

Converting Colors

$Y_{xy}(43.8450, 0.3098, 0.2790)$

Have a look what the booklet for
Yxy(43.8450, 0.3098, 0.2790)
contains.

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Color

Yxy(43.8328, 0.3098, 0.2782)

Conversions

Conversions Part 1

Format	Color
Hex	C9A5CF
RGB	201, 165, 207
RGB Percent	79%, 65%, 81%
CMY	0.2116, 0.3530, 0.1883
CMYK	0.03, 0.20, 0.00, 0.19
HSL	291°, 30%, 73%
HSV	291°, 20%, 81%
XYZ	48.8117, 43.8328, 64.9141
YIQ	180.5520, 7.9740, 20.6940

Conversions

Conversions Part 2

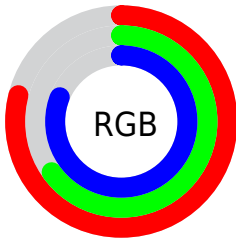
Format	Color
R_{YB}	201, 165, 207
Decimal	13215183
CIE _{Lab}	72.12, 20.59, -16.40
CIE _{LCh}	72, 26.326, 321.459
Yxy	43.8328, 0.3098, 0.2782
Android (android.graphics.Color)	4291405263 (0xFFC9A5CF)
YUV	180.5520, 13.0389, 17.9329
Hunter-Lab	66.2063, 15.7408, -11.7883

Details

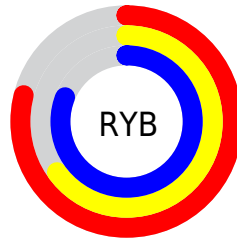
The Yxy color **43.8328, 0.3098, 0.2782** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **55.9903, 0.3146, 0.3839**, and the grayscale version is **45.8818, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.6664, 0.3143, 0.2950**, and **20.3132, 0.3084, 0.2645** is the 20% darker color. If you saturate the color by 10%, you get **36.5597, 0.3078, 0.2523**, and if you desaturate by 10%, it is **52.3258, 0.3114, 0.3037**.

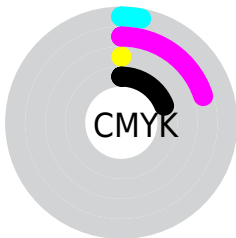
Distribution



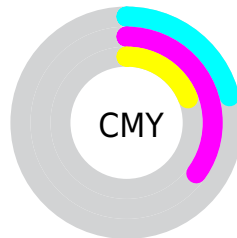
- Red (79%)
- Green (65%)
- Blue (81%)



- Red (79%)
- Yellow (65%)
- Blue (81%)



- Cyan (3%)
- Magenta (20%)
- Yellow (0%)
- Black (19%)





- Cyan (21%)
- Magenta (35%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.8328, 0.3098, 0.2782 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 43.8328, 0.3098, 0.2782 by changing the saturation by 10% instead.

