

Converting Colors

$Yxy(33.9154, 0.3420, 0.2866)$

Have a look what the booklet for
Yxy(33.9154, 0.3420, 0.2866)
contains.

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Color

Yxy(33.9154, 0.3420, 0.2866)

Conversions

Conversions Part 1

Format	Color
Hex	C78CAD
RGB	199, 140, 173
RGB Percent	78%, 55%, 68%
CMY	0.2197, 0.4509, 0.3215
CMYK	0.00, 0.30, 0.13, 0.22
HSL	326°, 34%, 66%
HSV	326°, 30%, 78%
XYZ	40.4713, 33.9154, 43.9504
YIQ	161.4030, 24.5710, 22.7710

Conversions

Conversions Part 2

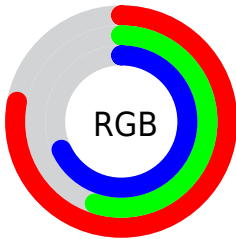
Format	Color
R _Y B	199, 140, 173
Decimal	13077677
CIE Lab	64.90, 27.47, -8.33
CIE LCh	65, 28.709, 343.127
Yxy	33.9154, 0.3420, 0.2866
Android (android.graphics.Color)	4291267757 (0xFFC78CAD)
YUV	161.4030, 5.7173, 32.9726
Hunter-Lab	58.2369, 22.1325, -3.9793

Details

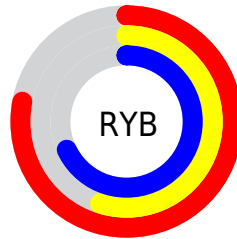
The Yxy color **33.9154, 0.3420, 0.2866** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **49.1693, 0.2913, 0.3758**, and the grayscale version is **35.8029, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.4450, 0.3356, 0.2947**, and **14.4545, 0.3503, 0.2733** is the 20% darker color. If you saturate the color by 10%, you get **28.2892, 0.3557, 0.2719**, and if you desaturate by 10%, it is **40.6185, 0.3304, 0.3014**.

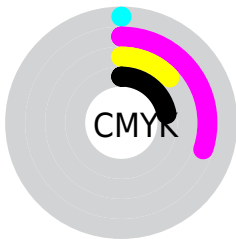
Distribution



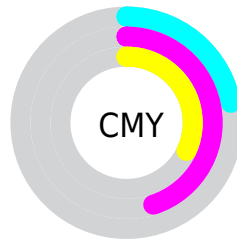
- Red (78%)
- Green (55%)
- Blue (68%)



- Red (78%)
- Yellow (55%)
- Blue (68%)



- Cyan (0%)
- Magenta (30%)
- Yellow (13%)
- Black (22%)





- Cyan (22%)
- Magenta (45%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.9154, 0.3420, 0.2866 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 33.9154, 0.3420, 0.2866 by changing the saturation by 10% instead.


