

Converting Colors

Yxy(58.1637, 0.3669, 0.2985)

Have a look what the booklet for
Yxy(58.1637, 0.3669, 0.2985)
contains.

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Color

Yxy(55.9399, 0.3578, 0.2970)

Conversions

Conversions Part 1

Format	Color
Hex	FFAECD
RGB	255, 174, 205
RGB Percent	100%, 68%, 80%
CMY	0.0001, 0.3176, 0.1960
CMYK	0.00, 0.32, 0.20, 0.00
HSL	337°, 100%, 84%
HSV	337°, 32%, 100%
XYZ	67.3916, 55.9399, 65.0184
YIQ	201.7530, 38.3250, 26.8130

Conversions

Conversions Part 2

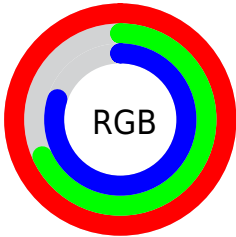
Format	Color
R _Y B	255, 174, 205
Decimal	16756429
CIE Lab	79.58, 33.87, -3.63
CIE LCh	80, 34.066, 353.890
Yxy	55.9399, 0.3578, 0.2970
Android (android.graphics.Color)	4294946509 (0xFFFFAECD)
YUV	201.7530, 1.6008, 46.6976
Hunter-Lab	74.7930, 29.9482, 0.8136

Details

The Yxy color **55.9399, 0.3578, 0.2970** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **85.8862, 0.2823, 0.3638**, and the grayscale version is **58.8748, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.0736, 0.3138, 0.3048**, and **27.7794, 0.3693, 0.2894** is the 20% darker color. If you saturate the color by 10%, you get **46.2850, 0.3786, 0.2867**, and if you desaturate by 10%, it is **67.5463, 0.3405, 0.3075**.

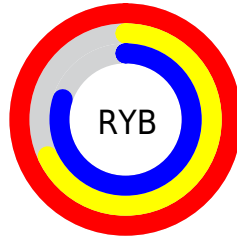
Distribution



Red (100%)

Green (68%)

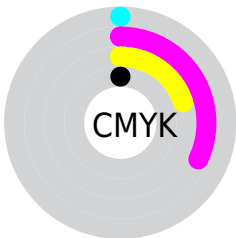
Blue (80%)



Red (100%)

Yellow (68%)

Blue (80%)

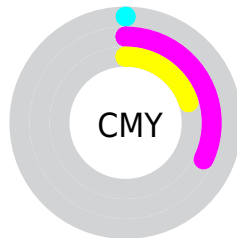


Cyan (0%)

Magenta (32%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (32%)


Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.9399, 0.3578, 0.2970 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 55.9399, 0.3578, 0.2970 by changing the saturation by 10% instead.


 55.9399, 0.3578,
0.2970

 55.9399, 0.3578,
0.2970


409.4650, 0.3361,
0.3122

 40.1547, 0.3630,
0.2934

 98.9167, 0.3501,
0.3024

 27.6592, 0.3695,
0.2889


126.8771, 0.3472,
0.3044

 18.0689, 0.3779,
0.2831

159.6648, 0.3446,
0.3062

 10.9995, 0.3893,
0.2754

197.6640, 0.3425,
0.3077

 6.0665, 0.4054,
0.2647

241.2593, 0.3406,
0.3091

 2.8856, 0.4299,
0.2486

290.8349, 0.3389,

 1.0723, 0.4715,

0.3103

0.2221

346.7753, 0.3374,
0.3113

■ 0.0000, 0.7942,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.9399, 0.3578,
0.2970

