

Converting Colors

Yxy(57.3983, 0.3481, 0.2888)

Have a look what the booklet for
Yxy(57.3983, 0.3481, 0.2888)
contains.

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Color

Yxy(57.2685, 0.3479, 0.2881)

Conversions

Conversions Part 1

Format	Color
Hex	FFB0D8
RGB	255, 176, 216
RGB Percent	100%, 69%, 85%
CMY	0.0000, 0.3098, 0.1530
CMYK	0.00, 0.31, 0.15, 0.00
HSL	330°, 100%, 85%
HSV	330°, 31%, 100%
XYZ	69.1555, 57.2685, 72.3559
YIQ	204.1810, 34.2440, 29.1880

Conversions

Conversions Part 2

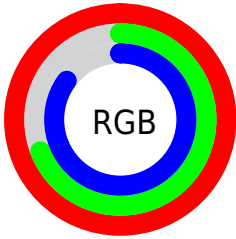
Format	Color
R _Y B	255, 176, 216
Decimal	16756952
CIE Lab	80.33, 34.49, -8.44
CIE LCh	80, 35.511, 346.247
Yxy	57.2685, 0.3479, 0.2881
Android (android.graphics.Color)	4294947032 (0xFFFFB0D8)
YUV	204.1810, 5.8268, 44.5683
Hunter-Lab	75.6760, 30.6871, -3.7157

Details

The Yxy color **57.2685, 0.3479, 0.2881** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **85.6565, 0.2880, 0.3741**, and the grayscale version is **60.4512, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.1932, 0.3138, 0.3068**, and **28.3626, 0.3569, 0.2779** is the 20% darker color. If you saturate the color by 10%, you get **47.5656, 0.3640, 0.2746**, and if you desaturate by 10%, it is **68.9047, 0.3343, 0.3018**.

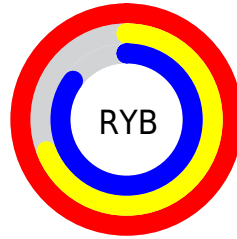
Distribution



Red (100%)

Green (69%)

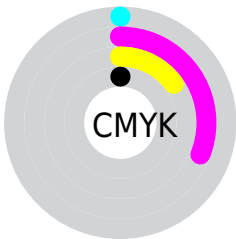
Blue (85%)



Red (100%)

Yellow (69%)

Blue (85%)

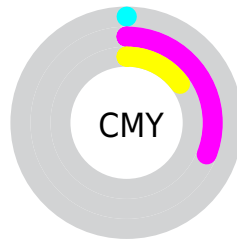


Cyan (0%)

Magenta (31%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (31%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.2685, 0.3479, 0.2881 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 57.2685, 0.3479, 0.2881 by changing the saturation by 10% instead.

 57.2685, 0.3479,
0.2881

 57.2685, 0.3479,
0.2881

414.4547, 0.3312,
0.3072

 41.2208, 0.3518,
0.2837


 100.8569, 0.3420,
0.2948

 28.4917, 0.3567,
0.2782


129.1664, 0.3398,
0.2973

 18.6966, 0.3629,
0.2713


162.3319, 0.3379,
0.2996

 11.4513, 0.3712,
0.2622

200.7380, 0.3362,
0.3015

 6.3712, 0.3828,
0.2497

244.7689, 0.3347,
0.3032

 3.0721, 0.4000,
0.2316


294.8090, 0.3334,

 1.1695, 0.4280,

0.3047

0.2031

351.2428, 0.3323,
0.3060

 0.0366, 0.5682,
0.0237


 0.0000, 0.0000,
0.0000

 57.2685, 0.3479,
0.2881


 57.2685, 0.3479,
0.2881

 47.5656, 0.3640,
0.2746

 68.9047, 0.3343,
0.3018

 39.6815, 0.3828,
0.2621

 82.5646, 0.3229,
0.3151

 33.5020, 0.4041,
0.2516

 98.3422, 0.3135,
0.3278

 28.8964, 0.4275,
0.2444

99.9991, 0.3127,
0.3290

■ 25.7147, 0.4520,
0.2418

■ 23.7773, 0.4764,
0.2446

■ 22.8444, 0.4976,
0.2515

Harmonies

Analogous

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



57.2685, 0.3006, 0.2642



57.2685, 0.3479, 0.2881



57.2685, 0.3873, 0.3216

Triad

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



57.2685, 0.3479, 0.2881



57.2685, 0.3637, 0.4115



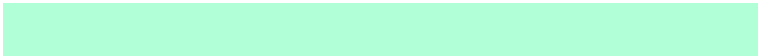
57.2685, 0.2283, 0.2884

Complementary

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



57.2685, 0.3479, 0.2881



85.6565, 0.2880, 0.3741

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.



