

Converting Colors

Yxy(53.4663, 0.3633, 0.2856)

Have a look what the booklet for
Yxy(53.4663, 0.3633, 0.2856)
contains.

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Color

Yxy(52.3159, 0.3580, 0.2847)

Conversions

Conversions Part 1

Format	Color
Hex	FFA4CF
RGB	255, 164, 207
RGB Percent	100%, 64%, 81%
CMY	0.0000, 0.3569, 0.1883
CMYK	0.00, 0.36, 0.19, 0.00
HSL	332°, 100%, 82%
HSV	332°, 36%, 100%
XYZ	65.7854, 52.3159, 65.6567
YIQ	196.1110, 40.4330, 32.6650

Conversions

Conversions Part 2

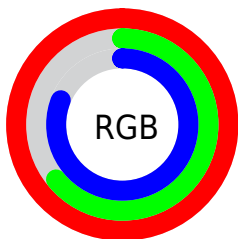
Format	Color
R_{YB}	255, 164, 207
Decimal	16753871
CIE _{Lab}	77.47, 39.40, -7.81
CIE _{LCh}	77, 40.165, 348.783
Yxy	52.3159, 0.3580, 0.2847
Android (android.graphics.Color)	4294943951 (0xFFFFA4CF)
YUV	196.1110, 5.3683, 51.6457
Hunter-Lab	72.3297, 35.7723, -3.1892

Details

The Yxy color **52.3159, 0.3580, 0.2847** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **84.1650, 0.2831, 0.3786**, and the grayscale version is **55.2164, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.6664, 0.3143, 0.2950**, and **25.5391, 0.3695, 0.2739** is the 20% darker color. If you saturate the color by 10%, you get **43.4528, 0.3766, 0.2724**, and if you desaturate by 10%, it is **63.0578, 0.3422, 0.2975**.

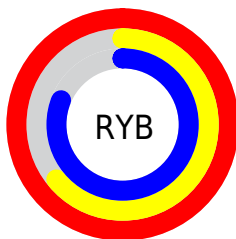
Distribution



Red (100%)

Green (64%)

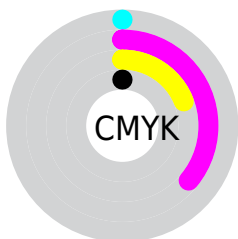
Blue (81%)



Red (100%)

Yellow (64%)

Blue (81%)

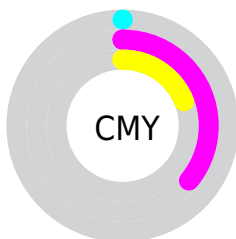


Cyan (0%)

Magenta (36%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.3159, 0.3580, 0.2847 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 52.3159, 0.3580, 0.2847 by changing the saturation by 10% instead.


 52.3159, 0.3580,
0.2847

 52.3159, 0.3580,
0.2847


395.6549, 0.3362,
0.3057

 37.2569, 0.3632,
0.2798


 93.5970, 0.3502,
0.2921

 25.4065, 0.3698,
0.2737


 120.5878, 0.3473,
0.2949

 16.3802, 0.3783,
0.2658


152.3248, 0.3448,
0.2974

 9.7936, 0.3897,
0.2554

189.1923, 0.3426,
0.2995

 5.2623, 0.4059,
0.2409

231.5746, 0.3407,
0.3013

 2.4020, 0.4306,
0.2195

279.8563, 0.3390,

 0.8269, 0.4724,

0.3029

0.1850

334.4216, 0.3375,
0.3044

■ 0.0000, 0.7425,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.3159, 0.3580,
0.2847

