

Converting Colors

Yxy(57.5611, 0.3585, 0.2898)

Have a look what the booklet for
Yxy(57.5611, 0.3585, 0.2898)
contains.

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Color

Yxy(55.9006, 0.3518, 0.2890)

Conversions

Conversions Part 1

Format	Color
Hex	FFADD4
RGB	255, 173, 212
RGB Percent	100%, 68%, 83%
CMY	0.0002, 0.3214, 0.1687
CMYK	0.00, 0.32, 0.17, 0.00
HSL	331°, 100%, 84%
HSV	331°, 32%, 100%
XYZ	68.0479, 55.9006, 69.4792
YIQ	201.9640, 36.3530, 29.5130

Conversions

Conversions Part 2

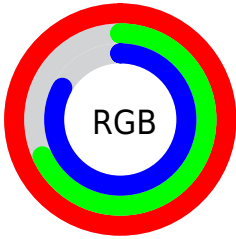
Format	Color
R_{YB}	255, 173, 212
Decimal	16756180
CIE _{Lab}	79.56, 35.41, -7.43
CIE _{LCh}	80, 36.183, 348.149
Yxy	55.9006, 0.3518, 0.2890
Android (android.graphics.Color)	4294946260 (0xFFFFADD4)
YUV	201.9640, 4.9477, 46.5126
Hunter-Lab	74.7667, 31.6175, -2.7603

Details

The Yxy color **55.9006, 0.3518, 0.2890** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **85.3257, 0.2859, 0.3731**, and the grayscale version is **58.9916, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.5186, 0.3139, 0.3039**, and **27.4983, 0.3624, 0.2791** is the 20% darker color. If you saturate the color by 10%, you get **46.3914, 0.3693, 0.2763**, and if you desaturate by 10%, it is **67.3363, 0.3370, 0.3019**.

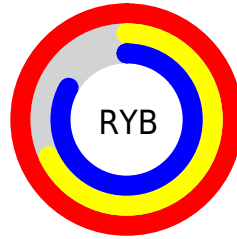
Distribution



Red (100%)

Green (68%)

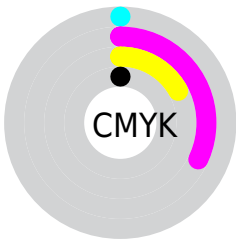
Blue (83%)



Red (100%)

Yellow (68%)

Blue (83%)

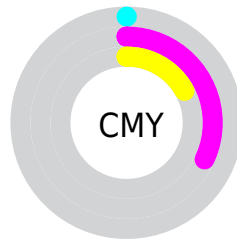


Cyan (0%)

Magenta (32%)

Yellow (17%)

Black (0%)



Cyan (0%)


Magenta (32%)

Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.9006, 0.3518, 0.2890 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 55.9006, 0.3518, 0.2890 by changing the saturation by 10% instead.


