

Converting Colors

$Y_{xy}(45.5291, 0.3316, 0.3246)$

Have a look what the booklet for
Yxy(45.5291, 0.3316, 0.3246)
contains.

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Color

Yxy(45.4922, 0.3309, 0.3240)

Conversions

Conversions Part 1

Format	Color
Hex	C6AEB2
RGB	198, 174, 178
RGB Percent	78%, 68%, 70%
CMY	0.2235, 0.3176, 0.3019
CMYK	0.00, 0.12, 0.10, 0.22
HSL	350°, 17%, 73%
HSV	350°, 12%, 78%
XYZ	46.4610, 45.4922, 48.4548
YIQ	181.6320, 13.0200, 6.3320

Conversions

Conversions Part 2

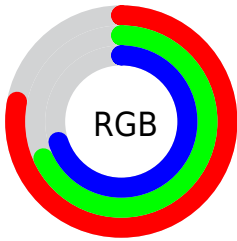
Format	Color
RYB	198, 174, 178
Decimal	13020850
CIELab	73.21, 9.32, 1.12
CIELCh	73, 9.391, 6.877
Yxy	45.4922, 0.3309, 0.3240
Android (android.graphics.Color)	4291210930 (0xFFC6AEB2)
YUV	181.6320, -1.7906, 14.3547
Hunter-Lab	67.4479, 4.9246, 4.6194

Details

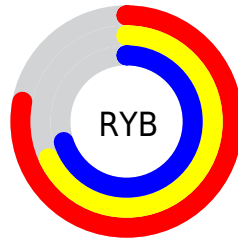
The Yxy color **45.4922, 0.3309, 0.3240** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.2824, 0.2971, 0.3341**, and the grayscale version is **46.5744, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.2391, 0.3275, 0.3241**, and **21.3290, 0.3366, 0.3239** is the 20% darker color. If you saturate the color by 10%, you get **37.7757, 0.3499, 0.3196**, and if you desaturate by 10%, it is **54.4201, 0.3156, 0.3282**.

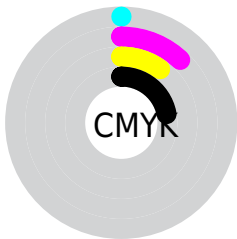
Distribution



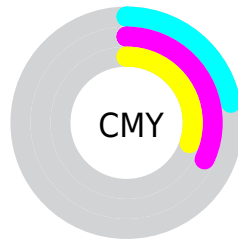
- Red (78%)
- Green (68%)
- Blue (70%)



- Red (78%)
- Yellow (68%)
- Blue (70%)



- Cyan (0%)
- Magenta (12%)
- Yellow (10%)
- Black (22%)




- Cyan (22%)
- Magenta (32%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.4922, 0.3309, 0.3240 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 45.4922, 0.3309, 0.3240 by changing the saturation by 10% instead.


