

Converting Colors

Yxy(54.8154, 0.3571, 0.2924)

Have a look what the booklet for
Yxy(54.8154, 0.3571, 0.2924)
contains.

Yxy(54.8421, 0.3575, 0.2929)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(54.8421, 0.3575, 0.2929)

Conversions

Conversions Part 1

Format	Color
Hex	FFABCE
RGB	255, 171, 206
RGB Percent	100%, 67%, 81%
CMY	0.0001, 0.3293, 0.1921
CMYK	0.00, 0.33, 0.19, 0.00
HSL	335°, 100%, 84%
HSV	335°, 33%, 100%
XYZ	66.9377, 54.8421, 65.4585
YIQ	200.1060, 38.8290, 28.6930

Conversions

Conversions Part 2

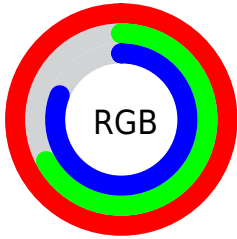
Format	Color
R _Y B	255, 171, 206
Decimal	16755662
CIE Lab	78.95, 35.58, -5.09
CIE LCh	79, 35.945, 351.859
Yxy	54.8421, 0.3575, 0.2929
Android (android.graphics.Color)	4294945742 (0xFFFFABCE)
YUV	200.1060, 2.9057, 48.1420
Hunter-Lab	74.0555, 31.7466, -0.5683

Details

The Yxy color $54.8421, 0.3575, 0.2929$ is a light color, and the websafe version is hex FF99CC . A complement of this color would be $85.3299, 0.2828, 0.3686$, and the grayscale version is $57.7933, 0.3127, 0.3290$.

A 20% lighter version of the original color is $83.4182, 0.3140, 0.3019$, and $27.0942, 0.3689, 0.2842$ is the 20% darker color. If you saturate the color by 10%, you get $45.4334, 0.3775, 0.2818$, and if you desaturate by 10%, it is $66.1821, 0.3408, 0.3043$.

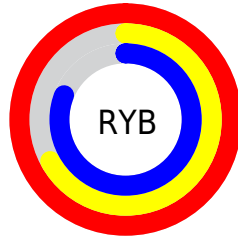
Distribution



Red (100%)

Green (67%)

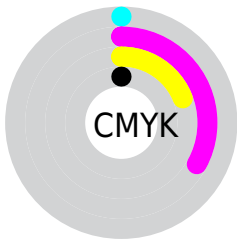
Blue (81%)



Red (100%)

Yellow (67%)

Blue (81%)

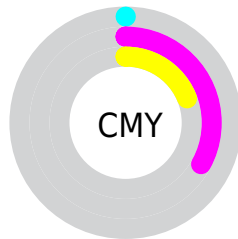


Cyan (0%)

Magenta (33%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (33%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.8421, 0.3575, 0.2929 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 54.8421, 0.3575, 0.2929 by changing the saturation by 10% instead.


