

Converting Colors

$Y_{xy}(77.5191, 0.4148, 0.2951)$

Have a look what the booklet for
Yxy(77.5191, 0.4148, 0.2951)
contains.

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Color

Yxy(57.0344, 0.3455, 0.2841)

Conversions

Conversions Part 1

Format	Color
Hex	FFAFDB
RGB	255, 175, 219
RGB Percent	100%, 69%, 86%
CMY	0.0000, 0.3137, 0.1412
CMYK	0.00, 0.31, 0.14, 0.00
HSL	327°, 100%, 84%
HSV	327°, 31%, 100%
XYZ	69.3607, 57.0344, 74.3595
YIQ	203.9360, 33.5560, 30.6440

Conversions

Conversions Part 2

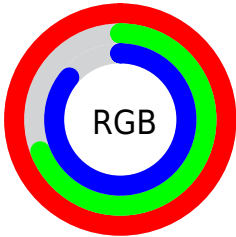
Format	Color
R _Y B	255, 175, 219
Decimal	16756699
CIE Lab	80.20, 35.50, -10.27
CIE LCh	80, 36.958, 343.874
Yxy	57.0344, 0.3455, 0.2841
Android (android.graphics.Color)	4294946779 (0xFFFFAFDB)
YUV	203.9360, 7.4266, 44.7831
Hunter-Lab	75.5211, 31.7775, -5.5133

Details

The Yxy color **57.0344, 0.3455, 0.2841** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **85.3374, 0.2895, 0.3789**, and the grayscale version is **60.2742, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.6318, 0.3138, 0.3058**, and **28.2254, 0.3535, 0.2729** is the 20% darker color. If you saturate the color by 10%, you get **47.4423, 0.3602, 0.2696**, and if you desaturate by 10%, it is **68.5384, 0.3330, 0.2989**.

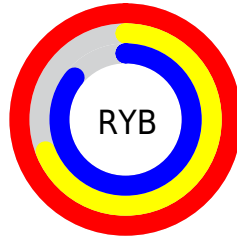
Distribution



Red (100%)

Green (69%)

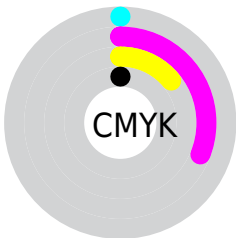
Blue (86%)



Red (100%)

Yellow (69%)

Blue (86%)

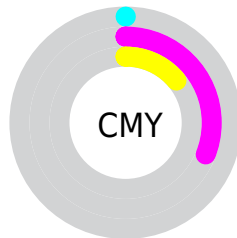


Cyan (0%)

Magenta (31%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (31%)

Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.0344, 0.3455, 0.2841 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 57.0344, 0.3455, 0.2841 by changing the saturation by 10% instead.


 57.0344, 0.3455,
0.2841

 57.0344, 0.3455,
0.2841


413.5782, 0.3301,
0.3050

 41.0329, 0.3491,
0.2793


 100.5154, 0.3401,
0.2914

 28.3448, 0.3536,
0.2734

128.7636, 0.3380,
0.2942

 18.5857, 0.3593,
0.2659


161.8629, 0.3362,
0.2966

 11.3713, 0.3668,
0.2561

200.1975, 0.3347,
0.2987

 6.3172, 0.3773,
0.2426

244.1520, 0.3333,
0.3006

 3.0389, 0.3927,
0.2233


294.1107, 0.3321,

 1.1521, 0.4174,


0.3022

0.1934


350.4579, 0.3310,
0.3037

 0.0220, 0.5378,
0.0133


 0.0000, 0.0000,
0.0000


 57.0344, 0.3455,
0.2841

 57.0344, 0.3455,
0.2841


 47.4423, 0.3602,
0.2696


 68.5384, 0.3330,
0.2989

 39.6613, 0.3771,
0.2561

 82.0585, 0.3225,
0.3134

 33.5723, 0.3962,
0.2447

 97.6842, 0.3138,
0.3272

 29.0444, 0.4171,
0.2367

100.0000, 0.3127,
0.3290

■ 25.9270, 0.4388,
0.2333

■ 24.0392, 0.4605,
0.2354

■ 23.1595, 0.4786,
0.2410

Harmonies

Analogous

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



57.0344, 0.2963, 0.2604



57.0344, 0.3455, 0.2841



57.0344, 0.3879, 0.3182

Triad

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



57.0344, 0.3455, 0.2841



57.0344, 0.3689, 0.4141



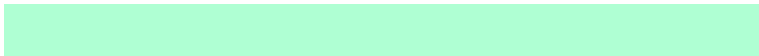
57.0344, 0.2255, 0.2895

Complementary

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



57.0344, 0.3455, 0.2841



85.3374, 0.2895, 0.3789

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.



