

Converting Colors

Yxy(51.7504, 0.3608, 0.2863)

Have a look what the booklet for
Yxy(51.7504, 0.3608, 0.2863)
contains.

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Color

Yxy(51.8140, 0.3609, 0.2867)

Conversions

Conversions Part 1

Format	Color
Hex	FFA3CC
RGB	255, 163, 204
RGB Percent	100%, 64%, 80%
CMY	0.0002, 0.3607, 0.2000
CMYK	0.00, 0.36, 0.20, 0.00
HSL	333°, 100%, 82%
HSV	333°, 36%, 100%
XYZ	65.2238, 51.8140, 63.6877
YIQ	195.1820, 41.6710, 32.2550

Conversions

Conversions Part 2

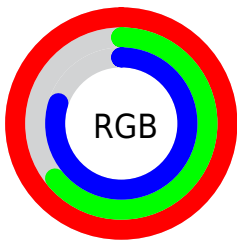
Format	Color
R _Y B	255, 163, 204
Decimal	16753612
CIE Lab	77.17, 39.43, -6.62
CIE LCh	77, 39.981, 350.463
Yxy	51.8140, 0.3609, 0.2867
Android (android.graphics.Color)	4294943692 (0xFFFFA3CC)
YUV	195.1820, 4.3473, 52.4604
Hunter-Lab	71.9819, 35.7729, -2.0708

Details

The Yxy color **51.8140, 0.3609, 0.2867** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **84.1365, 0.2816, 0.3762**, and the grayscale version is **54.6443, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.1430, 0.3144, 0.2940**, and **25.2242, 0.3737, 0.2764** is the 20% darker color. If you saturate the color by 10%, you get **43.0072, 0.3808, 0.2751**, and if you desaturate by 10%, it is **62.5122, 0.3441, 0.2988**.

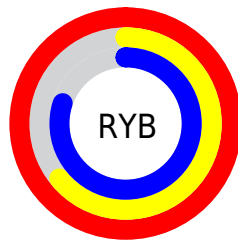
Distribution



Red (100%)

Green (64%)

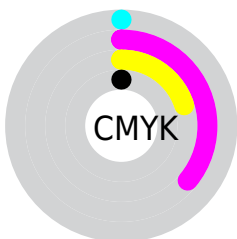
Blue (80%)



Red (100%)

Yellow (64%)

Blue (80%)

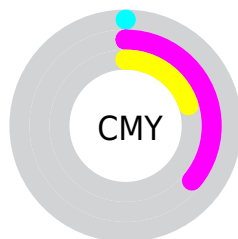


Cyan (0%)

Magenta (36%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.8140, 0.3609, 0.2867 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 51.8140, 0.3609, 0.2867 by changing the saturation by 10% instead.

 51.8140, 0.3609,
0.2867


 51.8140, 0.3609,
0.2867


393.7181, 0.3376,
0.3069

 36.8568, 0.3665,
0.2820


 92.8569, 0.3526,
0.2938

 25.0967, 0.3736,
0.2760


 119.7114, 0.3494,
0.2965

 16.1491, 0.3827,
0.2684


151.3004, 0.3467,
0.2989

 9.6297, 0.3952,
0.2582

188.0085, 0.3444,
0.3009

 5.1541, 0.4128,
0.2440

230.2199, 0.3424,
0.3027

 2.3380, 0.4399,
0.2229

278.3190, 0.3406,

 0.7937, 0.4866,

0.3042

0.1879

332.6903, 0.3390,
0.3056

0.0000, 0.8450,
0.0000

0.0000, 0.0000,
0.0000

51.8140, 0.3609,
0.2867

51.8140, 0.3609,
0.2867

43.0072, 0.3808,
0.2751

62.5122, 0.3441,
0.2988

35.9726, 0.4038,
0.2649

75.1971, 0.3302,
0.3108

30.5887, 0.4297,
0.2573

89.9664, 0.3187,
0.3224

26.7155, 0.4576,
0.2536

99.9918, 0.3127,
0.3290

■ 24.1891, 0.4861,
0.2551

■ 22.8067, 0.5132,
0.2620

■ 22.4580, 0.5235,
0.2658

Harmonies

Analogous

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



51.8140, 0.3059, 0.2578



51.8140, 0.3609, 0.2867



51.8140, 0.4045, 0.3257

Triad

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



51.8140, 0.3609, 0.2867



51.8140, 0.3644, 0.4263



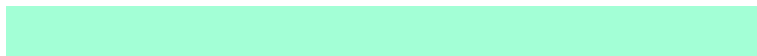
51.8140, 0.2154, 0.2759

Complementary

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



51.8140, 0.3609, 0.2867



84.1365, 0.2816, 0.3762

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.



