

Converting Colors

$Y_{xy}(59.4078, 0.3440, 0.3008)$

Have a look what the booklet for
Yxy(59.4078, 0.3440, 0.3008)
contains.

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Color

Yxy(59.4078, 0.3440, 0.3008)

Conversions

Conversions Part 1

Format	Color
Hex	F8B9D4
RGB	248, 185, 212
RGB Percent	97%, 73%, 83%
CMY	0.0275, 0.2745, 0.1688
CMYK	0.00, 0.25, 0.15, 0.03
HSL	334°, 82%, 85%
HSV	334°, 25%, 97%
XYZ	67.9398, 59.4078, 70.1518
YIQ	206.9150, 28.8810, 21.7530

Conversions

Conversions Part 2

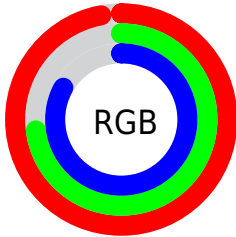
Format	Color
R _Y B	248, 185, 212
Decimal	16300500
CIE Lab	81.52, 26.74, -4.61
CIE LCh	82, 27.129, 350.219
Yxy	59.4078, 0.3440, 0.3008
Android (android.graphics.Color)	4294490580 (0xFFFF8B9D4)
YUV	206.9150, 2.5069, 36.0315
Hunter-Lab	77.0765, 22.4567, -0.0098

Details

The Yxy color **59.4078, 0.3440, 0.3008** is a light color, and the websafe version is hex **FFCCFF**, and the color name is **little girl pink**. A complement of this color would be **82.6715, 0.2895, 0.3592**, and the grayscale version is **62.3096, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.3906, 0.3133, 0.3156**, and **29.7433, 0.3527, 0.2939** is the 20% darker color. If you saturate the color by 10%, you get **49.2382, 0.3611, 0.2892**, and if you desaturate by 10%, it is **71.4554, 0.3298, 0.3123**.

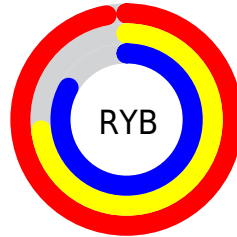
Distribution



Red (97%)

Green (73%)

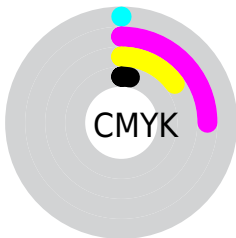
Blue (83%)



Red (97%)

Yellow (73%)

Blue (83%)

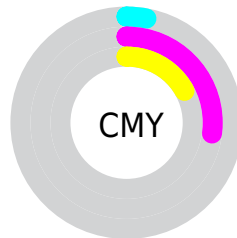


Cyan (0%)

Magenta (25%)

Yellow (15%)

Black (3%)



Cyan (3%)


Magenta (27%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.4078, 0.3440, 0.3008 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 59.4078, 0.3440, 0.3008 by changing the saturation by 10% instead.


