

Converting Colors

Yxy(34.9383, 0.3064, 0.2558)

Have a look what the booklet for
Yxy(34.9383, 0.3064, 0.2558)
contains.

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Color

Yxy(34.9383, 0.3064, 0.2558)

Conversions

Conversions Part 1

Format	Color
Hex	BF8FC9
RGB	191, 143, 201
RGB Percent	75%, 56%, 79%
CMY	0.2510, 0.4392, 0.2118
CMYK	0.05, 0.29, 0.00, 0.21
HSL	290°, 35%, 67%
HSV	290°, 29%, 79%
XYZ	41.8495, 34.9383, 59.7967
YIQ	163.9640, 9.9900, 28.2140

Conversions

Conversions Part 2

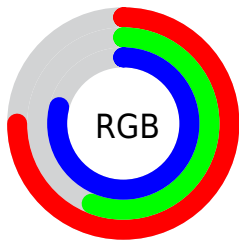
Format	Color
RYB	191, 143, 201
Decimal	12554185
CIELab	65.70, 28.22, -22.92
CIELCh	66, 36.359, 320.922
Yxy	34.9383, 0.3064, 0.2558
Android (android.graphics.Color)	4290744265 (0xFFBF8FC9)
YUV	163.9640, 18.2587, 23.7106
Hunter-Lab	59.1086, 22.9396, -18.6041

Details

The Yxy color **34.9383, 0.3064, 0.2558** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **50.5311, 0.3164, 0.4101**, and the grayscale version is **37.0151, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.1090, 0.3102, 0.2713**, and **15.0792, 0.3034, 0.2357** is the 20% darker color. If you saturate the color by 10%, you get **28.9912, 0.3033, 0.2300**, and if you desaturate by 10%, it is **41.9803, 0.3090, 0.2819**.

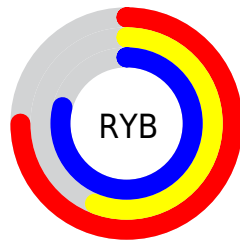
Distribution



Red (75%)

Green (56%)

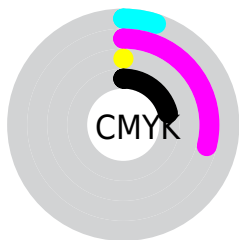
Blue (79%)



Red (75%)

Yellow (56%)

Blue (79%)

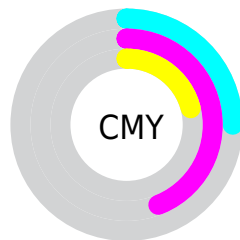


Cyan (5%)

Magenta (29%)

Yellow (0%)

Black (21%)



Cyan (25%)


Magenta (44%)

Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.9383, 0.3064, 0.2558 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 34.9383, 0.3064, 0.2558 by changing the saturation by 10% instead.


 34.9383, 0.3064,
0.2558


 34.9383, 0.3064,
0.2558


324.2959, 0.3105,
0.2920

 23.6154, 0.3051,
0.2470


 67.3902, 0.3081,
0.2688

 15.0485, 0.3033,
0.2358


 89.2879, 0.3087,
0.2737

 8.8535, 0.3006,
0.2211


115.4793, 0.3091,
0.2779

 4.6457, 0.2962,
0.2012

146.3488, 0.3095,
0.2815

 2.0409, 0.2887,
0.1729

182.2809, 0.3098,
0.2846

 0.6311, 0.2749,
0.1264

223.6598, 0.3101,

 0.0000, 0.1785,

0.2874

0.0000

270.8700, 0.3103,
0.2898

0.0000, 0.0000,
0.0000

34.9383, 0.3064,
0.2558

34.9383, 0.3064,
0.2558

28.9912, 0.3033,
0.2300

41.9803, 0.3090,
0.2819

24.0766, 0.2997,
0.2053

50.1662, 0.3112,
0.3074

20.1329, 0.2958,
0.1828

59.5475, 0.3129,
0.3317

17.0899, 0.2915,
0.1635

70.1711, 0.3142,
0.3546

14.8678, 0.2870,
0.1483

82.0816, 0.3152,
0.3758

■ 13.3729, 0.2824,
0.1376

■ 89.7052, 0.3166,
0.3870

■ 12.4515, 0.2779,
0.1308

■ 90.2256, 0.3188,
0.3866

■ 12.3582, 0.2774,
0.1302

■ 90.7572, 0.3210,
0.3862

■ 91.3000, 0.3232,
0.3858

Harmonies

Analogous

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



34.9383, 0.2559, 0.2415



34.9383, 0.3064, 0.2558



34.9383, 0.3635, 0.2858

Triad

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



34.9383, 0.3064, 0.2558



34.9383, 0.4075, 0.4085



34.9383, 0.2248, 0.3205

Complementary

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



34.9383, 0.3064, 0.2558



50.5311, 0.3164, 0.4101

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.