57.2685, 0.2425, 0.3299



57.2685, 0.3479, 0.2881



57.2685, 0.3193, 0.4067

Square

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



57.2685, 0.3479, 0.2881



57.2685, 0.3957, 0.3920



57.2685, 0.2751, 0.3754



57.2685, 0.2345, 0.2624

Rectangle

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



57.2685, 0.3479, 0.2881



57.2685, 0.4022, 0.3464



57.2685, 0.2751, 0.3754



57.2685, 0.2308, 0.3009

Sweetspot

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



57.2711, 0.3479, 0.2881



85.5125, 0.3209, 0.3177



52.5996, 0.2848, 0.2441



17.8370, 0.3224, 0.3158



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.



57.2711, 0.3479, 0.2881



51.2007, 0.3573, 0.2799



55.5021, 0.3824, 0.3278



18.1404, 0.3214, 0.3170



11.9674, 0.4939, 0.2495



1.1873, 0.4688, 0.2356

Inverse Universe

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



57.2711, 0.3479, 0.2881



51.2007, 0.3573, 0.2799



87.8836, 0.2687, 0.3303



18.1404, 0.3214, 0.3170



11.9674, 0.4939, 0.2495



1.1873, 0.4688, 0.2356

Previews

White Background



This preview shows how the Yxy color 57.2685, 0.3479, 0.2881 looks on a white background.

Color Contrast Check

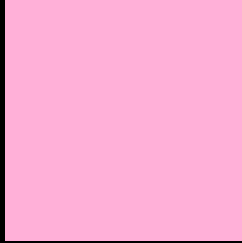
Large Text (above 18pt) WCAG AA × Fail

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 57.2685, 0.3479, 0.2881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

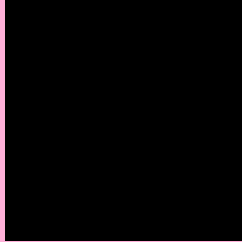
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.2685, 0.3479, 0.2881

Background



This preview shows how black text looks on a background with the Yxy color 57.2685, 0.3479, 0.2881.



This preview shows how white text looks on a background with the Yxy color 57.2685, 0.3479, 0.2881.

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

57.2685, 0.3479, 0.2881

Protanopia

57.5707, 0.2875, 0.2918

Deuteranopia

57.5338, 0.3137, 0.3073



Tritanopia

57.2330, 0.3637, 0.3144

Trichromacy



Original Color

57.2685, 0.3479, 0.2881



Protanomaly

56.8621, 0.3074, 0.2898



Deuteranomaly

56.8897, 0.3256, 0.2992



Tritanomaly

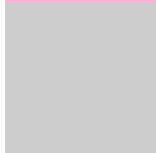
57.3871, 0.3578, 0.3051

Monochromacy



Original Color

57.2685, 0.3479, 0.2881



Achromatopsia

60.3827, 0.3127, 0.3290



Achromatomaly

58.8256, 0.3255, 0.3133

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.2685, 0.3479, 0.2881 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, 176, 216)` looks like.

```
.text, #text, p{  
    color:rgb(255, 176, 216)  
}
```

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, 176, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 176, 216) }
```

Border

The CSS property to change the border of an element to Yxy 57.2685, 0.3479, 0.2881 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, 176, 216) }
```

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

```
.border{ border-color:rgb(255, 176, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 176, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 176, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 176, 216);  
box-shadow:4px 4px 4px 4px rgb(255, 176,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 57.2685, 0.3479, 0.2881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 176, 216) }
```

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

```
.background{ background-color: rgb(255,  
176, 216) }
```

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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