■ 55.9399, 0.3578,
0.2970

■ 46.2850, 0.3786,
0.2867

■ 67.5463, 0.3405,
0.3075

■ 38.4653, 0.4032,
0.2774

■ 81.1962, 0.3262,
0.3177

■ 32.3646, 0.4314,
0.2700

■ 96.9853, 0.3145,
0.3274

■ 27.8495, 0.4625,
0.2659

■ 99.9958, 0.3127,
0.3290

■ 24.7669, 0.4948,
0.2663

■ 22.9328, 0.5261,
0.2720

■ 22.1312, 0.5496,
0.2801

Harmonies

Analogous

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



55.9399, 0.3126, 0.2709



55.9399, 0.3578, 0.2970



55.9399, 0.3916, 0.3311

Triad

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



55.9399, 0.3578, 0.2970



55.9399, 0.3519, 0.4100



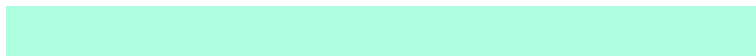
55.9399, 0.2306, 0.2818

Complementary

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



55.9399, 0.3578, 0.2970



85.8862, 0.2823, 0.3638

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.



55.9399, 0.2394, 0.3188



55.9399, 0.3578, 0.2970



55.9399, 0.3078, 0.3984

Square

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



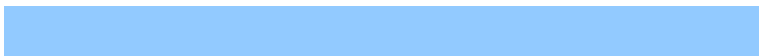
55.9399, 0.3578, 0.2970



55.9399, 0.3869, 0.3966



55.9399, 0.2669, 0.3632



55.9399, 0.2415, 0.2609

Rectangle

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



55.9399, 0.3578, 0.2970



55.9399, 0.4016, 0.3552



55.9399, 0.2669, 0.3632



55.9399, 0.2313, 0.2926

Sweetspot

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



55.9425, 0.3578, 0.2970



83.8235, 0.3240, 0.3194



53.3343, 0.2921, 0.2438



17.4925, 0.3258, 0.3180



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.



55.9425, 0.3578, 0.2970



49.6977, 0.3704, 0.2905



58.3695, 0.3829, 0.3391



18.1022, 0.3234, 0.3199



11.5932, 0.5453, 0.2778



1.1493, 0.5146, 0.2608

Inverse Universe

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



55.9425, 0.3578, 0.2970



49.6977, 0.3704, 0.2905



81.8461, 0.2659, 0.3185



18.1022, 0.3234, 0.3199



11.5932, 0.5453, 0.2778



1.1493, 0.5146, 0.2608

Previews

White Background



This preview shows how the Yxy color 55.9399, 0.3578, 0.2970 looks on a white background.

Color Contrast Check

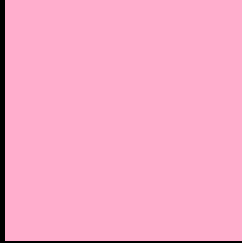
Large Text (above 18pt) WCAG AA × Fail

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 55.9399, 0.3578, 0.2970 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 55.9399, 0.3578, 0.2970

Background



This preview shows how black text looks on a background with the Yxy color 55.9399, 0.3578, 0.2970.



This preview shows how white text looks on a background with the Yxy color 55.9399, 0.3578, 0.2970.

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

55.9399, 0.3578, 0.2970

Protanopia

56.1964, 0.2956, 0.3018

Deuteranopia

55.9729, 0.3239, 0.3163



Tritanopia

56.0446, 0.3688, 0.3155

Trichromacy



Original Color

55.9399, 0.3578, 0.2970



Protanomaly

55.5732, 0.3165, 0.2995



Deuteranomaly

55.8327, 0.3363, 0.3090



Tritanomaly

56.0616, 0.3655, 0.3093

Monochromacy



Original Color

55.9399, 0.3578, 0.2970



Achromatopsia

59.0619, 0.3127, 0.3290



Achromatomaly

57.3832, 0.3279, 0.3166

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.9399, 0.3578, 0.2970 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, 174, 205)` looks like.

```
.text, #text, p{  
    color:rgb(255, 174, 205)  
}
```

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, 174, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 174, 205) }
```

Border

The CSS property to change the border of an element to Yxy 55.9399, 0.3578, 0.2970 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, 174, 205) }
```

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

```
.border{ border-color:rgb(255, 174, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 174, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 174, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 174, 205);  
box-shadow:4px 4px 4px 4px rgb(255, 174,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 55.9399, 0.3578, 0.2970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 174, 205) }
```

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

```
.background{ background-color: rgb(255,  
174, 205) }
```

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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