

Converting Colors

Yxy(59.8304, 0.3444, 0.2913)

Have a look what the booklet for
Yxy(59.8304, 0.3444, 0.2913)
contains.

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Color

Yxy(59.8304, 0.3444, 0.2913)

Conversions

Conversions Part 1

Format	Color
Hex	FFB6DB
RGB	255, 182, 219
RGB Percent	100%, 71%, 86%
CMY	0.0002, 0.2861, 0.1413
CMYK	0.00, 0.29, 0.14, 0.00
HSL	330°, 100%, 86%
HSV	330°, 29%, 100%
XYZ	70.7367, 59.8304, 74.8239
YIQ	208.0450, 31.6310, 26.9830

Conversions

Conversions Part 2

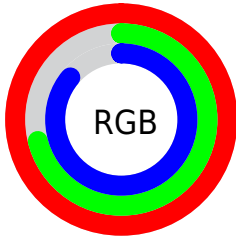
Format	Color
R _Y B	255, 182, 219
Decimal	16758491
CIE Lab	81.75, 31.79, -7.96
CIE LCh	82, 32.775, 345.937
Yxy	59.8304, 0.3444, 0.2913
Android (android.graphics.Color)	4294948571 (0xFFFFB6DB)
YUV	208.0450, 5.4008, 41.1795
Hunter-Lab	77.3501, 27.8755, -3.2086

Details

The Yxy color **59.8304, 0.3444, 0.2913** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **86.4960, 0.2897, 0.3702**, and the grayscale version is **63.0565, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.6291, 0.3135, 0.3127**, and **29.9890, 0.3520, 0.2819** is the 20% darker color. If you saturate the color by 10%, you get **49.6842, 0.3599, 0.2777**, and if you desaturate by 10%, it is **71.9331, 0.3314, 0.3050**.

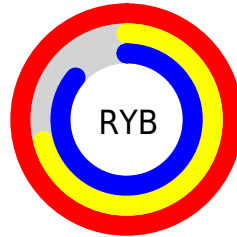
Distribution



Red (100%)

Green (71%)

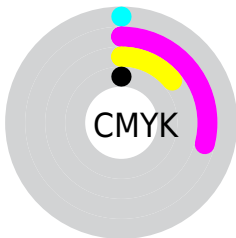
Blue (86%)



Red (100%)

Yellow (71%)

Blue (86%)

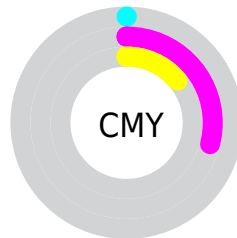


Cyan (0%)

Magenta (29%)

Yellow (14%)

Black (0%)



Cyan (0%)

Magenta (29%)

Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.8304, 0.3444, 0.2913 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 59.8304, 0.3444, 0.2913 by changing the saturation by 10% instead.

 59.8304, 0.3444,
0.2913

 59.8304, 0.3444,
0.2913


423.9723, 0.3295,
0.3088

 43.2819, 0.3479,
0.2873

 104.5836, 0.3392,
0.2974

 30.1064, 0.3522,
0.2823


133.5571, 0.3372,
0.2998

 19.9194, 0.3577,
0.2760

167.4412, 0.3354,
0.3018

 12.3364, 0.3650,
0.2678

206.6201, 0.3339,
0.3036

 6.9732, 0.3751,
0.2565

251.4782, 0.3326,
0.3051

 3.4454, 0.3900,
0.2402


302.4001, 0.3315,

 1.3684, 0.4141,


0.3065


0.2148

359.7700, 0.3304,
0.3077


 0.1933, 0.5013,
0.1004


 0.0000, 0.0000,
0.0000


 59.8304, 0.3444,
0.2913


 59.8304, 0.3444,
0.2913

 49.6842, 0.3599,
0.2777

 71.9331, 0.3314,
0.3050

 41.3818, 0.3780,
0.2648

 86.0805, 0.3205,
0.3182

 34.8120, 0.3987,
0.2537

99.9895, 0.3127,
0.3290

 29.8477, 0.4216,
0.2456

■ 26.3443, 0.4459,
0.2418

■ 24.1308, 0.4704,
0.2433

■ 22.9645, 0.4940,
0.2501

■ 22.8395, 0.4972,
0.2513

Harmonies

Analogous

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



59.8304, 0.3014, 0.2694



59.8304, 0.3444, 0.2913



59.8304, 0.3802, 0.3222

Triad

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



59.8304, 0.3444, 0.2913



59.8304, 0.3598, 0.4039



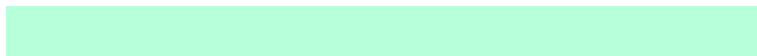
59.8304, 0.2354, 0.2927

Complementary

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



59.8304, 0.3444, 0.2913



86.4960, 0.2897, 0.3702

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.



