

Converting Colors

$Yxy(82.4957, 0.4153, 0.2963)$

Have a look what the booklet for
Yxy(82.4957, 0.4153, 0.2963)
contains.

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Color

Yxy(59.6896, 0.3404, 0.2853)

Conversions

Conversions Part 1

Format	Color
Hex	FFB5E0
RGB	255, 181, 224
RGB Percent	100%, 71%, 88%
CMY	0.0001, 0.2902, 0.1214
CMYK	0.00, 0.29, 0.12, 0.00
HSL	325°, 100%, 85%
HSV	325°, 29%, 100%
XYZ	71.2175, 59.6896, 78.3099
YIQ	208.0280, 30.3010, 29.0610

Conversions

Conversions Part 2

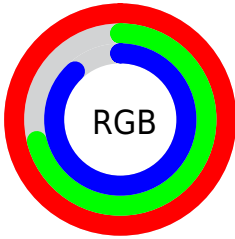
Format	Color
R_{YB}	255, 181, 224
Decimal	16758240
CIE _{Lab}	81.67, 33.15, -10.80
CIE _{LCh}	82, 34.862, 341.961
Yxy	59.6896, 0.3404, 0.2853
Android (android.graphics.Color)	4294948320 (0xFFFFB5E0)
YUV	208.0280, 7.8742, 41.1944
Hunter-Lab	77.2590, 29.3381, -6.0151

Details

The Yxy color **59.6896, 0.3404, 0.2853** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **86.0873, 0.2923, 0.3773**, and the grayscale version is **63.0311, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.0484, 0.3135, 0.3117**, and **29.9136, 0.3465, 0.2744** is the 20% darker color. If you saturate the color by 10%, you get **49.6928, 0.3535, 0.2699**, and if you desaturate by 10%, it is **71.6257, 0.3292, 0.3009**.

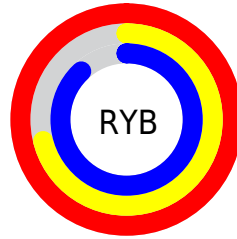
Distribution



Red (100%)

Green (71%)

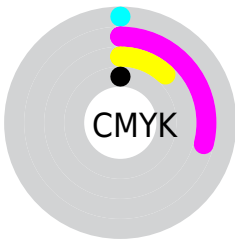
Blue (88%)



Red (100%)

Yellow (71%)

Blue (88%)

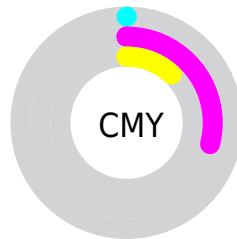


Cyan (0%)

Magenta (29%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.6896, 0.3404, 0.2853 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 59.6896, 0.3404, 0.2853 by changing the saturation by 10% instead.

 59.6896, 0.3404,
0.2853

 59.6896, 0.3404,
0.2853


423.4527, 0.3275,
0.3055

 43.1685, 0.3434,
0.2807

 104.3793, 0.3359,
0.2923

 30.0173, 0.3470,
0.2751


133.3166, 0.3342,
0.2950

 19.8517, 0.3517,
0.2679


167.1615, 0.3327,
0.2973

 12.2873, 0.3578,
0.2586

206.2983, 0.3314,
0.2994

 6.9397, 0.3662,
0.2460

251.1114, 0.3302,
0.3012

 3.4244, 0.3783,
0.2280

301.9853, 0.3292,

 1.3571, 0.3974,


0.3028


0.2003


359.3042, 0.3283,
0.3042


 0.1848, 0.4654,
0.0866


 0.0000, 0.0000,
0.0000


 59.6896, 0.3404,
0.2853


 59.6896, 0.3404,
0.2853

 49.6928, 0.3535,
0.2699


 71.6257, 0.3292,
0.3009

 41.5229, 0.3687,
0.2553

 85.5893, 0.3198,
0.3160

 35.0684, 0.3857,
0.2426

99.9973, 0.3127,
0.3290

 30.2021, 0.4044,
0.2331

■ 26.7790, 0.4241,
0.2278

■ 24.6272, 0.4440,
0.2278

■ 23.4929, 0.4632,
0.2329

■ 23.4046, 0.4651,
0.2336

Harmonies

Analogous

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



59.6896, 0.2948, 0.2638



59.6896, 0.3404, 0.2853



59.6896, 0.3805, 0.3169

Triad

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



59.6896, 0.3404, 0.2853



59.6896, 0.3676, 0.4074



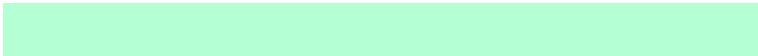
59.6896, 0.2316, 0.2948

Complementary

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



59.6896, 0.3404, 0.2853



86.0873, 0.2923, 0.3773

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.