 55.9006, 0.3518,
0.2890

 55.9006, 0.3518,
0.2890


409.3168, 0.3332,
0.3078

 40.1232, 0.3562,
0.2846


 98.8592, 0.3452,
0.2956

 27.6346, 0.3617,
0.2792


126.8093, 0.3427,
0.2981

 18.0504, 0.3688,
0.2723


159.5857, 0.3405,
0.3003

 10.9862, 0.3783,
0.2632

197.5728, 0.3387,
0.3022

 6.0576, 0.3916,
0.2506

241.1551, 0.3370,
0.3039

 2.8801, 0.4116,
0.2321

290.7170, 0.3356,

 1.0695, 0.4448,

0.3053

346.6427, 0.3343,
0.3066

0.2028

0.0000, 0.6370,
0.0000

0.0000, 0.0000,
0.0000

55.9006, 0.3518,
0.2890

55.9006, 0.3518,
0.2890

46.3914, 0.3693,
0.2763

67.3363, 0.3370,
0.3019

38.6930, 0.3898,
0.2647

80.7898, 0.3248,
0.3145

32.6897, 0.4130,
0.2553

96.3563, 0.3146,
0.3265

28.2487, 0.4384,
0.2492

99.9879, 0.3127,
0.3290

■ 25.2170, 0.4649,
0.2479

■ 23.4103, 0.4911,
0.2520

■ 22.6340, 0.5107,
0.2587

Harmonies

Analogous

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



55.9006, 0.3033, 0.2638



55.9006, 0.3518, 0.2890



55.9006, 0.3913, 0.3237

Triad

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



55.9006, 0.3518, 0.2890



55.9006, 0.3623, 0.4142



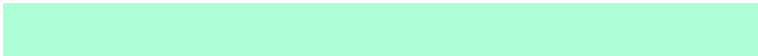
55.9006, 0.2260, 0.2850

Complementary

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



55.9006, 0.3518, 0.2890



85.3257, 0.2859, 0.3731

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.



55.9006, 0.2392, 0.3268



55.9006, 0.3518, 0.2890



55.9006, 0.3163, 0.4077

Square

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



55.9006, 0.3518, 0.2890



55.9006, 0.3964, 0.3953



55.9006, 0.2714, 0.3740



55.9006, 0.2336, 0.2596

Rectangle

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



55.9006, 0.3518, 0.2890



55.9006, 0.4054, 0.3491



55.9006, 0.2714, 0.3740



55.9006, 0.2281, 0.2975

Sweetspot

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



55.9032, 0.3518, 0.2890



83.9641, 0.3225, 0.3171



51.6191, 0.2856, 0.2412



17.5264, 0.3240, 0.3154



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.



55.9032, 0.3518, 0.2890



49.1904, 0.3635, 0.2802



54.6956, 0.3868, 0.3307



18.1309, 0.3219, 0.3177



11.8632, 0.5068, 0.2566



1.1770, 0.4801, 0.2418

Inverse Universe

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



55.9032, 0.3518, 0.2890



49.1904, 0.3635, 0.2802



86.7166, 0.2665, 0.3274



18.1309, 0.3219, 0.3177



11.8632, 0.5068, 0.2566



1.1770, 0.4801, 0.2418

Previews

White Background



This preview shows how the Yxy color 55.9006, 0.3518, 0.2890 looks on a white background.

Color Contrast Check

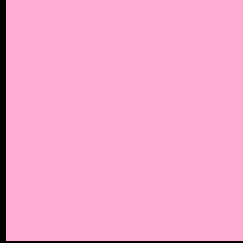
Large Text (above 18pt) WCAG AA × Fail

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 55.9006, 0.3518, 0.2890 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 55.9006, 0.3518, 0.2890

Background



This preview shows how black text looks on a background with the Yxy color 55.9006, 0.3518, 0.2890.



This preview shows how white text looks on a background with the Yxy color 55.9006, 0.3518, 0.2890.

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

55.9006, 0.3518, 0.2890

Protanopia

56.1773, 0.2886, 0.2937

Deuteranopia

56.2998, 0.3160, 0.3094



Tritanopia

55.8574, 0.3680, 0.3154

Trichromacy



Original Color

55.9006, 0.3518, 0.2890



Protanomaly

55.6340, 0.3097, 0.2917



Deuteranomaly

55.8450, 0.3290, 0.3013



Tritanomaly

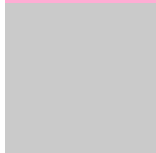
56.0105, 0.3619, 0.3061

Monochromacy



Original Color

55.9006, 0.3518, 0.2890



Achromatopsia

59.0619, 0.3127, 0.3290



Achromatomaly

57.0900, 0.3257, 0.3120

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.9006, 0.3518, 0.2890 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, 173, 212)` looks like.

```
.text, #text, p{  
    color:rgb(255, 173, 212)  
}
```

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, 173, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 173, 212) }
```

Border

The CSS property to change the border of an element to Yxy 55.9006, 0.3518, 0.2890 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, 173, 212) }
```

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

```
.border{ border-color:rgb(255, 173, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 173, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 173, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 173, 212);  
box-shadow:4px 4px 4px 4px rgb(255, 173,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 55.9006, 0.3518, 0.2890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 173, 212) }
```

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

```
.background{ background-color: rgb(255,  
173, 212) }
```

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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