 54.8421, 0.3575,
0.2929

 54.8421, 0.3575,
0.2929


405.3131, 0.3359,
0.3100

 39.2753, 0.3626,
0.2889


 97.3096, 0.3498,
0.2989

 26.9740, 0.3691,
0.2838


124.9790, 0.3469,
0.3013

 17.5537, 0.3775,
0.2774


157.4515, 0.3444,
0.3032

 10.6300, 0.3888,
0.2688

195.1114, 0.3423,
0.3050

 5.8186, 0.4048,
0.2568

238.3432, 0.3404,
0.3065

 2.7351, 0.4291,
0.2390

287.5311, 0.3387,

 0.9951, 0.4704,

0.3078

0.2099

343.0596, 0.3373,
0.3090

0.0000, 0.7678,
0.0000

0.0000, 0.0000,
0.0000

54.8421, 0.3575,
0.2929

54.8421, 0.3575,
0.2929

45.4334, 0.3775,
0.2818

66.1821, 0.3408,
0.3043

37.8392, 0.4009,
0.2718

79.5462, 0.3270,
0.3154

31.9420, 0.4276,
0.2639

95.0304, 0.3156,
0.3260

27.6070, 0.4568,
0.2595

99.9952, 0.3127,
0.3290

■ 24.6787, 0.4871,
0.2599

■ 22.9685, 0.5164,
0.2656

■ 22.3017, 0.5357,
0.2725

Harmonies

Analogous

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



54.8421, 0.3092, 0.2662



54.8421, 0.3575, 0.2929



54.8421, 0.3948, 0.3284

Triad

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



54.8421, 0.3575, 0.2929



54.8421, 0.3570, 0.4150



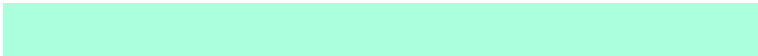
54.8421, 0.2259, 0.2809

Complementary

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



54.8421, 0.3575, 0.2929



85.3299, 0.2828, 0.3686

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.



54.8421, 0.2364, 0.3211



54.8421, 0.3575, 0.2929



54.8421, 0.3104, 0.4049

Square

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



54.8421, 0.3575, 0.2929



54.8421, 0.3932, 0.3987



54.8421, 0.2666, 0.3685



54.8421, 0.2360, 0.2577

Rectangle

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



54.8421, 0.3575, 0.2929



54.8421, 0.4067, 0.3538



54.8421, 0.2666, 0.3685



54.8421, 0.2271, 0.2927

Sweetspot

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



54.8447, 0.3575, 0.2929



83.8747, 0.3234, 0.3186



51.3480, 0.2879, 0.2396



17.5048, 0.3251, 0.3171



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.



54.8447, 0.3575, 0.2929



48.0061, 0.3713, 0.2850



55.4885, 0.3879, 0.3351



18.1127, 0.3228, 0.3191



11.6839, 0.5315, 0.2702



1.1588, 0.5020, 0.2539

Inverse Universe

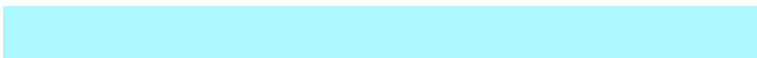
The Inverse Universe completely reimagines the original color for something new.



54.8447, 0.3575, 0.2929



48.0061, 0.3713, 0.2850



83.8633, 0.2649, 0.3227



18.1127, 0.3228, 0.3191



11.6839, 0.5315, 0.2702



1.1588, 0.5020, 0.2539

Previews

White Background



This preview shows how the Yxy color 54.8421, 0.3575, 0.2929 looks on a white background.

Color Contrast Check

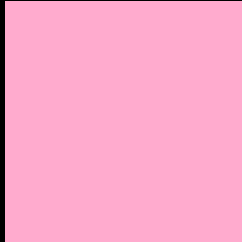
Large Text (above 18pt) WCAG AA × Fail

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 54.8421, 0.3575, 0.2929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

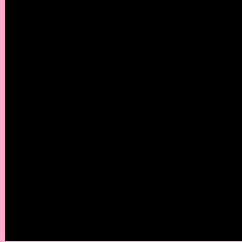
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.8421, 0.3575, 0.2929

Background



This preview shows how black text looks on a background with the Yxy color 54.8421, 0.3575, 0.2929.



This preview shows how white text looks on a background with the Yxy color 54.8421, 0.3575, 0.2929.

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

54.8421, 0.3575, 0.2929

Protanopia

55.0105, 0.2919, 0.2969

Deuteranopia

55.1358, 0.3208, 0.3139



Tritanopia

54.7856, 0.3714, 0.3144

Trichromacy



Original Color

54.8421, 0.3575, 0.2929



Protanomaly

54.5228, 0.3135, 0.2948



Deuteranomaly

54.7206, 0.3341, 0.3056



Tritanomaly

54.8981, 0.3662, 0.3061

Monochromacy



Original Color

54.8421, 0.3575, 0.2929



Achromatopsia

57.7580, 0.3127, 0.3290



Achromatomaly

55.8751, 0.3282, 0.3142

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.8421, 0.3575, 0.2929 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, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 171, 206)  
}
```

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, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 171, 206) }
```

Border

The CSS property to change the border of an element to Yxy 54.8421, 0.3575, 0.2929 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, 206) }
```

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

```
.border{ border-color:rgb(255, 171, 206) }
```

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, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 171, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 171, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 171,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 54.8421, 0.3575, 0.2929 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, 206) }
```

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

```
.background{ background-color: rgb(255,  
171, 206) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor