

Converting Colors

$Y_{xy}(39.2740, 0.3381, 0.2951)$

Have a look what the booklet for
Yxy(39.2740, 0.3381, 0.2951)
contains.

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Color

Yxy(39.4265, 0.3378, 0.2954)

Conversions

Conversions Part 1

Format	Color
Hex	CD9AB5
RGB	205, 154, 181
RGB Percent	80%, 60%, 71%
CMY	0.1959, 0.3962, 0.2901
CMYK	0.00, 0.25, 0.12, 0.20
HSL	328°, 34%, 70%
HSV	328°, 25%, 80%
XYZ	45.0856, 39.4265, 48.9561
YIQ	172.3270, 21.7290, 19.2090

Conversions

Conversions Part 2

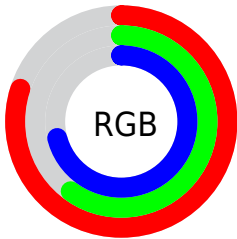
Format	Color
R_{YB}	205, 154, 181
Decimal	13474485
CIE _{Lab}	69.06, 23.31, -6.57
CIE _{LCh}	69, 24.218, 344.270
Yxy	39.4265, 0.3378, 0.2954
Android (android.graphics.Color)	4291664565 (0xFFCD9AB5)
YUV	172.3270, 4.2758, 28.6542
Hunter-Lab	62.7905, 18.2851, -2.2735

Details

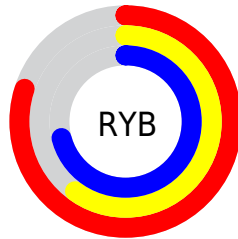
The Yxy color **39.4265, 0.3378, 0.2954** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **53.7736, 0.2935, 0.3653**, and the grayscale version is **41.4014, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.9754, 0.3274, 0.3011**, and **17.5453, 0.3453, 0.2855** is the 20% darker color. If you saturate the color by 10%, you get **32.8462, 0.3514, 0.2813**, and if you desaturate by 10%, it is **47.1939, 0.3263, 0.3093**.

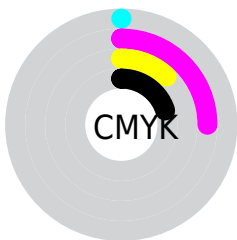
Distribution



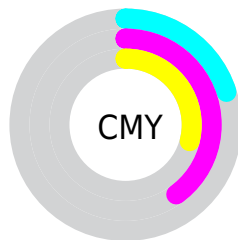
- Red (80%)
- Green (60%)
- Blue (71%)



- Red (80%)
- Yellow (60%)
- Blue (71%)



- Cyan (0%)
- Magenta (25%)
- Yellow (12%)
- Black (20%)





- Cyan (20%)
- Magenta (40%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.4265, 0.3378, 0.2954 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 39.4265, 0.3378, 0.2954 by changing the saturation by 10% instead.

 39.4265, 0.3378,
0.2954


 39.4265, 0.3378,
0.2954

343.7004, 0.3251,
0.3122

 27.0917, 0.3410,
0.2912


 74.2894, 0.3332,
0.3015

 17.6421, 0.3452,
0.2858


 97.5863, 0.3314,
0.3038

 10.6933, 0.3507,
0.2786


125.3060, 0.3300,
0.3058

 5.8610, 0.3586,
0.2685

157.8329, 0.3287,
0.3074

 2.7608, 0.3705,
0.2535

195.5514, 0.3276,
0.3089

 1.0081, 0.3907,
0.2287

238.8459, 0.3267,

 0.0000, 0.5763,

0.3101

0.0000

288.1007, 0.3259,
0.3112

0.0000, 0.0000,
0.0000

39.4265, 0.3378,
0.2954

39.4265, 0.3378,
0.2954

32.8462, 0.3514,
0.2813

47.1939, 0.3263,
0.3093

27.3885, 0.3673,
0.2677

56.1983, 0.3168,
0.3227

22.9906, 0.3857,
0.2553

66.4930, 0.3089,
0.3353

19.5814, 0.4062,
0.2453

78.1268, 0.3023,
0.3470

17.0810, 0.4283,
0.2390

90.1800, 0.2969,
0.3563

■ 15.3969, 0.4512,
0.2374

■ 90.7353, 0.2917,
0.3459

■ 14.4162, 0.4737,
0.2412

■ 91.3210, 0.2866,
0.3356

■ 14.0814, 0.4849,
0.2445

■ 91.7274, 0.2833,
0.3289

Harmonies

Analogous

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



39.4265, 0.3014, 0.2770



39.4265, 0.3378, 0.2954



39.4265, 0.3686, 0.3219

Triad

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



39.4265, 0.3378, 0.2954



39.4265, 0.3548, 0.3921



39.4265, 0.2466, 0.3001

Complementary

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



39.4265, 0.3378, 0.2954



53.7736, 0.2935, 0.3653

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.



39.4265, 0.2592, 0.3326



39.4265, 0.3378, 0.2954



39.4265, 0.3208, 0.3889

Square

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



39.4265, 0.3378, 0.2954



39.4265, 0.3783, 0.3773



39.4265, 0.2859, 0.3664



39.4265, 0.2504, 0.2781

Rectangle

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



39.4265, 0.3378, 0.2954



39.4265, 0.3808, 0.3416



39.4265, 0.2859, 0.3664



39.4265, 0.2491, 0.3101

Sweetspot

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



39.4283, 0.3378, 0.2954



88.6058, 0.3187, 0.3199



36.9580, 0.2908, 0.2628



18.7656, 0.3193, 0.3190



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.



39.4283, 0.3378, 0.2954



58.4140, 0.3450, 0.2877



38.4811, 0.3630, 0.3270



11.3112, 0.3209, 0.3168



8.7800, 0.4819, 0.2429



0.4682, 0.4421, 0.2209

Inverse Universe

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



39.4283, 0.3378, 0.2954



58.4140, 0.3450, 0.2877



54.8870, 0.2774, 0.3311



11.3112, 0.3209, 0.3168



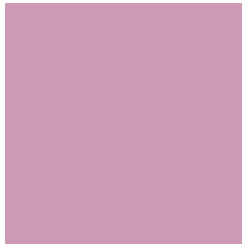
8.7800, 0.4819, 0.2429



0.4682, 0.4421, 0.2209

Previews

White Background



This preview shows how the Yxy color 39.4265, 0.3378, 0.2954 looks on a white background.

Color Contrast Check

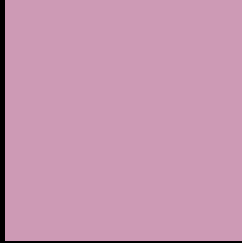
Large Text (above 18pt) WCAG AA × Fail

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 39.4265, 0.3378, 0.2954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

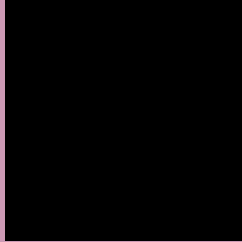
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.4265, 0.3378, 0.2954

Background



This preview shows how black text looks on a background with the Yxy color 39.4265, 0.3378, 0.2954.



This preview shows how white text looks on a background with the Yxy color 39.4265, 0.3378, 0.2954.

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

39.4265, 0.3378, 0.2954

Protanopia

39.8300, 0.2930, 0.2990

Deuteranopia

39.6293, 0.3155, 0.3090



Tritanopia

39.3006, 0.3481, 0.3139

Trichromacy



Original Color

39.4265, 0.3378, 0.2954

Protanomaly

39.4855, 0.3078, 0.2972

Deuteranomaly

39.3840, 0.3234, 0.3030

Tritanomaly

39.2972, 0.3444, 0.3064

Monochromacy



Original Color

39.4265, 0.3378, 0.2954

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.1958, 0.3217, 0.3157

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.4265, 0.3378, 0.2954 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(205, 154, 181)` looks like.

```
.text, #text, p{  
    color:rgb(205, 154, 181)  
}
```

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(205, 154, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 154, 181) }
```

Border

The CSS property to change the border of an element to Yxy 39.4265, 0.3378, 0.2954 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(205, 154, 181) }
```

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

```
.border{ border-color:rgb(205, 154, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 154, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 154, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 154, 181);  
box-shadow:4px 4px 4px 4px rgb(205, 154,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 39.4265, 0.3378, 0.2954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 154, 181) }
```

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

```
.background{ background-color: rgb(205,  
154, 181) }
```

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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