

Converting Colors

$Y_{xy}(79.8153, 0.4082, 0.2979)$

Have a look what the booklet for
Yxy(79.8153, 0.4082, 0.2979)
contains.

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Color

Yxy(59.9898, 0.3420, 0.2883)

Conversions

Conversions Part 1

Format	Color
Hex	FFB6DE
RGB	255, 182, 222
RGB Percent	100%, 71%, 87%
CMY	0.0000, 0.2863, 0.1295
CMYK	0.00, 0.29, 0.13, 0.00
HSL	327°, 100%, 86%
HSV	327°, 29%, 100%
XYZ	71.1638, 59.9898, 76.9276
YIQ	208.3870, 30.6680, 27.9160

Conversions

Conversions Part 2

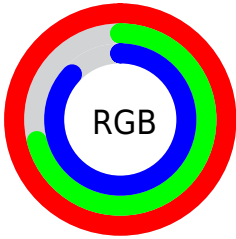
Format	Color
R _Y B	255, 182, 222
Decimal	16758494
CIE Lab	81.83, 32.33, -9.45
CIE LCh	82, 33.683, 343.701
Yxy	59.9898, 0.3420, 0.2883
Android (android.graphics.Color)	4294948574 (0xFFFFB6DE)
YUV	208.3870, 6.7112, 40.8796
Hunter-Lab	77.4531, 28.4626, -4.6706

Details

The Yxy color **59.9898, 0.3420, 0.2883** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **86.3696, 0.2913, 0.3737**, and the grayscale version is **63.2743, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.6291, 0.3135, 0.3127**, and **30.0987, 0.3486, 0.2782** is the 20% darker color. If you saturate the color by 10%, you get **49.8768, 0.3561, 0.2737**, and if you desaturate by 10%, it is **72.0348, 0.3300, 0.3030**.

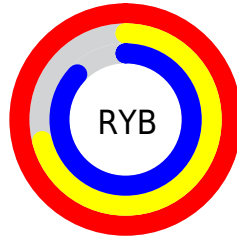
Distribution



Red (100%)

Green (71%)

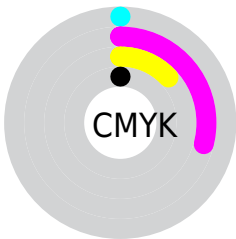
Blue (87%)



Red (100%)

Yellow (71%)

Blue (87%)

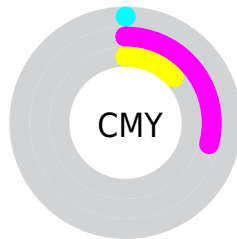


Cyan (0%)

Magenta (29%)

Yellow (13%)

Black (0%)



Cyan (0%)

Magenta (29%)

Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.9898, 0.3420, 0.2883 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 59.9898, 0.3420, 0.2883 by changing the saturation by 10% instead.

 59.9898, 0.3420,
0.2883

 59.9898, 0.3420,
0.2883


424.5602, 0.3283,
0.3071

 43.4104, 0.3452,
0.2840


 104.8149, 0.3372,
0.2948

 30.2073, 0.3491,
0.2787


133.8293, 0.3354,
0.2974

 19.9960, 0.3541,
0.2720


167.7576, 0.3338,
0.2996

 12.3921, 0.3607,
0.2632

206.9841, 0.3324,
0.3015

 7.0113, 0.3698,
0.2513

251.8933, 0.3312,
0.3031

 3.4692, 0.3830,
0.2342

302.8694, 0.3301,

 1.3813, 0.4041,

0.3046

0.2078

360.2969, 0.3292,
0.3059

0.2029, 0.4772,
0.0978

0.0000, 0.0000,
0.0000

59.9898, 0.3420,
0.2883

59.9898, 0.3420,
0.2883

49.8768, 0.3561,
0.2737

72.0348, 0.3300,
0.3030

41.6094, 0.3725,
0.2598

86.1258, 0.3200,
0.3173

35.0677, 0.3912,
0.2478

100.0000, 0.3127,
0.3290

30.1250, 0.4117,
0.2388

■ 26.6367, 0.4334,
0.2341

■ 24.4319, 0.4554,
0.2347

■ 23.2673, 0.4766,
0.2405

■ 23.1449, 0.4795,
0.2415

Harmonies

Analogous

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



59.9898, 0.2979, 0.2668



59.9898, 0.3420, 0.2883



59.9898, 0.3799, 0.3194

Triad

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



59.9898, 0.3420, 0.2883



59.9898, 0.3637, 0.4052



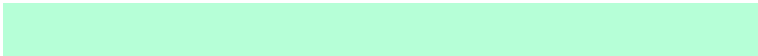
59.9898, 0.2339, 0.2941

Complementary

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



59.9898, 0.3420, 0.2883



86.3696, 0.2913, 0.3737

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.