■ 52.3159, 0.3580,
0.2847

■ 43.4528, 0.3766,
0.2724

■ 63.0578, 0.3422,
0.2975

■ 36.3673, 0.3983,
0.2615

■ 75.7910, 0.3290,
0.3102

■ 30.9329, 0.4225,
0.2531

■ 90.6067, 0.3180,
0.3224

■ 27.0104, 0.4487,
0.2487

100.0000, 0.3127,
0.3290

■ 24.4374, 0.4755,
0.2493

■ 23.0129, 0.5013,
0.2555

■ 22.6279, 0.5120,
0.2594

Harmonies

Analogous

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



52.3159, 0.3028, 0.2565



52.3159, 0.3580, 0.2847



52.3159, 0.4028, 0.3233

Triad

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



52.3159, 0.3580, 0.2847



52.3159, 0.3671, 0.4260



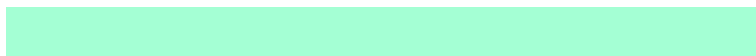
52.3159, 0.2154, 0.2779

Complementary

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



52.3159, 0.3580, 0.2847



84.1650, 0.2831, 0.3786

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.



52.3159, 0.2293, 0.3248



52.3159, 0.3580, 0.2847



52.3159, 0.3150, 0.4188

Square

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



52.3159, 0.3580, 0.2847



52.3159, 0.4066, 0.4038



52.3159, 0.2648, 0.3794



52.3159, 0.2244, 0.2503

Rectangle

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



52.3159, 0.3580, 0.2847



52.3159, 0.4183, 0.3516



52.3159, 0.2648, 0.3794



52.3159, 0.2175, 0.2917

Sweetspot

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



52.3125, 0.3580, 0.2847



82.4742, 0.3236, 0.3160



47.6186, 0.2817, 0.2306



17.2291, 0.3251, 0.3143



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.



52.3125, 0.3580, 0.2847



45.6564, 0.3713, 0.2756



51.0340, 0.3986, 0.3309



18.1300, 0.3220, 0.3178



11.8532, 0.5081, 0.2573



1.1760, 0.4812, 0.2424

Inverse Universe

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



52.3125, 0.3580, 0.2847



45.6564, 0.3713, 0.2756



85.6676, 0.2621, 0.3272



18.1300, 0.3220, 0.3178



11.8532, 0.5081, 0.2573



1.1760, 0.4812, 0.2424

Previews

White Background



This preview shows how the Yxy color 52.3159, 0.3580, 0.2847 looks on a white background.

Color Contrast Check

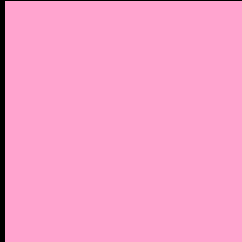
Large Text (above 18pt) WCAG AA × Fail

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 52.3159, 0.3580, 0.2847 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

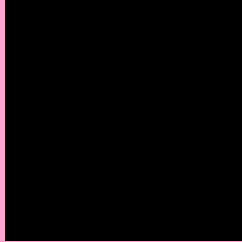
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.3159, 0.3580, 0.2847

Background



This preview shows how black text looks on a background with the Yxy color 52.3159, 0.3580, 0.2847.



This preview shows how white text looks on a background with the Yxy color 52.3159, 0.3580, 0.2847.

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

52.3159, 0.3580, 0.2847

Protanopia

52.6478, 0.2853, 0.2882

Deuteranopia

52.4087, 0.3153, 0.3088



Tritanopia

52.4076, 0.3784, 0.3165

Trichromacy



Original Color

52.3159, 0.3580, 0.2847



Protanomaly

51.9586, 0.3089, 0.2864



Deuteranomaly

51.8884, 0.3304, 0.2995



Tritanomaly

52.2378, 0.3714, 0.3049

Monochromacy



Original Color

52.3159, 0.3580, 0.2847



Achromatopsia

55.2011, 0.3127, 0.3290



Achromatomaly

53.2028, 0.3279, 0.3105

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.3159, 0.3580, 0.2847 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, 164, 207)` looks like.

```
.text, #text, p{  
    color:rgb(255, 164, 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, 164, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 164, 207) }
```

Border

The CSS property to change the border of an element to Yxy 52.3159, 0.3580, 0.2847 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, 164, 207) }
```

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

```
.border{ border-color:rgb(255, 164, 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, 164, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 164, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 164, 207);  
box-shadow:4px 4px 4px 4px rgb(255, 164,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 52.3159, 0.3580, 0.2847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 164, 207) }
```

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

```
.background{ background-color: rgb(255,  
164, 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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