

Converting Colors

$Yxy(49.6321, 0.3102, 0.3019)$

Have a look what the booklet for
Yxy(49.6321, 0.3102, 0.3019)
contains.

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Color

Yxy(49.5495, 0.3098, 0.3012)

Conversions

Conversions Part 1

Format	Color
Hex	C7B5CC
RGB	199, 181, 204
RGB Percent	78%, 71%, 80%
CMY	0.2198, 0.2901, 0.2001
CMYK	0.02, 0.11, 0.00, 0.20
HSL	287°, 18%, 75%
HSV	287°, 11%, 80%
XYZ	50.9643, 49.5495, 63.9932
YIQ	189.0040, 3.3450, 10.9690

Conversions

Conversions Part 2

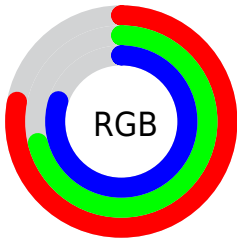
Format	Color
R _Y B	199, 181, 204
Decimal	13088204
CIE Lab	75.79, 10.55, -9.27
CIE LCh	76, 14.042, 318.708
Yxy	49.5495, 0.3098, 0.3012
Android (android.graphics.Color)	4291278284 (0xFFC7B5CC)
YUV	189.0040, 7.3930, 8.7665
Hunter-Lab	70.3914, 6.0513, -4.6269

Details

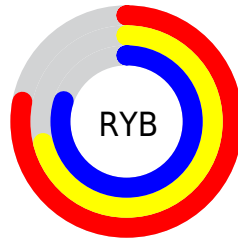
The Yxy color **49.5495, 0.3098, 0.3012** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.9611, 0.3152, 0.3577**, and the grayscale version is **50.8444, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.0484, 0.3135, 0.3117**, and **23.6601, 0.3087, 0.2933** is the 20% darker color. If you saturate the color by 10%, you get **41.2507, 0.3066, 0.2753**, and if you desaturate by 10%, it is **59.0851, 0.3124, 0.3260**.

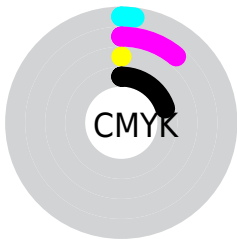
Distribution



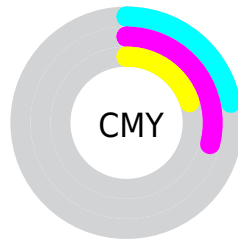
- Red (78%)
- Green (71%)
- Blue (80%)



- Red (78%)
- Yellow (71%)
- Blue (80%)



- Cyan (2%)
- Magenta (11%)
- Yellow (0%)
- Black (20%)




- Cyan (22%)
- Magenta (29%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.5495, 0.3098, 0.3012 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 49.5495, 0.3098, 0.3012 by changing the saturation by 10% instead.