34.9383, 0.2598, 0.3774



34.9383, 0.3064, 0.2558



34.9383, 0.3652, 0.4301

Square

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



34.9383, 0.3064, 0.2558



34.9383, 0.4245, 0.3697



34.9383, 0.3110, 0.4204



34.9383, 0.2122, 0.2732

Rectangle

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



34.9383, 0.3064, 0.2558



34.9383, 0.3960, 0.3119



34.9383, 0.3110, 0.4204



34.9383, 0.2341, 0.3394

Sweetspot

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



34.9398, 0.3064, 0.2558



85.4780, 0.3111, 0.3067



33.0498, 0.2642, 0.2617



17.8279, 0.3108, 0.3030



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.



34.9398, 0.3064, 0.2558



52.8567, 0.3044, 0.2386



35.4686, 0.3338, 0.2791



10.7205, 0.3111, 0.3060



7.8055, 0.2780, 0.1305



0.3947, 0.2875, 0.1357

Inverse Universe

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



34.3653, 0.3648, 0.3161



51.7840, 0.3819, 0.3130



50.2006, 0.2966, 0.3849



10.6663, 0.3263, 0.3250



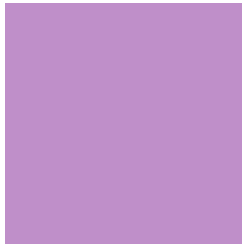
7.8923, 0.6125, 0.3148



0.3832, 0.5581, 0.2848

Previews

White Background



This preview shows how the Yxy color 34.9383, 0.3064, 0.2558 looks on a white background.

Color Contrast Check

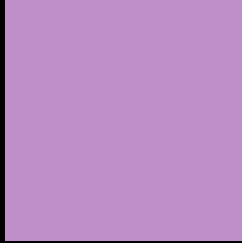
Large Text (above 18pt) WCAG AA × Fail

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 34.9383, 0.3064, 0.2558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

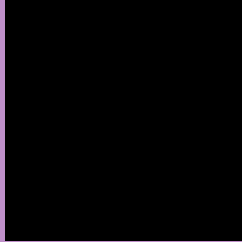
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.9383, 0.3064, 0.2558

Background



This preview shows how black text looks on a background with the Yxy color 34.9383, 0.3064, 0.2558.



This preview shows how white text looks on a background with the Yxy color 34.9383, 0.3064, 0.2558.

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

34.9383, 0.3064, 0.2558

Protanopia

35.2269, 0.2589, 0.2549

Deuteranopia

35.2591, 0.2776, 0.2722



Tritanopia

34.7356, 0.3370, 0.3127

Trichromacy



Original Color

34.9383, 0.3064, 0.2558

Protanomaly

35.0179, 0.2747, 0.2553

Deuteranomaly

35.0150, 0.2878, 0.2659

Tritanomaly

34.5668, 0.3257, 0.2904

Monochromacy



Original Color

34.9383, 0.3064, 0.2558

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

35.9499, 0.3112, 0.3001

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.9383, 0.3064, 0.2558 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(191, 143, 201)` looks like.

```
.text, #text, p{  
    color:rgb(191, 143, 201)  
}
```

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(191, 143, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 143, 201) }
```

Border

The CSS property to change the border of an element to Yxy 34.9383, 0.3064, 0.2558 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(191, 143, 201) }
```

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

```
.border{ border-color:rgb(191, 143, 201) }
```

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

Here you see how a box with a 4 pixel rgb(191, 143, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 143, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 143, 201);  
box-shadow:4px 4px 4px 4px rgb(191, 143,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 34.9383, 0.3064, 0.2558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 143, 201) }
```

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

```
.background{ background-color: rgb(191,  
143, 201) }
```

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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