

Converting Colors

Yxy(51.5317, 0.3624, 0.2824)

Have a look what the booklet for
Yxy(51.5317, 0.3624, 0.2824)
contains.

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Color

Yxy(50.8578, 0.3597, 0.2816)

Conversions

Conversions Part 1

Format	Color
Hex	FFA0CE
RGB	255, 160, 206
RGB Percent	100%, 63%, 81%
CMY	0.0000, 0.3726, 0.1922
CMYK	0.00, 0.37, 0.19, 0.00
HSL	331°, 100%, 81%
HSV	331°, 37%, 100%
XYZ	64.9629, 50.8578, 64.7823
YIQ	193.6490, 41.8540, 34.4460

Conversions

Conversions Part 2

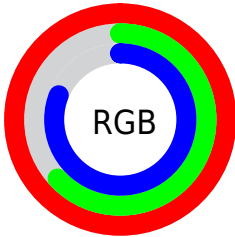
Format	Color
R _Y B	255, 160, 206
Decimal	16752846
CIE Lab	76.59, 41.33, -8.57
CIE LCh	77, 42.205, 348.282
Yxy	50.8578, 0.3597, 0.2816
Android (android.graphics.Color)	4294942926 (0xFFFFA0CE)
YUV	193.6490, 6.0890, 53.8048
Hunter-Lab	71.3147, 37.8009, -3.9388

Details

The Yxy color **50.8578, 0.3597, 0.2816** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **83.5946, 0.2826, 0.3825**, and the grayscale version is **53.6680, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.5917, 0.3145, 0.2910**, and **24.6527, 0.3720, 0.2701** is the 20% darker color. If you saturate the color by 10%, you get **42.2874, 0.3783, 0.2691**, and if you desaturate by 10%, it is **61.2826, 0.3438, 0.2947**.

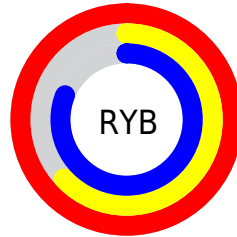
Distribution



Red (100%)

Green (63%)

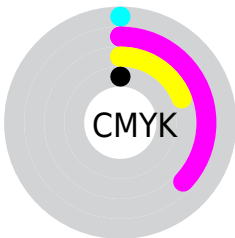
Blue (81%)



Red (100%)

Yellow (63%)

Blue (81%)

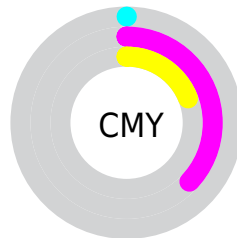


Cyan (0%)

Magenta (37%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (37%)

Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.8578, 0.3597, 0.2816 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 50.8578, 0.3597, 0.2816 by changing the saturation by 10% instead.


 50.8578, 0.3597,
0.2816

 50.8578, 0.3597,
0.2816


390.0111, 0.3370,
0.3041

 36.0955, 0.3651,
0.2763


 91.4445, 0.3516,
0.2895

 24.5079, 0.3720,
0.2697


 118.0377, 0.3485,
0.2926

 15.7108, 0.3809,
0.2613


149.3433, 0.3459,
0.2952

 9.3198, 0.3928,
0.2501

185.7457, 0.3436,
0.2974

 4.9503, 0.4099,
0.2345

227.6293, 0.3417,
0.2994

 2.2181, 0.4358,
0.2115

275.3784, 0.3399,

 0.7299, 0.4809,

0.3012

0.1730

329.3775, 0.3384,
0.3027

0.0000, 0.7752,
0.0000

0.0000, 0.0000,
0.0000

50.8578, 0.3597,
0.2816

50.8578, 0.3597,
0.2816

42.2874, 0.3783,
0.2691

61.2826, 0.3438,
0.2947

35.4765, 0.3998,
0.2583

73.6832, 0.3305,
0.3077

30.2938, 0.4237,
0.2502

88.1495, 0.3195,
0.3203

26.5973, 0.4493,
0.2462

100.0000, 0.3127,
0.3290

■ 24.2198, 0.4753,
0.2475

■ 22.9462, 0.5003,
0.2542

■ 22.7023, 0.5069,
0.2566

Harmonies

Analogous

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



50.8578, 0.3011, 0.2523



50.8578, 0.3597, 0.2816



50.8578, 0.4077, 0.3219

Triad

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



50.8578, 0.3597, 0.2816



50.8578, 0.3708, 0.4317



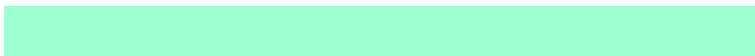
50.8578, 0.2102, 0.2753

Complementary

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



50.8578, 0.3597, 0.2816



83.5946, 0.2826, 0.3825

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.



