

Converting Colors

$Yxy(34.8439, 0.3302, 0.2825)$

Have a look what the booklet for
Yxy(34.8439, 0.3302, 0.2825)
contains.

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Color

Yxy(34.8439, 0.3302, 0.2825)

Conversions

Conversions Part 1

Format	Color
Hex	C390B4
RGB	195, 144, 180
RGB Percent	76%, 56%, 71%
CMY	0.2351, 0.4354, 0.2940
CMYK	0.00, 0.26, 0.08, 0.24
HSL	318°, 30%, 66%
HSV	318°, 26%, 76%
XYZ	40.7273, 34.8439, 47.7701
YIQ	163.3530, 18.8400, 22.0080

Conversions

Conversions Part 2

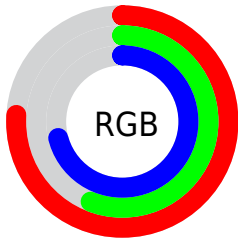
Format	Color
R_{YB}	195, 144, 180
Decimal	12816564
CIE _{Lab}	65.63, 25.11, -11.24
CIE _{LCh}	66, 27.510, 335.895
Yxy	34.8439, 0.3302, 0.2825
Android (android.graphics.Color)	4291006644 (0xFFC390B4)
YUV	163.3530, 8.2070, 27.7544
Hunter-Lab	59.0287, 19.8571, -6.6614

Details

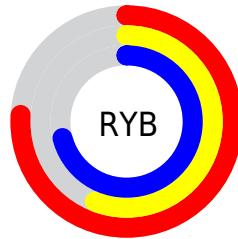
The Yxy color $34.8439, 0.3302, 0.2825$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $47.4815, 0.2988, 0.3806$, and the grayscale version is $36.7572, 0.3127, 0.3290$.

A 20% lighter version of the original color is $67.1397, 0.3268, 0.2907$, and $15.0237, 0.3360, 0.2695$ is the 20% darker color. If you saturate the color by 10%, you get $29.2105, 0.3389, 0.2643$, and if you desaturate by 10%, it is $41.5107, 0.3227, 0.3007$.

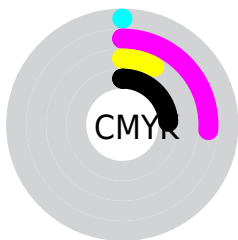
Distribution



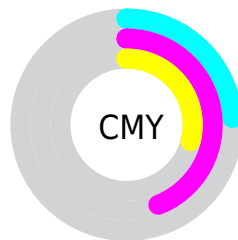
- Red (76%)
- Green (56%)
- Blue (71%)



- Red (76%)
- Yellow (56%)
- Blue (71%)



- Cyan (0%)
- Magenta (26%)
- Yellow (8%)
- Black (24%)





- Cyan (24%)
- Magenta (44%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.8439, 0.3302, 0.2825 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 34.8439, 0.3302, 0.2825 by changing the saturation by 10% instead.

