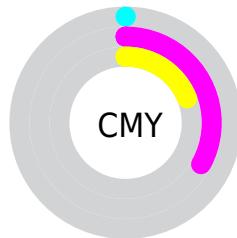


Cyan (0%)

Magenta (33%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (33%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.8908, 0.3566, 0.2919 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 54.8908, 0.3566, 0.2919 by changing the saturation by 10% instead.

 54.8908, 0.3566,
0.2919

 54.8908, 0.3566,
0.2919


405.4979, 0.3355,
0.3095

 39.3143, 0.3616,
0.2878


 97.3809, 0.3491,
0.2981

 27.0043, 0.3679,
0.2826


125.0634, 0.3463,
0.3005

 17.5765, 0.3761,
0.2760


157.5499, 0.3438,
0.3025

 10.6463, 0.3871,
0.2673

195.2249, 0.3417,
0.3043

 5.8296, 0.4027,
0.2551

238.4728, 0.3399,
0.3058

 2.7417, 0.4263,
0.2370

287.6780, 0.3382,

 0.9984, 0.4663,

0.3072

0.2077

343.2249, 0.3368,
0.3084

■ 0.0000, 0.7407,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.8908, 0.3566,
0.2919

■ 54.8908, 0.3566,
0.2919

■ 45.4910, 0.3761,
0.2805

■ 66.2192, 0.3403,
0.3036

■ 37.9031, 0.3990,
0.2702

■ 79.5689, 0.3267,
0.3151

■ 32.0097, 0.4250,
0.2620

■ 95.0356, 0.3156,
0.3259

■ 27.6762, 0.4534,
0.2574

■ 99.9939, 0.3127,
0.3290

■ 24.7473, 0.4830,
0.2574

■ 23.0346, 0.5117,
0.2630

■ 22.3647, 0.5307,
0.2697

Harmonies

Analogous

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



54.8908, 0.3080, 0.2654



54.8908, 0.3566, 0.2919



54.8908, 0.3946, 0.3274

Triad

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



54.8908, 0.3566, 0.2919



54.8908, 0.3583, 0.4153



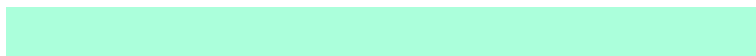
54.8908, 0.2254, 0.2814

Complementary

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



54.8908, 0.3566, 0.2919



85.2733, 0.2833, 0.3697

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.



54.8908, 0.2366, 0.3222



54.8908, 0.3566, 0.2919



54.8908, 0.3116, 0.4059

Square

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



54.8908, 0.3566, 0.2919



54.8908, 0.3944, 0.3984



54.8908, 0.2673, 0.3698



54.8908, 0.2350, 0.2577

Rectangle

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



54.8908, 0.3566, 0.2919



54.8908, 0.4070, 0.3530



54.8908, 0.2673, 0.3698



54.8908, 0.2268, 0.2934

Sweetspot

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



54.8934, 0.3566, 0.2919



83.8927, 0.3232, 0.3183



51.3486, 0.2879, 0.2396



17.5092, 0.3249, 0.3167



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.



54.8934, 0.3566, 0.2919



48.0613, 0.3701, 0.2838



55.4885, 0.3879, 0.3351



18.1164, 0.3227, 0.3189



11.7179, 0.5266, 0.2674



1.1623, 0.4975, 0.2515

Inverse Universe

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



54.8934, 0.3566, 0.2919



48.0613, 0.3701, 0.2838



83.8596, 0.2649, 0.3227



18.1164, 0.3227, 0.3189



11.7179, 0.5266, 0.2674



1.1623, 0.4975, 0.2515

Previews

White Background



This preview shows how the Yxy color 54.8908, 0.3566, 0.2919 looks on a white background.

Color Contrast Check

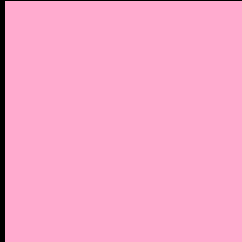
Large Text (above 18pt) WCAG AA × Fail

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 54.8908, 0.3566, 0.2919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

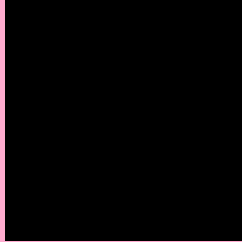
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.8908, 0.3566, 0.2919

Background



This preview shows how black text looks on a background with the Yxy color 54.8908, 0.3566, 0.2919.



This preview shows how white text looks on a background with the Yxy color 54.8908, 0.3566, 0.2919.

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

54.8908, 0.3566, 0.2919

Protanopia

55.5106, 0.2913, 0.2970

Deuteranopia

55.0354, 0.3192, 0.3127



Tritanopia

54.7856, 0.3714, 0.3144

Trichromacy



Original Color

54.8908, 0.3566, 0.2919



Protanomaly

54.5746, 0.3127, 0.2937



Deuteranomaly

54.6056, 0.3324, 0.3044



Tritanomaly

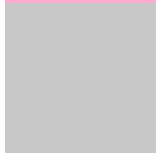
54.8981, 0.3662, 0.3061

Monochromacy



Original Color

54.8908, 0.3566, 0.2919



Achromatopsia

57.7580, 0.3127, 0.3290



Achromatomaly

55.9226, 0.3275, 0.3131

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.8908, 0.3566, 0.2919 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, 207)` looks like.

```
.text, #text, p{  
    color:rgb(255, 171, 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, 171, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 171, 207) }
```

Border

The CSS property to change the border of an element to Yxy 54.8908, 0.3566, 0.2919 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, 207) }
```

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

```
.border{ border-color:rgb(255, 171, 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, 171, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 171, 207); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 171, 207); box-shadow:4px 4px 4px 4px rgb(255, 171, 207) }
```


Background

The CSS property to change the background color of an element to Yxy 54.8908, 0.3566, 0.2919 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, 207) }
```

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

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