 45.4922, 0.3309,
0.3240

 45.4922, 0.3309,
0.3240


368.7633, 0.3218,
0.3266

 31.8453, 0.3332,
0.3233


 83.4585, 0.3276,
0.3249

 21.2434, 0.3362,
0.3225


108.5467, 0.3263,
0.3253

 13.3020, 0.3402,
0.3214


138.2175, 0.3253,
0.3256

 7.6368, 0.3458,
0.3197

172.8552, 0.3244,
0.3258

 3.8635, 0.3542,
0.3173

212.8442, 0.3236,
0.3260

 1.5975, 0.3686,
0.3130

258.5690, 0.3229,

 0.3559, 0.4598,

0.3262

0.2892

310.4139, 0.3223,
0.3264

0.0000, 0.0000,
0.0000

45.4922, 0.3309,
0.3240

45.4922, 0.3309,
0.3240

37.7757, 0.3499,
0.3196

54.4201, 0.3156,
0.3282

31.2127, 0.3733,
0.3151

64.6021, 0.3032,
0.3320

25.7493, 0.4019,
0.3107

76.0865, 0.2931,
0.3355

21.3253, 0.4360,
0.3070

88.9169, 0.2849,
0.3387

17.8743, 0.4752,
0.3045

90.7458, 0.2794,
0.3289

■ 15.3225, 0.5176,
0.3041

■ 13.5854, 0.5592,
0.3065

■ 12.5623, 0.5950,
0.3119

■ 12.1158, 0.6166,
0.3170

Harmonies

Analogous

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



45.4922, 0.3190, 0.3140



45.4922, 0.3309, 0.3240



45.4922, 0.3379, 0.3355

Triad

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



45.4922, 0.3309, 0.3240



45.4922, 0.3195, 0.3513



45.4922, 0.2880, 0.3119

Complementary

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



45.4922, 0.3309, 0.3240



53.2824, 0.2971, 0.3341

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.



45.4922, 0.2882, 0.3217



45.4922, 0.3309, 0.3240



45.4922, 0.3061, 0.3448

Square

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



45.4922, 0.3309, 0.3240



45.4922, 0.3312, 0.3515



45.4922, 0.2947, 0.3338



45.4922, 0.2943, 0.3069

Rectangle

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



45.4922, 0.3309, 0.3240



45.4922, 0.3388, 0.3426



45.4922, 0.2947, 0.3338



45.4922, 0.2873, 0.3147

Sweetspot

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



45.4942, 0.3309, 0.3240



93.1285, 0.3183, 0.3274



45.7676, 0.3103, 0.2991



19.6655, 0.3194, 0.3271



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.



45.4942, 0.3309, 0.3240



76.0917, 0.3364, 0.3227



48.3555, 0.3332, 0.3386



10.6653, 0.3264, 0.3252



7.8878, 0.6139, 0.3155



0.3827, 0.5604, 0.2861

Inverse Universe

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



45.4942, 0.3309, 0.3240



76.0917, 0.3364, 0.3227



50.0775, 0.2942, 0.3192



10.6653, 0.3264, 0.3252



7.8878, 0.6139, 0.3155



0.3827, 0.5604, 0.2861

Previews

White Background



This preview shows how the Yxy color 45.4922, 0.3309, 0.3240 looks on a white background.

Color Contrast Check

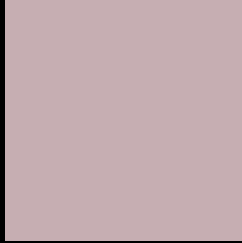
Large Text (above 18pt) WCAG AA × Fail

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 45.4922, 0.3309, 0.3240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

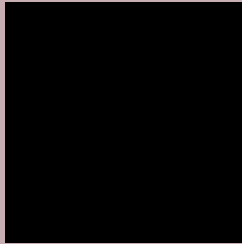
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.4922, 0.3309, 0.3240

Background



This preview shows how black text looks on a background with the Yxy color 45.4922, 0.3309, 0.3240.



This preview shows how white text looks on a background with the Yxy color 45.4922, 0.3309, 0.3240.

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

45.4922, 0.3309, 0.3240

Protanopia

45.6437, 0.3146, 0.3264

Deuteranopia

45.4922, 0.3309, 0.3240



Tritanopia

45.5744, 0.3251, 0.3128

Trichromacy



Original Color

45.4922, 0.3309, 0.3240

Protanomaly

45.4309, 0.3199, 0.3251

Deuteranomaly

45.4922, 0.3309, 0.3240

Tritanomaly

45.4482, 0.3276, 0.3165

Monochromacy



Original Color

45.4922, 0.3309, 0.3240

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.2678, 0.3189, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.4922, 0.3309, 0.3240 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(198, 174, 178)` looks like.

```
.text, #text, p{  
    color:rgb(198, 174, 178)  
}
```

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(198, 174, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 174, 178) }
```

Border

The CSS property to change the border of an element to Yxy 45.4922, 0.3309, 0.3240 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(198, 174, 178) }
```

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

```
.border{ border-color:rgb(198, 174, 178) }
```

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

Here you see how a box with a 4 pixel rgb(198, 174, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 174, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 174, 178);  
box-shadow:4px 4px 4px 4px rgb(198, 174,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 45.4922, 0.3309, 0.3240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 174, 178) }
```

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

```
.background{ background-color: rgb(198,  
174, 178) }
```

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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