 34.8439, 0.3302,
0.2825


 34.8439, 0.3302,
0.2825


323.8788, 0.3215,
0.3060

 23.5427, 0.3324,
0.2766


 67.2439, 0.3270,
0.2911

 14.9947, 0.3352,
0.2689


 89.1114, 0.3258,
0.2943

 8.8157, 0.3389,
0.2587


115.2698, 0.3248,
0.2970

 4.6211, 0.3441,
0.2444

146.1035, 0.3240,
0.2993

 2.0267, 0.3517,
0.2228

181.9968, 0.3232,
0.3013

 0.6229, 0.3665,
0.1812

223.3342, 0.3225,

 0.0000, 0.3717,

0.3031

0.0000

270.5001, 0.3220,
0.3046

0.0000, 0.0000,
0.0000

34.8439, 0.3302,
0.2825

34.8439, 0.3302,
0.2825

29.2105, 0.3389,
0.2643

41.5107, 0.3227,
0.3007

24.5533, 0.3487,
0.2469

49.2551, 0.3162,
0.3185

20.8166, 0.3596,
0.2311

58.1244, 0.3107,
0.3353

17.9370, 0.3714,
0.2180

68.1615, 0.3061,
0.3512

15.8433, 0.3837,
0.2087

79.4073, 0.3023,
0.3659

■ 14.4525, 0.3961,
0.2040

■ 88.0063, 0.2990,
0.3734

■ 13.6589, 0.4082,
0.2041

■ 88.3055, 0.2959,
0.3669

■ 13.4332, 0.4128,
0.2048

■ 88.6152, 0.2929,
0.3605

■ 88.9354, 0.2898,
0.3541

Harmonies

Analogous

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



34.8439, 0.2877, 0.2646



34.8439, 0.3302, 0.2825



34.8439, 0.3702, 0.3111

Triad

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



34.8439, 0.3302, 0.2825



34.8439, 0.3716, 0.4005



34.8439, 0.2375, 0.3041

Complementary

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



34.8439, 0.3302, 0.2825



47.4815, 0.2988, 0.3806

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.



34.8439, 0.2570, 0.3447



34.8439, 0.3302, 0.2825



34.8439, 0.3336, 0.4041

Square

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



34.8439, 0.3302, 0.2825



34.8439, 0.3944, 0.3776



34.8439, 0.2917, 0.3832



34.8439, 0.2366, 0.2744

Rectangle

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



34.8439, 0.3302, 0.2825



34.8439, 0.3887, 0.3335



34.8439, 0.2917, 0.3832



34.8439, 0.2420, 0.3169

Sweetspot

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



34.8455, 0.3302, 0.2825



85.3210, 0.3174, 0.3151



31.1982, 0.2809, 0.2576



18.2039, 0.3183, 0.3124



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.



34.8455, 0.3302, 0.2825



56.8062, 0.3347, 0.2728



33.9174, 0.3560, 0.3144



10.1954, 0.3181, 0.3129



8.7417, 0.4113, 0.2039



0.3893, 0.3866, 0.1904

Inverse Universe

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



34.8455, 0.3302, 0.2825



56.8062, 0.3347, 0.2728



48.4380, 0.2820, 0.3442



10.1954, 0.3181, 0.3129



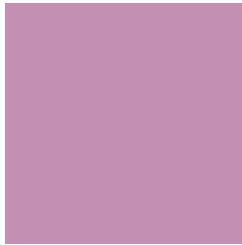
8.7417, 0.4113, 0.2039



0.3893, 0.3866, 0.1904

Previews

White Background



This preview shows how the Yxy color 34.8439, 0.3302, 0.2825 looks on a white background.

Color Contrast Check

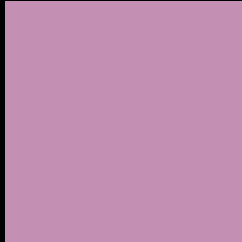
Large Text (above 18pt) WCAG AA × Fail

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 34.8439, 0.3302, 0.2825 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 34.8439, 0.3302, 0.2825

Background



This preview shows how black text looks on a background with the Yxy color 34.8439, 0.3302, 0.2825.



This preview shows how white text looks on a background with the Yxy color 34.8439, 0.3302, 0.2825.

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

34.8439, 0.3302, 0.2825

Protanopia

34.9001, 0.2820, 0.2849

Deuteranopia

34.8725, 0.3037, 0.2967



Tritanopia

34.8895, 0.3477, 0.3144

Trichromacy



Original Color

34.8439, 0.3302, 0.2825

Protanomaly

34.6525, 0.2977, 0.2834

Deuteranomaly

34.7350, 0.3125, 0.2908

Tritanomaly

34.9949, 0.3407, 0.3026

Monochromacy



Original Color

34.8439, 0.3302, 0.2825

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

35.7555, 0.3194, 0.3110

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.8439, 0.3302, 0.2825 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(195, 144, 180)` looks like.

```
.text, #text, p{  
    color:rgb(195, 144, 180)  
}
```

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(195, 144, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 144, 180) }
```

Border

The CSS property to change the border of an element to Yxy 34.8439, 0.3302, 0.2825 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(195, 144, 180) }
```

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

```
.border{ border-color:rgb(195, 144, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 144, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 144, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 144, 180);  
box-shadow:4px 4px 4px 4px rgb(195, 144,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 34.8439, 0.3302, 0.2825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 144, 180) }
```

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

```
.background{ background-color: rgb(195,  
144, 180) }
```

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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