 49.5495, 0.3098,
0.3012

 49.5495, 0.3098,
0.3012


384.9016, 0.3114,
0.3147

 35.0556, 0.3094,
0.2980


 89.5070, 0.3104,
0.3060

 23.7057, 0.3088,
0.2938


115.7394, 0.3106,
0.3078

 15.1154, 0.3081,
0.2885


146.6535, 0.3108,
0.3094

 8.9004, 0.3070,
0.2812

182.6335, 0.3109,
0.3108

 4.6763, 0.3053,
0.2708

224.0639, 0.3111,
0.3119

 2.0586, 0.3024,
0.2546

271.3291, 0.3112,

 0.6412, 0.2983,

0.3130

0.2206

324.8136, 0.3113,
0.3139

■ 0.0000, 0.0000,
0.0000

■ 49.5495, 0.3098,
0.3012

■ 49.5495, 0.3098,
0.3012

■ 41.2507, 0.3066,
0.2753

■ 59.0851, 0.3124,
0.3260

■ 34.1295, 0.3028,
0.2488

■ 69.9006, 0.3145,
0.3493

■ 28.1316, 0.2985,
0.2225

■ 82.0449, 0.3162,
0.3708

■ 23.1957, 0.2935,
0.1975

■ 90.6055, 0.3181,
0.3832

■ 19.2547, 0.2881,
0.1748

■ 91.2995, 0.3210,
0.3827

■ 16.2335, 0.2824,
0.1555

■ 92.0121, 0.3238,
0.3822

■ 14.0464, 0.2765,
0.1403

■ 92.7435, 0.3267,
0.3817

■ 12.5913, 0.2706,
0.1298

■ 93.4940, 0.3296,
0.3813

■ 11.7569, 0.2656,
0.1237

■ 94.2636, 0.3325,
0.3808

Harmonies

Analogous

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



49.5495, 0.2917, 0.2967



49.5495, 0.3098, 0.3012



49.5495, 0.3291, 0.3125

Triad

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



49.5495, 0.3098, 0.3012



49.5495, 0.3467, 0.3573



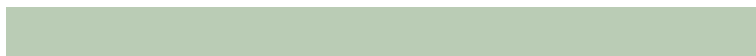
49.5495, 0.2820, 0.3287

Complementary

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



49.5495, 0.3098, 0.3012



56.9611, 0.3152, 0.3577

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.



49.5495, 0.2960, 0.3463



49.5495, 0.3098, 0.3012



49.5495, 0.3333, 0.3630

Square

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



49.5495, 0.3098, 0.3012



49.5495, 0.3508, 0.3443



49.5495, 0.3147, 0.3591



49.5495, 0.2761, 0.3118

Rectangle

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



49.5495, 0.3098, 0.3012



49.5495, 0.3401, 0.3226



49.5495, 0.3147, 0.3591



49.5495, 0.2859, 0.3348

Sweetspot

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



49.5516, 0.3098, 0.3012



94.8991, 0.3120, 0.3217



49.4641, 0.2952, 0.3068



20.0276, 0.3118, 0.3197



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.



49.5516, 0.3098, 0.3012



77.8455, 0.3089, 0.2937



49.9633, 0.3189, 0.3087



11.2749, 0.3103, 0.3059



7.4436, 0.2664, 0.1241



0.4155, 0.2776, 0.1303

Inverse Universe

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



49.4401, 0.3285, 0.3229



77.6327, 0.3332, 0.3212



56.5985, 0.3071, 0.3502



11.2533, 0.3256, 0.3239



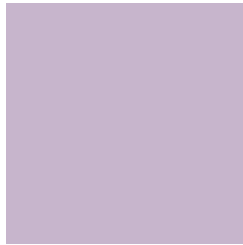
8.2094, 0.6004, 0.3081



0.4352, 0.5445, 0.2773

Previews

White Background



This preview shows how the Yxy color 49.5495, 0.3098, 0.3012 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 49.5495, 0.3098, 0.3012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

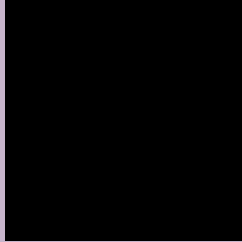
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.5495, 0.3098, 0.3012

Background



This preview shows how black text looks on a background with the Yxy color 49.5495, 0.3098, 0.3012.



This preview shows how white text looks on a background with the Yxy color 49.5495, 0.3098, 0.3012.

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

49.5495, 0.3098, 0.3012

Protanopia

49.8132, 0.2954, 0.3028

Deuteranopia

49.6858, 0.3081, 0.3023



Tritanopia

49.4929, 0.3144, 0.3106

Trichromacy



Original Color

49.5495, 0.3098, 0.3012

Protanomaly

49.5560, 0.3001, 0.3018

Deuteranomaly

49.8213, 0.3090, 0.3023

Tritanomaly

49.6318, 0.3121, 0.3071

Monochromacy



Original Color

49.5495, 0.3098, 0.3012

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.3503, 0.3124, 0.3191

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.5495, 0.3098, 0.3012 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, 181, 204)` looks like.

```
.text, #text, p{  
    color:rgb(199, 181, 204)  
}
```

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, 181, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 181, 204) }
```

Border

The CSS property to change the border of an element to Yxy 49.5495, 0.3098, 0.3012 is called "border". The border property can be set on classes, ids or directly on the HTML element.

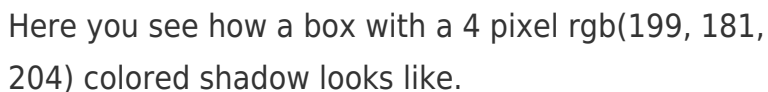
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(199, 181, 204) }
```

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

```
.border{ border-color:rgb(199, 181, 204) }
```

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



Here you see how a box with a 4 pixel `rgb(199, 181, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 181, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 181, 204);  
box-shadow:4px 4px 4px 4px rgb(199, 181,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 49.5495, 0.3098, 0.3012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 181, 204) }
```

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

```
.background{ background-color: rgb(199,  
181, 204) }
```

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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