 43.8328, 0.3098,
0.2782

 43.8328, 0.3098,
0.2782


362.0255, 0.3117,
0.3029

 30.5391, 0.3092,
0.2723


 80.9661, 0.3106,
0.2870

 20.2481, 0.3084,
0.2648


 105.5745, 0.3108,
0.2903

 12.5755, 0.3073,
0.2551


134.7232, 0.3110,
0.2932

 7.1369, 0.3055,
0.2419

168.7966, 0.3112,
0.2957

 3.5479, 0.3024,
0.2233

208.1791, 0.3113,
0.2978

 1.4240, 0.2965,
0.1948

253.2552, 0.3115,

 0.2343, 0.2984,

0.2997

0.0964

304.4092, 0.3116,
0.3014

0.0000, 0.0000,
0.0000

43.8328, 0.3098,
0.2782

43.8328, 0.3098,
0.2782

36.5597, 0.3078,
0.2523

52.3258, 0.3114,
0.3037

30.4429, 0.3054,
0.2269

62.0873, 0.3127,
0.3283

25.4212, 0.3026,
0.2030

73.1701, 0.3136,
0.3515

21.4260, 0.2994,
0.1815

85.6222, 0.3143,
0.3731

18.3804, 0.2960,
0.1634

90.5795, 0.3157,
0.3800

■ 16.1969, 0.2924,
0.1495

■ 91.0297, 0.3175,
0.3797

■ 14.7716, 0.2887,
0.1400

■ 91.4878, 0.3194,
0.3794

■ 13.9282, 0.2851,
0.1344

■ 91.9541, 0.3213,
0.3791

■ 92.4284, 0.3231,
0.3788

Harmonies

Analogous

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



43.8328, 0.2747, 0.2681



43.8328, 0.3098, 0.2782



43.8328, 0.3477, 0.2999

Triad

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



43.8328, 0.3098, 0.2782



43.8328, 0.3770, 0.3847



43.8328, 0.2520, 0.3239

Complementary

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



43.8328, 0.3098, 0.2782



55.9903, 0.3146, 0.3839

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.



43.8328, 0.2768, 0.3604



43.8328, 0.3098, 0.2782



43.8328, 0.3489, 0.3964

Square

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



43.8328, 0.3098, 0.2782



43.8328, 0.3878, 0.3594



43.8328, 0.3120, 0.3881



43.8328, 0.2430, 0.2918

Rectangle

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



43.8328, 0.3098, 0.2782



43.8328, 0.3689, 0.3187



43.8328, 0.3120, 0.3881



43.8328, 0.2587, 0.3362

Sweetspot

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



43.8347, 0.3098, 0.2782



90.2146, 0.3120, 0.3142



41.7392, 0.2796, 0.2820



19.0916, 0.3119, 0.3126



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.



43.8347, 0.3098, 0.2782



65.3661, 0.3090, 0.2679



43.9903, 0.3277, 0.2959



11.9206, 0.3115, 0.3059



8.8075, 0.2856, 0.1347



0.5163, 0.2925, 0.1385

Inverse Universe

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



43.1097, 0.3472, 0.3217



64.0414, 0.3560, 0.3202



55.9033, 0.3002, 0.3646



11.8352, 0.3269, 0.3257



8.4232, 0.6199, 0.3188



0.4800, 0.5765, 0.2949

Previews

White Background



This preview shows how the Yxy color 43.8328, 0.3098, 0.2782 looks on a white background.

Color Contrast Check

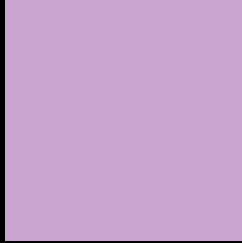
Large Text (above 18pt) WCAG AA × Fail

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 43.8328, 0.3098, 0.2782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

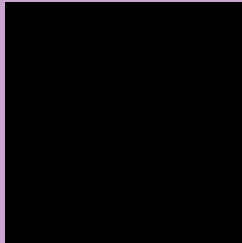
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.8328, 0.3098, 0.2782

Background



This preview shows how black text looks on a background with the Yxy color 43.8328, 0.3098, 0.2782.



This preview shows how white text looks on a background with the Yxy color 43.8328, 0.3098, 0.2782.

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

43.8328, 0.3098, 0.2782

Protanopia

43.9500, 0.2782, 0.2789

Deuteranopia

44.0467, 0.2926, 0.2870



Tritanopia

43.6651, 0.3263, 0.3114

Trichromacy



Original Color

43.8328, 0.3098, 0.2782

Protanomaly

43.6527, 0.2896, 0.2786

Deuteranomaly

43.8970, 0.2992, 0.2840

Tritanomaly

43.8168, 0.3195, 0.2991

Monochromacy



Original Color

43.8328, 0.3098, 0.2782

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.0690, 0.3119, 0.3098

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.8328, 0.3098, 0.2782 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(201, 165, 207)` looks like.

```
.text, #text, p{  
    color:rgb(201, 165, 207)  
}
```

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(201, 165, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 165, 207) }
```

Border

The CSS property to change the border of an element to Yxy 43.8328, 0.3098, 0.2782 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(201, 165, 207) }
```

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

```
.border{ border-color:rgb(201, 165, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 165, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 165, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 165, 207);  
box-shadow:4px 4px 4px 4px rgb(201, 165,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 43.8328, 0.3098, 0.2782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 165, 207) }
```

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

```
.background{ background-color: rgb(201,  
165, 207) }
```

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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