 33.9154, 0.3420,
0.2866


 33.9154, 0.3420,
0.2866

319.7547, 0.3269,
0.3082


 22.8286, 0.3459,
0.2811

 65.8021, 0.3364,
0.2945

 14.4670, 0.3510,
0.2739


 87.3708, 0.3344,
0.2975

 8.4462, 0.3579,
0.2643

 113.2022, 0.3326,
0.3000

 4.3818, 0.3679,
0.2506

143.6808, 0.3312,
0.3021

 1.8893, 0.3833,
0.2298

179.1910, 0.3299,
0.3039

 0.5419, 0.4165,
0.1828

220.1171, 0.3288,

 0.0000, 1.0000,

0.3055

0.0000

266.8435, 0.3278,
0.3069

■ 0.0000, 0.0000,
0.0000

■ 33.9154, 0.3420,
0.2866

■ 33.9154, 0.3420,
0.2866

■ 28.2892, 0.3557,
0.2719

■ 40.6185, 0.3304,
0.3014

■ 23.6781, 0.3715,
0.2581

■ 48.4466, 0.3206,
0.3158

■ 20.0212, 0.3893,
0.2460

■ 57.4507, 0.3124,
0.3295

■ 17.2490, 0.4089,
0.2369

■ 67.6772, 0.3057,
0.3423

■ 15.2825, 0.4296,
0.2320

■ 79.1699, 0.3001,
0.3542

■ 14.0285, 0.4506,
0.2322

■ 89.1292, 0.2953,
0.3607

■ 13.3176, 0.4710,
0.2371

■ 89.6217, 0.2906,
0.3510

■ 13.2949, 0.4718,
0.2373

■ 90.1392, 0.2860,
0.3415

■ 90.6820, 0.2815,
0.3322

Harmonies

Analogous

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



33.9154, 0.2966, 0.2648



33.9154, 0.3420, 0.2866



33.9154, 0.3814, 0.3184

Triad

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



33.9154, 0.3420, 0.2866



33.9154, 0.3659, 0.4074



33.9154, 0.2318, 0.2937

Complementary

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



33.9154, 0.3420, 0.2866



49.1693, 0.2913, 0.3758

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.



33.9154, 0.2475, 0.3346



33.9154, 0.3420, 0.2866



33.9154, 0.3238, 0.4054

Square

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



33.9154, 0.3420, 0.2866



33.9154, 0.3948, 0.3870



33.9154, 0.2806, 0.3776



33.9154, 0.2356, 0.2666

Rectangle

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



33.9154, 0.3420, 0.2866



33.9154, 0.3973, 0.3422



33.9154, 0.2806, 0.3776



33.9154, 0.2349, 0.3062

Sweetspot

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



33.9169, 0.3420, 0.2866



85.5872, 0.3202, 0.3165



30.9426, 0.2839, 0.2487



17.8554, 0.3215, 0.3144



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.



33.9169, 0.3420, 0.2866



52.4091, 0.3512, 0.2764



32.9115, 0.3737, 0.3240



10.7346, 0.3204, 0.3161



8.5682, 0.4691, 0.2358



0.4201, 0.4301, 0.2143

Inverse Universe

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



33.9169, 0.3420, 0.2866



52.4091, 0.3512, 0.2764



50.3589, 0.2727, 0.3342



10.7346, 0.3204, 0.3161



8.5682, 0.4691, 0.2358



0.4201, 0.4301, 0.2143

Previews

White Background



This preview shows how the Yxy color 33.9154, 0.3420, 0.2866 looks on a white background.

Color Contrast Check

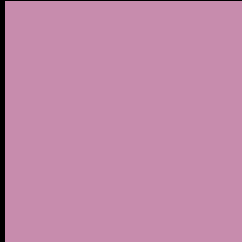
Large Text (above 18pt) WCAG AA × Fail

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 33.9154, 0.3420, 0.2866 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

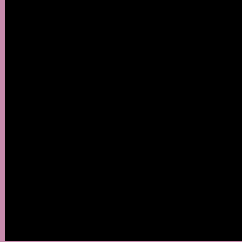
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.9154, 0.3420, 0.2866

Background



This preview shows how black text looks on a background with the Yxy color 33.9154, 0.3420, 0.2866.



This preview shows how white text looks on a background with the Yxy color 33.9154, 0.3420, 0.2866.

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

33.9154, 0.3420, 0.2866

Protanopia

34.3469, 0.2859, 0.2901

Deuteranopia

33.9382, 0.3100, 0.3034



Tritanopia

33.8483, 0.3595, 0.3146

Trichromacy



Original Color

33.9154, 0.3420, 0.2866

Protanomaly

33.9746, 0.3049, 0.2886

Deuteranomaly

33.7421, 0.3213, 0.2960

Tritanomaly

33.9250, 0.3533, 0.3042

Monochromacy



Original Color

33.9154, 0.3420, 0.2866

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

34.6130, 0.3235, 0.3122

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.9154, 0.3420, 0.2866 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(199, 140, 173)` looks like.

```
.text, #text, p{  
    color:rgb(199, 140, 173)  
}
```

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(199, 140, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 140, 173) }
```

Border

The CSS property to change the border of an element to Yxy 33.9154, 0.3420, 0.2866 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(199, 140, 173) }
```

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

```
.border{ border-color:rgb(199, 140, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 140, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 140, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 140, 173);  
box-shadow:4px 4px 4px 4px rgb(199, 140,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 33.9154, 0.3420, 0.2866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 140, 173) }
```

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

```
.background{ background-color: rgb(199,  
140, 173) }
```

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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