

Converting Colors

Yxy(50.9231, 0.3618, 0.2845)

Have a look what the booklet for
Yxy(50.9231, 0.3618, 0.2845)
contains.

Yxy(51.1094, 0.3613, 0.2846)	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(51.1094, 0.3613, 0.2846)

Conversions

Conversions Part 1

Format	Color
Hex	FFA1CC
RGB	255, 161, 204
RGB Percent	100%, 63%, 80%
CMY	0.0000, 0.3686, 0.1999
CMYK	0.00, 0.37, 0.20, 0.00
HSL	333°, 100%, 82%
HSV	333°, 37%, 100%
XYZ	64.8834, 51.1094, 63.5904
YIQ	194.0080, 42.2210, 33.3010

Conversions

Conversions Part 2

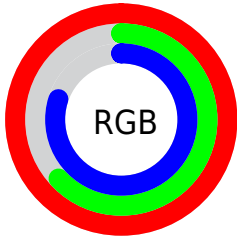
Format	Color
R _Y B	255, 161, 204
Decimal	16753100
CIE Lab	76.75, 40.49, -7.27
CIE LCh	77, 41.136, 349.820
Yxy	51.1094, 0.3613, 0.2846
Android (android.graphics.Color)	4294943180 (0xFFFFA1CC)
YUV	194.0080, 4.9261, 53.4900
Hunter-Lab	71.4908, 36.8935, -2.6943

Details

The Yxy color **51.1094, 0.3613, 0.2846** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **83.8425, 0.2816, 0.3788**, and the grayscale version is **53.9076, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.1057, 0.3145, 0.2920**, and **24.7974, 0.3743, 0.2739** is the 20% darker color. If you saturate the color by 10%, you get **42.4551, 0.3809, 0.2728**, and if you desaturate by 10%, it is **61.6445, 0.3447, 0.2970**.

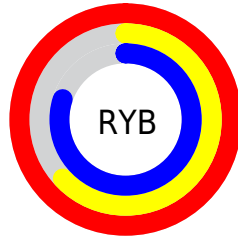
Distribution



Red (100%)

Green (63%)

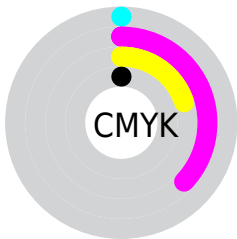
Blue (80%)



Red (100%)

Yellow (63%)

Blue (80%)

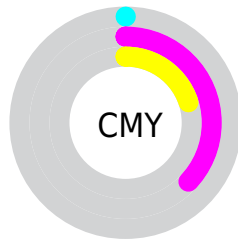


Cyan (0%)

Magenta (37%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (37%)


Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.1094, 0.3613, 0.2846 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 51.1094, 0.3613, 0.2846 by changing the saturation by 10% instead.


 51.1094, 0.3613,
0.2846


 51.1094, 0.3613,
0.2846


390.9887, 0.3378,
0.3057

 36.2957, 0.3670,
0.2796


 91.8165, 0.3529,
0.2921

 24.6626, 0.3741,
0.2734


 118.4786, 0.3497,
0.2949

 15.8259, 0.3834,
0.2654


149.8590, 0.3470,
0.2974

 9.4010, 0.3959,
0.2547

186.3420, 0.3446,
0.2995

 5.0037, 0.4138,
0.2399

228.3121, 0.3426,
0.3014

 2.2494, 0.4411,
0.2178

276.1537, 0.3408,

 0.7467, 0.4888,

0.3030

0.1806

330.2511, 0.3392,
0.3044

■ 0.0000, 0.8478,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 51.1094, 0.3613,
0.2846

■ 51.1094, 0.3613,
0.2846

■ 42.4551, 0.3809,
0.2728

■ 61.6445, 0.3447,
0.2970

■ 35.5617, 0.4036,
0.2624

■ 74.1563, 0.3308,
0.3094

■ 30.3066, 0.4290,
0.2548

■ 88.7431, 0.3194,
0.3213

■ 26.5483, 0.4562,
0.2513

99.9978, 0.3127,
0.3290

■ 24.1208, 0.4839,
0.2529

■ 22.8141, 0.5103,
0.2600

■ 22.5357, 0.5183,
0.2629

Harmonies

Analogous

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



51.1094, 0.3044, 0.2552



51.1094, 0.3613, 0.2846



51.1094, 0.4069, 0.3245

Triad

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



51.1094, 0.3613, 0.2846



51.1094, 0.3669, 0.4294



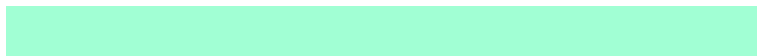
51.1094, 0.2126, 0.2748

Complementary

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



51.1094, 0.3613, 0.2846



83.8425, 0.2816, 0.3788

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.