51.8140, 0.2280, 0.3218



51.8140, 0.3609, 0.2867



51.8140, 0.3120, 0.4172

Square

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



51.8140, 0.3609, 0.2867



51.8140, 0.4048, 0.4055



51.8140, 0.2624, 0.3764



51.8140, 0.2256, 0.2495

Rectangle

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



51.8140, 0.3609, 0.2867



51.8140, 0.4188, 0.3540



51.8140, 0.2624, 0.3764



51.8140, 0.2171, 0.2893

Sweetspot

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



51.8164, 0.3609, 0.2867



82.4295, 0.3241, 0.3167



47.6569, 0.2837, 0.2301



17.2185, 0.3257, 0.3152



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.



51.8164, 0.3609, 0.2867



45.5227, 0.3744, 0.2785



51.7648, 0.3987, 0.3341



18.1216, 0.3224, 0.3185



11.7683, 0.5195, 0.2635



1.1674, 0.4912, 0.2480

Inverse Universe

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



51.8164, 0.3609, 0.2867



45.5227, 0.3744, 0.2785



83.6022, 0.2612, 0.3238



18.1216, 0.3224, 0.3185



11.7683, 0.5195, 0.2635



1.1674, 0.4912, 0.2480

Previews

White Background



This preview shows how the Yxy color 51.8140, 0.3609, 0.2867 looks on a white background.

Color Contrast Check

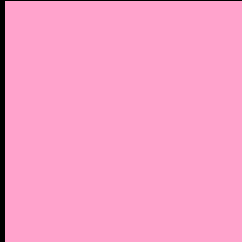
Large Text (above 18pt) WCAG AA × Fail

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 51.8140, 0.3609, 0.2867 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

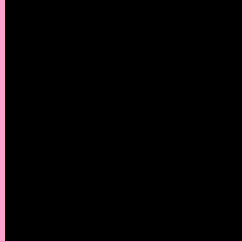
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.8140, 0.3609, 0.2867

Background



This preview shows how black text looks on a background with the Yxy color 51.8140, 0.3609, 0.2867.



This preview shows how white text looks on a background with the Yxy color 51.8140, 0.3609, 0.2867.

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

51.8140, 0.3609, 0.2867

Protanopia

51.9299, 0.2865, 0.2902

Deuteranopia

51.8472, 0.3177, 0.3111



Tritanopia

51.6282, 0.3800, 0.3154

Trichromacy



Original Color

51.8140, 0.3609, 0.2867



Protanomaly

51.2505, 0.3105, 0.2884



Deuteranomaly

51.3493, 0.3331, 0.3017



Tritanomaly

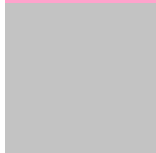
51.8292, 0.3726, 0.3049

Monochromacy



Original Color

51.8140, 0.3609, 0.2867



Achromatopsia

54.5724, 0.3127, 0.3290



Achromatomaly

52.6959, 0.3296, 0.3116

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.8140, 0.3609, 0.2867 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, 163, 204)` looks like.

```
.text, #text, p{  
    color:rgb(255, 163, 204)  
}
```

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, 163, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 163, 204) }
```

Border

The CSS property to change the border of an element to Yxy 51.8140, 0.3609, 0.2867 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, 163, 204) }
```

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

```
.border{ border-color:rgb(255, 163, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 163, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 163, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 163, 204);  
box-shadow:4px 4px 4px 4px rgb(255, 163,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 51.8140, 0.3609, 0.2867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 163, 204) }
```

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

```
.background{ background-color: rgb(255,  
163, 204) }
```

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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