

Converting Colors

$Yxy(33.9347, 0.3408, 0.2855)$

Have a look what the booklet for
Yxy(33.9347, 0.3408, 0.2855)
contains.

Yxy(33.9543, 0.3410, 0.2854)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(33.9543, 0.3410, 0.2854)

Conversions

Conversions Part 1

Format	Color
Hex	C78CAE
RGB	199, 140, 174
RGB Percent	78%, 55%, 68%
CMY	0.2196, 0.4509, 0.3177
CMYK	0.00, 0.30, 0.13, 0.22
HSL	325°, 34%, 66%
HSV	325°, 30%, 78%
XYZ	40.5691, 33.9543, 44.4475
YIQ	161.5170, 24.2500, 23.0820

Conversions

Conversions Part 2

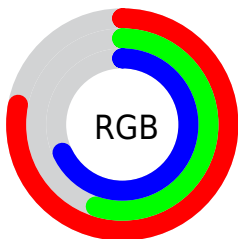
Format	Color
R _{YB}	199, 140, 174
Decimal	13077678
CIE Lab	64.93, 27.64, -8.84
CIE LCh	65, 29.020, 342.275
Yxy	33.9543, 0.3410, 0.2854
Android (android.graphics.Color)	4291267758 (0xFFC78CAE)
YUV	161.5170, 6.1541, 32.8726
Hunter-Lab	58.2703, 22.3026, -4.4361

Details

The Yxy color **33.9543, 0.3410, 0.2854** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **49.1405, 0.2920, 0.3772**, and the grayscale version is **35.8566, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.5007, 0.3348, 0.2937**, and **14.4792, 0.3488, 0.2717** is the 20% darker color. If you saturate the color by 10%, you get **28.3373, 0.3541, 0.2703**, and if you desaturate by 10%, it is **40.6467, 0.3298, 0.3006**.

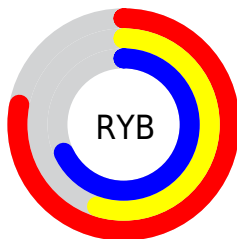
Distribution



Red (78%)

Green (55%)

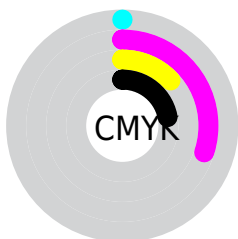
Blue (68%)



Red (78%)

Yellow (55%)

Blue (68%)

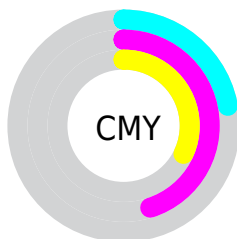


Cyan (0%)

Magenta (30%)

Yellow (13%)

Black (22%)



Cyan (22%)

Magenta (45%)

Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.9543, 0.3410, 0.2854 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 33.9543, 0.3410, 0.2854 by changing the saturation by 10% instead.