51.1094, 0.2259, 0.3226



51.1094, 0.3613, 0.2846



51.1094, 0.3130, 0.4210

Square

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



51.1094, 0.3613, 0.2846



51.1094, 0.4084, 0.4070



51.1094, 0.2616, 0.3792



51.1094, 0.2225, 0.2474

Rectangle

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



51.1094, 0.3613, 0.2846



51.1094, 0.4222, 0.3535



51.1094, 0.2616, 0.3792



51.1094, 0.2144, 0.2888

Sweetspot

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



51.1118, 0.3613, 0.2846



82.4496, 0.3239, 0.3164



46.5805, 0.2817, 0.2274



17.2233, 0.3254, 0.3148



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.



51.1118, 0.3613, 0.2846



44.7472, 0.3750, 0.2760



50.4330, 0.4021, 0.3326



18.1254, 0.3222, 0.3182



11.8059, 0.5144, 0.2607



1.1712, 0.4867, 0.2455

Inverse Universe

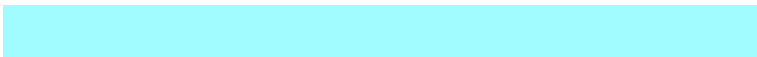
The Inverse Universe completely reimagines the original color for something new.



51.1118, 0.3613, 0.2846



44.7472, 0.3750, 0.2760



84.3275, 0.2605, 0.3254



18.1254, 0.3222, 0.3182



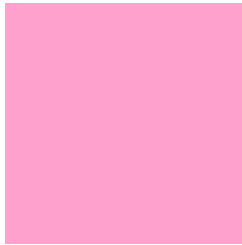
11.8059, 0.5144, 0.2607



1.1712, 0.4867, 0.2455

Previews

White Background



This preview shows how the Yxy color 51.1094, 0.3613, 0.2846 looks on a white background.

Color Contrast Check

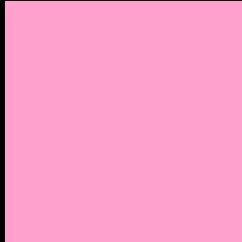
Large Text (above 18pt) WCAG AA × Fail

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 51.1094, 0.3613, 0.2846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

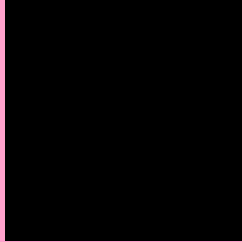
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.1094, 0.3613, 0.2846

Background



This preview shows how black text looks on a background with the Yxy color 51.1094, 0.3613, 0.2846.



This preview shows how white text looks on a background with the Yxy color 51.1094, 0.3613, 0.2846.

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

51.1094, 0.3613, 0.2846

Protanopia

51.3772, 0.2857, 0.2889

Deuteranopia

51.2885, 0.3170, 0.3098



Tritanopia

51.1822, 0.3822, 0.3164

Trichromacy



Original Color

51.1094, 0.3613, 0.2846



Protanomaly

50.4487, 0.3105, 0.2861



Deuteranomaly

50.9557, 0.3332, 0.3005



Tritanomaly

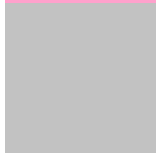
51.0214, 0.3750, 0.3049

Monochromacy



Original Color

51.1094, 0.3613, 0.2846



Achromatopsia

53.9479, 0.3127, 0.3290



Achromatomaly

52.1320, 0.3289, 0.3104

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.1094, 0.3613, 0.2846 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, 161, 204)` looks like.

```
.text, #text, p{  
    color:rgb(255, 161, 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, 161, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 161, 204) }
```

Border

The CSS property to change the border of an element to Yxy 51.1094, 0.3613, 0.2846 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, 161, 204) }
```

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

```
.border{ border-color:rgb(255, 161, 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, 161, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 161, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 161, 204);  
box-shadow:4px 4px 4px 4px rgb(255, 161,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 51.1094, 0.3613, 0.2846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 161, 204) }
```

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

```
.background{ background-color: rgb(255,  
161, 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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