59.9898, 0.2489, 0.3337



59.9898, 0.3420, 0.2883



59.9898, 0.3228, 0.4026

Square

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



59.9898, 0.3420, 0.2883



59.9898, 0.3921, 0.3860



59.9898, 0.2809, 0.3754



59.9898, 0.2380, 0.2681

Rectangle

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



59.9898, 0.3420, 0.2883



59.9898, 0.3950, 0.3427



59.9898, 0.2809, 0.3754



59.9898, 0.2368, 0.3062

Sweetspot

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



59.9838, 0.3420, 0.2883



85.5710, 0.3203, 0.3168



55.0937, 0.2855, 0.2507



17.8514, 0.3217, 0.3147



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.



59.9838, 0.3420, 0.2883



54.3238, 0.3493, 0.2804



58.2402, 0.3731, 0.3254



18.1536, 0.3208, 0.3161



12.1243, 0.4761, 0.2397



1.2025, 0.4535, 0.2272

Inverse Universe

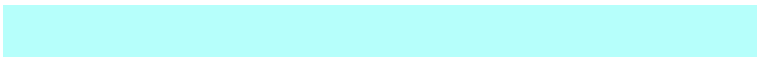
The Inverse Universe completely reimagines the original color for something new.



59.9838, 0.3420, 0.2883



54.3238, 0.3493, 0.2804



88.4506, 0.2728, 0.3328



18.1536, 0.3208, 0.3161



12.1243, 0.4761, 0.2397



1.2025, 0.4535, 0.2272

Previews

White Background



This preview shows how the Yxy color 59.9898, 0.3420, 0.2883 looks on a white background.

Color Contrast Check

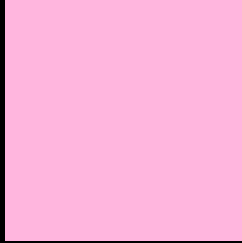
Large Text (above 18pt) WCAG AA × Fail

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 59.9898, 0.3420, 0.2883 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 59.9898, 0.3420, 0.2883

Background



This preview shows how black text looks on a background with the Yxy color 59.9898, 0.3420, 0.2883.



This preview shows how white text looks on a background with the Yxy color 59.9898, 0.3420, 0.2883.

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

59.9898, 0.3420, 0.2883

Protanopia

60.2450, 0.2873, 0.2914

Deuteranopia

60.2544, 0.3123, 0.3055



Tritanopia

59.9834, 0.3572, 0.3145

Trichromacy



Original Color

59.9898, 0.3420, 0.2883



Protanomaly

59.8035, 0.3060, 0.2904



Deuteranomaly

59.8555, 0.3229, 0.2986



Tritanomaly

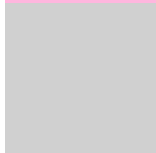
60.1346, 0.3515, 0.3052

Monochromacy



Original Color

59.9898, 0.3420, 0.2883



Achromatopsia

63.0757, 0.3127, 0.3290



Achromatomaly

61.6585, 0.3228, 0.3135

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.9898, 0.3420, 0.2883 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, 222)` looks like.

```
.text, #text, p{  
    color:rgb(255, 182, 222)  
}
```

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, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 182, 222) }
```

Border

The CSS property to change the border of an element to Yxy 59.9898, 0.3420, 0.2883 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, 222) }
```

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

```
.border{ border-color:rgb(255, 182, 222) }
```

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, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 182, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 182, 222);  
box-shadow:4px 4px 4px 4px rgb(255, 182,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 59.9898, 0.3420, 0.2883 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, 222) }
```

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

```
.background{ background-color: rgb(255,  
182, 222) }
```

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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