 33.9543, 0.3410,
0.2854


 33.9543, 0.3410,
0.2854


319.9282, 0.3265,
0.3076

 22.8585, 0.3447,
0.2798


 65.8626, 0.3356,
0.2935

 14.4891, 0.3496,
0.2724


 87.4439, 0.3337,
0.2966

 8.4616, 0.3562,
0.2626


 113.2891, 0.3320,
0.2991

 4.3917, 0.3657,
0.2486

143.7827, 0.3306,
0.3013

 1.8950, 0.3804,
0.2274

179.3090, 0.3293,
0.3032

 0.5454, 0.4116,
0.1804

220.2524, 0.3283,

 0.0000, 0.9585,

0.3048

0.0000

266.9974, 0.3273,
0.3063

0.0000, 0.0000,
0.0000

33.9543, 0.3410,
0.2854

33.9543, 0.3410,
0.2854

28.3373, 0.3541,
0.2703

40.6467, 0.3298,
0.3006

23.7340, 0.3693,
0.2561

48.4627, 0.3204,
0.3154

20.0836, 0.3864,
0.2437

57.4532, 0.3125,
0.3295

17.3165, 0.4051,
0.2343

67.6645, 0.3059,
0.3427

15.3538, 0.4248,
0.2290

79.1405, 0.3004,
0.3550

■ 14.1024, 0.4447,
0.2288

■ 89.0778, 0.2958,
0.3617

■ 13.3926, 0.4642,
0.2333

■ 89.5489, 0.2913,
0.3524

■ 13.3703, 0.4649,
0.2335

■ 90.0432, 0.2869,
0.3432

■ 90.5609, 0.2825,
0.3342

Harmonies

Analogous

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



33.9543, 0.2951, 0.2637



33.9543, 0.3410, 0.2854



33.9543, 0.3812, 0.3172

Triad

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



33.9543, 0.3410, 0.2854



33.9543, 0.3675, 0.4079



33.9543, 0.2312, 0.2943

Complementary

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



33.9543, 0.3410, 0.2854



49.1405, 0.2920, 0.3772

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.



33.9543, 0.2476, 0.3359



33.9543, 0.3410, 0.2854



33.9543, 0.3252, 0.4066

Square

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



33.9543, 0.3410, 0.2854



33.9543, 0.3962, 0.3867



33.9543, 0.2814, 0.3793



33.9543, 0.2345, 0.2665

Rectangle

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



33.9543, 0.3410, 0.2854



33.9543, 0.3977, 0.3413



33.9543, 0.2814, 0.3793



33.9543, 0.2345, 0.3070

Sweetspot

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



33.9558, 0.3410, 0.2854



85.6101, 0.3199, 0.3161



30.8375, 0.2830, 0.2485



17.8611, 0.3212, 0.3140



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.



33.9558, 0.3410, 0.2854



52.4864, 0.3498, 0.2750



32.9428, 0.3726, 0.3227



10.7376, 0.3201, 0.3158



8.6153, 0.4624, 0.2321



0.4222, 0.4252, 0.2116

Inverse Universe

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



33.9558, 0.3410, 0.2854



52.4864, 0.3498, 0.2750



50.3216, 0.2733, 0.3356



10.7376, 0.3201, 0.3158



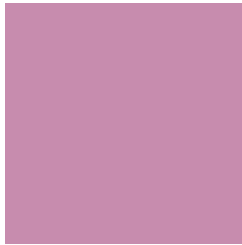
8.6153, 0.4624, 0.2321



0.4222, 0.4252, 0.2116

Previews

White Background



This preview shows how the Yxy color 33.9543, 0.3410, 0.2854 looks on a white background.

Color Contrast Check

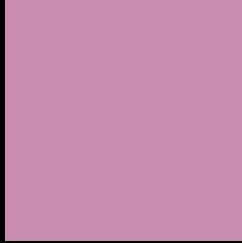
Large Text (above 18pt) WCAG AA × Fail

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 33.9543, 0.3410, 0.2854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

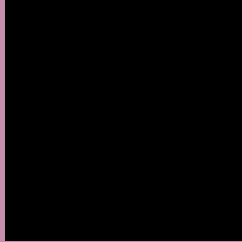
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.9543, 0.3410, 0.2854

Background



This preview shows how black text looks on a background with the Yxy color 33.9543, 0.3410, 0.2854.



This preview shows how white text looks on a background with the Yxy color 33.9543, 0.3410, 0.2854.

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

33.9543, 0.3410, 0.2854

Protanopia

34.3890, 0.2851, 0.2888

Deuteranopia

33.9382, 0.3100, 0.3034



Tritanopia

33.8483, 0.3595, 0.3146

Trichromacy



Original Color

33.9543, 0.3410, 0.2854

Protanomaly

34.0155, 0.3040, 0.2873

Deuteranomaly

33.7421, 0.3213, 0.2960

Tritanomaly

33.9250, 0.3533, 0.3042

Monochromacy



Original Color

33.9543, 0.3410, 0.2854

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

34.9783, 0.3224, 0.3122

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.9543, 0.3410, 0.2854 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, 174)` looks like.

```
.text, #text, p{  
    color:rgb(199, 140, 174)  
}
```

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, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 140, 174) }
```

Border

The CSS property to change the border of an element to Yxy 33.9543, 0.3410, 0.2854 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, 174) }
```

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

```
.border{ border-color:rgb(199, 140, 174) }
```

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, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 140, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 140, 174);  
box-shadow:4px 4px 4px 4px rgb(199, 140,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 33.9543, 0.3410, 0.2854 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, 174) }
```

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

```
.background{ background-color: rgb(199,  
140, 174) }
```

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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