 59.4078, 0.3440,
0.3008

 59.4078, 0.3440,
0.3008


422.4115, 0.3291,
0.3141

 42.9415, 0.3475,
0.2977


 103.9701, 0.3388,
0.3054

 29.8392, 0.3519,
0.2939

132.8349, 0.3367,
0.3072

 19.7166, 0.3575,
0.2890


166.6013, 0.3350,
0.3088

 12.1892, 0.3650,
0.2825

205.6538, 0.3335,
0.3101

 6.8727, 0.3756,
0.2735

250.3766, 0.3322,
0.3113

 3.3826, 0.3914,
0.2602


301.1542, 0.3311,

 1.3346, 0.4177,


0.3123


0.2388


358.3711, 0.3300,
0.3132

 0.1677, 0.5470,
0.1130


 0.0000, 0.0000,
0.0000


 59.4078, 0.3440,
0.3008


 59.4078, 0.3440,
0.3008


 49.2382, 0.3611,
0.2892


 71.4554, 0.3298,
0.3123


 40.8429, 0.3814,
0.2780

 85.4615, 0.3181,
0.3233

 34.1204, 0.4050,
0.2681

 98.6655, 0.3087,
0.3294

 28.9558, 0.4317,
0.2607

 98.6960, 0.3084,
0.3290

■ 25.2191, 0.4606,
0.2570

■ 22.7591, 0.4901,
0.2584

■ 21.3897, 0.5183,
0.2653

■ 20.9995, 0.5306,
0.2697

Harmonies

Analogous

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



59.4078, 0.3086, 0.2808



59.4078, 0.3440, 0.3008



59.4078, 0.3717, 0.3278

Triad

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



59.4078, 0.3440, 0.3008



59.4078, 0.3478, 0.3916



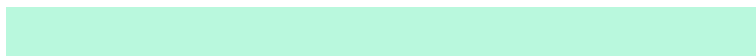
59.4078, 0.2475, 0.2955

Complementary

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



59.4078, 0.3440, 0.3008



82.6715, 0.2895, 0.3592

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.



59.4078, 0.2567, 0.3258



59.4078, 0.3440, 0.3008



59.4078, 0.3137, 0.3844

Square

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



59.4078, 0.3440, 0.3008



59.4078, 0.3735, 0.3803



59.4078, 0.2805, 0.3594



59.4078, 0.2544, 0.2766

Rectangle

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



59.4078, 0.3440, 0.3008



59.4078, 0.3812, 0.3471



59.4078, 0.2805, 0.3594



59.4078, 0.2488, 0.3046

Sweetspot

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



59.4105, 0.3440, 0.3008



86.9389, 0.3210, 0.3205



56.8054, 0.2947, 0.2615



18.1161, 0.3227, 0.3189



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.



59.4105, 0.3440, 0.3008



58.0154, 0.3516, 0.2954



59.9450, 0.3657, 0.3336



17.3485, 0.3226, 0.3189



11.3710, 0.5266, 0.2675



1.0739, 0.4962, 0.2507

Inverse Universe

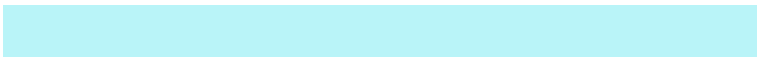
The Inverse Universe completely reimagines the original color for something new.



59.4105, 0.3440, 0.3008



58.0154, 0.3516, 0.2954



81.6729, 0.2750, 0.3243



17.3485, 0.3226, 0.3189



11.3710, 0.5266, 0.2675



1.0739, 0.4962, 0.2507

Previews

White Background



This preview shows how the Yxy color 59.4078, 0.3440, 0.3008 looks on a white background.

Color Contrast Check

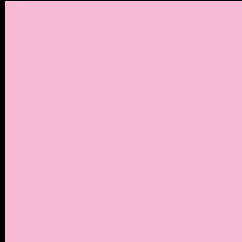
Large Text (above 18pt) WCAG AA × Fail

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 59.4078, 0.3440, 0.3008 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

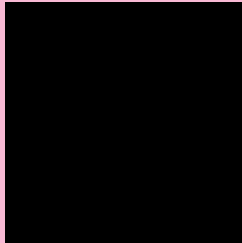
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.4078, 0.3440, 0.3008

Background



This preview shows how black text looks on a background with the Yxy color 59.4078, 0.3440, 0.3008.



This preview shows how white text looks on a background with the Yxy color 59.4078, 0.3440, 0.3008.

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

59.4078, 0.3440, 0.3008

Protanopia

59.9325, 0.2980, 0.3059

Deuteranopia

59.6457, 0.3205, 0.3144



Tritanopia

59.5319, 0.3519, 0.3143

Trichromacy



Original Color

59.4078, 0.3440, 0.3008

Protanomaly

59.4472, 0.3139, 0.3043

Deuteranomaly

59.6661, 0.3289, 0.3093

Tritanomaly

59.2997, 0.3488, 0.3090

Monochromacy



Original Color

59.4078, 0.3440, 0.3008

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

60.9799, 0.3234, 0.3178

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.4078, 0.3440, 0.3008 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(248, 185, 212)` looks like.

```
.text, #text, p{  
    color:rgb(248, 185, 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(248, 185, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 185, 212) }
```

Border

The CSS property to change the border of an element to Yxy 59.4078, 0.3440, 0.3008 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(248, 185, 212) }
```

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

```
.border{ border-color:rgb(248, 185, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 185, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 185, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 185, 212);  
box-shadow:4px 4px 4px 4px rgb(248, 185,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 59.4078, 0.3440, 0.3008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 185, 212) }
```

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

```
.background{ background-color: rgb(248,  
185, 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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