59.8304, 0.2488, 0.3305



59.8304, 0.3444, 0.2913



59.8304, 0.3194, 0.3994

Square

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



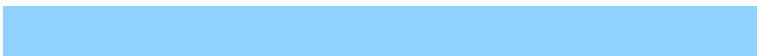
59.8304, 0.3444, 0.2913



59.8304, 0.3886, 0.3866



59.8304, 0.2789, 0.3714



59.8304, 0.2409, 0.2684

Rectangle

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



59.8304, 0.3444, 0.2913



59.8304, 0.3939, 0.3450



59.8304, 0.2789, 0.3714



59.8304, 0.2378, 0.3042

Sweetspot

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



59.8331, 0.3444, 0.2913



85.5136, 0.3209, 0.3177



55.4804, 0.2874, 0.2512



17.8373, 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.



59.8331, 0.3444, 0.2913



54.1414, 0.3524, 0.2839



58.1490, 0.3752, 0.3279



18.1407, 0.3214, 0.3170



11.9703, 0.4936, 0.2493



1.1876, 0.4685, 0.2355

Inverse Universe

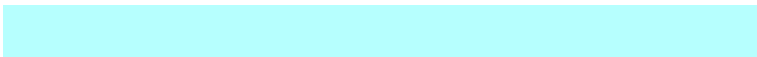
The Inverse Universe completely reimagines the original color for something new.



59.8331, 0.3444, 0.2913



54.1414, 0.3524, 0.2839



88.5725, 0.2717, 0.3302



18.1407, 0.3214, 0.3170



11.9703, 0.4936, 0.2493



1.1876, 0.4685, 0.2355

Previews

White Background



This preview shows how the Yxy color 59.8304, 0.3444, 0.2913 looks on a white background.

Color Contrast Check

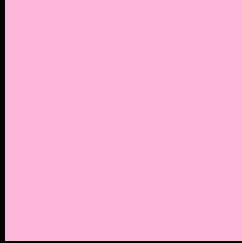
Large Text (above 18pt) WCAG AA × Fail

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 59.8304, 0.3444, 0.2913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

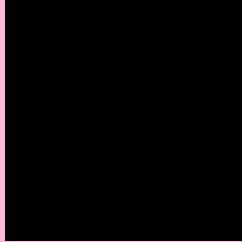
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.8304, 0.3444, 0.2913

Background



This preview shows how black text looks on a background with the Yxy color 59.8304, 0.3444, 0.2913.



This preview shows how white text looks on a background with the Yxy color 59.8304, 0.3444, 0.2913.

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

59.8304, 0.3444, 0.2913

Protanopia

60.2094, 0.2900, 0.2947

Deuteranopia

60.2515, 0.3152, 0.3088



Tritanopia

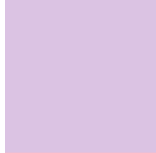
59.7507, 0.3582, 0.3135

Trichromacy



Original Color

59.8304, 0.3444, 0.2913



Protanomaly

59.6363, 0.3082, 0.2936



Deuteranomaly

59.6980, 0.3252, 0.3018



Tritanomaly

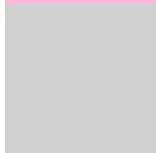
59.8568, 0.3533, 0.3053

Monochromacy



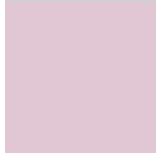
Original Color

59.8304, 0.3444, 0.2913



Achromatopsia

63.0757, 0.3127, 0.3290



Achromatomaly

61.6079, 0.3236, 0.3146

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.8304, 0.3444, 0.2913 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, 182, 219)` looks like.

```
.text, #text, p{  
    color:rgb(255, 182, 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, 182, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 182, 219) }
```

Border

The CSS property to change the border of an element to Yxy 59.8304, 0.3444, 0.2913 is called "border". The border property can be set on classes, ids or directly on the HTML element.

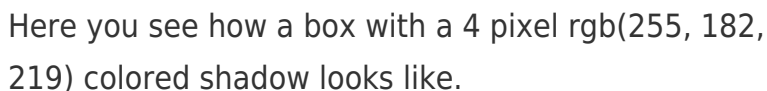
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 182, 219) }
```

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

```
.border{ border-color:rgb(255, 182, 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, 182, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 182, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 182, 219); box-shadow:4px 4px 4px 4px rgb(255, 182, 219) }
```


Background

The CSS property to change the background color of an element to Yxy 59.8304, 0.3444, 0.2913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 182, 219) }
```

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

```
.background{ background-color: rgb(255,  
182, 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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