59.6896, 0.2481, 0.3364



59.6896, 0.3404, 0.2853



59.6896, 0.3256, 0.4064

Square

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



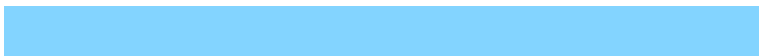
59.6896, 0.3404, 0.2853



59.6896, 0.3960, 0.3862



59.6896, 0.2820, 0.3794



59.6896, 0.2347, 0.2670

Rectangle

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



59.6896, 0.3404, 0.2853



59.6896, 0.3972, 0.3408



59.6896, 0.2820, 0.3794



59.6896, 0.2349, 0.3076

Sweetspot

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



59.6923, 0.3404, 0.2853



85.6182, 0.3198, 0.3160



54.2428, 0.2833, 0.2491



17.8631, 0.3211, 0.3138



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.



59.6923, 0.3404, 0.2853



53.4855, 0.3480, 0.2760



57.9041, 0.3720, 0.3227



18.1643, 0.3203, 0.3153



12.2614, 0.4620, 0.2319



1.2157, 0.4415, 0.2206

Inverse Universe

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



59.6923, 0.3404, 0.2853



53.4855, 0.3480, 0.2760



88.1640, 0.2736, 0.3355



18.1643, 0.3203, 0.3153



12.2614, 0.4620, 0.2319



1.2157, 0.4415, 0.2206

Previews

White Background



This preview shows how the Yxy color 59.6896, 0.3404, 0.2853 looks on a white background.

Color Contrast Check

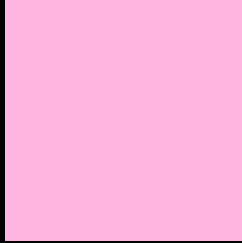
Large Text (above 18pt) WCAG AA × Fail

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 59.6896, 0.3404, 0.2853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

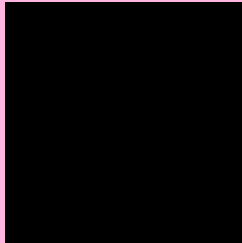
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.6896, 0.3404, 0.2853

Background



This preview shows how black text looks on a background with the Yxy color 59.6896, 0.3404, 0.2853.



This preview shows how white text looks on a background with the Yxy color 59.6896, 0.3404, 0.2853.

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

59.6896, 0.3404, 0.2853

Protanopia

60.2258, 0.2854, 0.2892

Deuteranopia

60.0557, 0.3093, 0.3032



Tritanopia

59.5635, 0.3574, 0.3134

Trichromacy



Original Color

59.6896, 0.3404, 0.2853



Protanomaly

59.3152, 0.3039, 0.2871



Deuteranomaly

59.7962, 0.3206, 0.2965



Tritanomaly

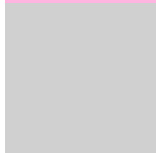
59.7671, 0.3508, 0.3032

Monochromacy



Original Color

59.6896, 0.3404, 0.2853



Achromatopsia

63.0757, 0.3127, 0.3290



Achromatomaly

61.2508, 0.3222, 0.3113

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.6896, 0.3404, 0.2853 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, 181, 224)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 224)  
}
```

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, 181, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 224) }
```

Border

The CSS property to change the border of an element to Yxy 59.6896, 0.3404, 0.2853 is called "border". The border property can be set on classes, ids or directly on the HTML element.

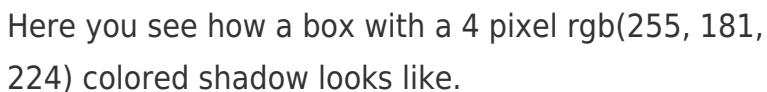
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 181, 224) }
```

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

```
.border{ border-color:rgb(255, 181, 224) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 181, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 181, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 181, 224);  
box-shadow:4px 4px 4px 4px rgb(255, 181,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 59.6896, 0.3404, 0.2853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 181, 224) }
```

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

```
.background{ background-color: rgb(255,  
181, 224) }
```

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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