57.0344, 0.2417, 0.3336



57.0344, 0.3455, 0.2841



57.0344, 0.3232, 0.4117

Square

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



57.0344, 0.3455, 0.2841



57.0344, 0.4009, 0.3919



57.0344, 0.2768, 0.3809



57.0344, 0.2302, 0.2611

Rectangle

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



57.0344, 0.3455, 0.2841



57.0344, 0.4048, 0.3438



57.0344, 0.2768, 0.3809



57.0344, 0.2286, 0.3029

Sweetspot

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



57.0325, 0.3455, 0.2841



85.5737, 0.3203, 0.3167



51.7274, 0.2823, 0.2424



17.8521, 0.3216, 0.3147



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.



57.0325, 0.3455, 0.2841



50.4700, 0.3550, 0.2744



55.1733, 0.3812, 0.3250



18.1542, 0.3208, 0.3160



12.1319, 0.4753, 0.2392



1.2033, 0.4528, 0.2268

Inverse Universe

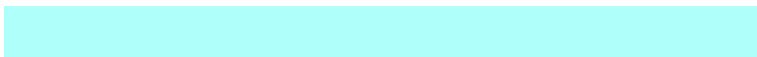
The Inverse Universe completely reimagines the original color for something new.



57.0325, 0.3455, 0.2841



50.4700, 0.3550, 0.2744



87.5986, 0.2695, 0.3332



18.1542, 0.3208, 0.3160



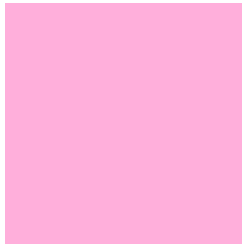
12.1319, 0.4753, 0.2392



1.2033, 0.4528, 0.2268

Previews

White Background



This preview shows how the Yxy color 57.0344, 0.3455, 0.2841 looks on a white background.

Color Contrast Check

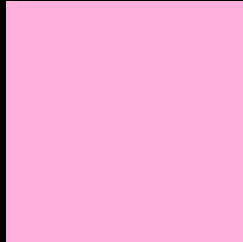
Large Text (above 18pt) WCAG AA × Fail

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 57.0344, 0.3455, 0.2841 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

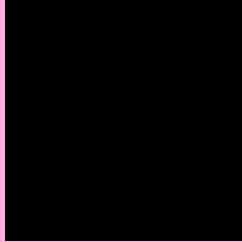
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.0344, 0.3455, 0.2841

Background



This preview shows how black text looks on a background with the Yxy color 57.0344, 0.3455, 0.2841.



This preview shows how white text looks on a background with the Yxy color 57.0344, 0.3455, 0.2841.

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

57.0344, 0.3455, 0.2841

Protanopia

57.5351, 0.2835, 0.2873

Deuteranopia

57.3903, 0.3100, 0.3038



Tritanopia

57.1882, 0.3646, 0.3155

Trichromacy



Original Color

57.0344, 0.3455, 0.2841



Protanomaly

56.9311, 0.3038, 0.2855



Deuteranomaly

56.8813, 0.3224, 0.2959



Tritanomaly

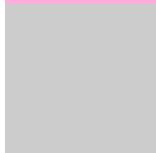
56.9877, 0.3580, 0.3041

Monochromacy



Original Color

57.0344, 0.3455, 0.2841



Achromatopsia

60.3827, 0.3127, 0.3290



Achromatomaly

58.4314, 0.3248, 0.3111

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.0344, 0.3455, 0.2841 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, 175, 219)` looks like.

```
.text, #text, p{  
    color:rgb(255, 175, 219)  
}
```

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, 175, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 175, 219) }
```

Border

The CSS property to change the border of an element to Yxy 57.0344, 0.3455, 0.2841 is called "border". The border property can be set on classes, ids or directly on the HTML element.

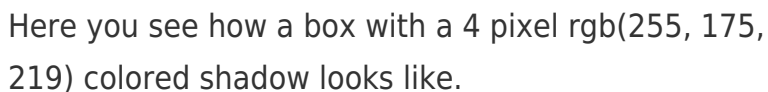
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 175, 219) }
```

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

```
.border{ border-color:rgb(255, 175, 219) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 175, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 175, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 175, 219);  
box-shadow:4px 4px 4px 4px rgb(255, 175,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 57.0344, 0.3455, 0.2841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 175, 219) }
```

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

```
.background{ background-color: rgb(255,  
175, 219) }
```

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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