50.8578, 0.2250, 0.3252



50.8578, 0.3597, 0.2816



50.8578, 0.3158, 0.4252

Square

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



50.8578, 0.3597, 0.2816



50.8578, 0.4124, 0.4071



50.8578, 0.2626, 0.3835



50.8578, 0.2192, 0.2461

Rectangle

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



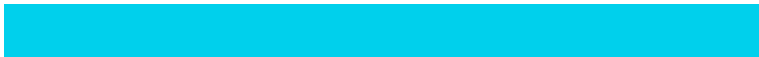
50.8578, 0.3597, 0.2816



50.8578, 0.4245, 0.3516



50.8578, 0.2626, 0.3835



50.8578, 0.2125, 0.2899

Sweetspot

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



50.8518, 0.3597, 0.2816



82.4939, 0.3234, 0.3157



45.6920, 0.2788, 0.2255



17.2338, 0.3248, 0.3140



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.



50.8518, 0.3597, 0.2816



44.0666, 0.3738, 0.2719



48.9332, 0.4048, 0.3293



18.1337, 0.3218, 0.3175



11.8923, 0.5031, 0.2545



1.1799, 0.4768, 0.2400

Inverse Universe

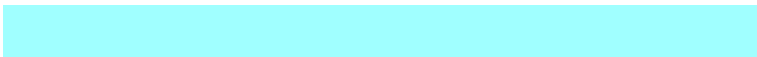
The Inverse Universe completely reimagines the original color for something new.



50.8518, 0.3597, 0.2816



44.0666, 0.3738, 0.2719



86.2118, 0.2605, 0.3288



18.1337, 0.3218, 0.3175



11.8923, 0.5031, 0.2545



1.1799, 0.4768, 0.2400

Previews

White Background



This preview shows how the Yxy color 50.8578, 0.3597, 0.2816 looks on a white background.

Color Contrast Check

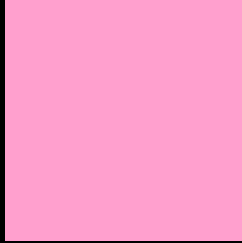
Large Text (above 18pt) WCAG AA × Fail

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 50.8578, 0.3597, 0.2816 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

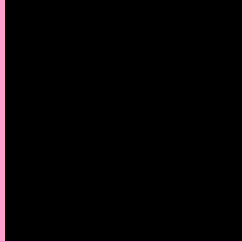
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.8578, 0.3597, 0.2816

Background



This preview shows how black text looks on a background with the Yxy color 50.8578, 0.3597, 0.2816.



This preview shows how white text looks on a background with the Yxy color 50.8578, 0.3597, 0.2816.

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

50.8578, 0.3597, 0.2816

Protanopia

51.2933, 0.2822, 0.2853

Deuteranopia

51.1018, 0.3137, 0.3074



Tritanopia

50.8201, 0.3825, 0.3154

Trichromacy



Original Color

50.8578, 0.3597, 0.2816



Protanomaly

50.4059, 0.3082, 0.2838



Deuteranomaly

50.3439, 0.3299, 0.2969



Tritanomaly

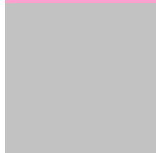
50.7079, 0.3743, 0.3028

Monochromacy



Original Color

50.8578, 0.3597, 0.2816



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 50.8578, 0.3597, 0.2816 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, 160, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 160, 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, 160, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 160, 206) }
```

Border

The CSS property to change the border of an element to Yxy 50.8578, 0.3597, 0.2816 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, 160, 206) }
```

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

```
.border{ border-color:rgb(255, 160, 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, 160, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 160, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 160, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 160,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 50.8578, 0.3597, 0.2816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 160, 206) }
```

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

```
.background{ background-color: rgb(255,  
160, 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](#).

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