

Converting Colors

$Y_{xy}(45.3569, 0.3253, 0.3127)$

Have a look what the booklet for
Yxy(45.3569, 0.3253, 0.3127)
contains.

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Color

Yxy(45.5744, 0.3251, 0.3128)

Conversions

Conversions Part 1

Format	Color
Hex	C7ADBA
RGB	199, 173, 186
RGB Percent	78%, 68%, 73%
CMY	0.2195, 0.3216, 0.2706
CMYK	0.00, 0.13, 0.07, 0.22
HSL	330°, 19%, 73%
HSV	330°, 13%, 78%
XYZ	47.3665, 45.5744, 52.7573
YIQ	182.2560, 11.3230, 9.5550

Conversions

Conversions Part 2

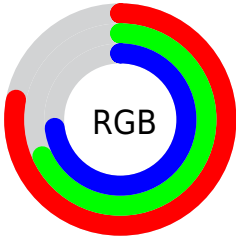
Format	Color
RYB	199, 173, 186
Decimal	13086138
CIELab	73.27, 11.63, -3.17
CIELCh	73, 12.060, 344.737
Yxy	45.5744, 0.3251, 0.3128
Android (android.graphics.Color)	4291276218 (0xFFC7ADBA)
YUV	182.2560, 1.8458, 14.6845
Hunter-Lab	67.5088, 7.1013, 0.9218

Details

The Yxy color **45.5744, 0.3251, 0.3128** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.2917, 0.3019, 0.3458**, and the grayscale version is **46.9138, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.1576, 0.3223, 0.3153**, and **21.3879, 0.3285, 0.3088** is the 20% darker color. If you saturate the color by 10%, you get **38.0949, 0.3368, 0.2997**, and if you desaturate by 10%, it is **54.2245, 0.3154, 0.3253**.

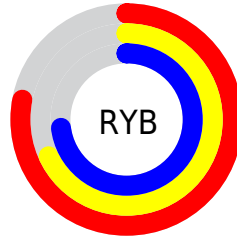
Distribution



Red (78%)

Green (68%)

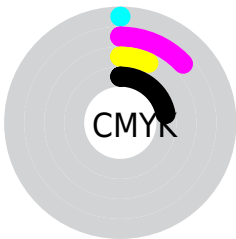
Blue (73%)



Red (78%)

Yellow (68%)

Blue (73%)

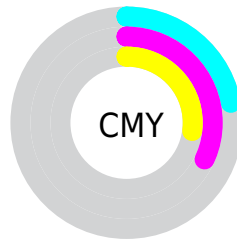


Cyan (0%)

Magenta (13%)

Yellow (7%)

Black (22%)



Cyan (22%)


Magenta (32%)

Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.5744, 0.3251, 0.3128 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 45.5744, 0.3251, 0.3128 by changing the saturation by 10% instead.


 45.5744, 0.3251,
0.3128

 45.5744, 0.3251,
0.3128


369.0949, 0.3189,
0.3208

 31.9101, 0.3266,
0.3108


 83.5817, 0.3229,
0.3157

 21.2928, 0.3286,
0.3083


108.6935, 0.3220,
0.3168

 13.3382, 0.3312,
0.3049


138.3899, 0.3213,
0.3177

 7.6619, 0.3349,
0.3002

173.0553, 0.3207,
0.3185

 3.8794, 0.3403,
0.2933

213.0741, 0.3202,
0.3192

 1.6063, 0.3493,
0.2820

258.8307, 0.3197,

 0.3618, 0.3911,

0.3198

0.2253

310.7095, 0.3193,
0.3204

0.0000, 0.0000,
0.0000

45.5744, 0.3251,
0.3128

45.5744, 0.3251,
0.3128

38.0949, 0.3368,
0.2997

54.2245, 0.3154,
0.3253

31.7292, 0.3508,
0.2864

64.0866, 0.3073,
0.3370

26.4250, 0.3673,
0.2733

75.2078, 0.3007,
0.3479

22.1230, 0.3864,
0.2614

87.6306, 0.2952,
0.3579

18.7584, 0.4081,
0.2515

89.7107, 0.2899,
0.3494

■ 16.2586, 0.4317,
0.2450

■ 90.3051, 0.2847,
0.3387

■ 14.5400, 0.4563,
0.2431

■ 90.8867, 0.2800,
0.3289

■ 13.5024, 0.4807,
0.2465

■ 13.0564, 0.4971,
0.2512

Harmonies

Analogous

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



45.5744, 0.3079, 0.3034



45.5744, 0.3251, 0.3128



45.5744, 0.3392, 0.3263

Triad

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



45.5744, 0.3251, 0.3128



45.5744, 0.3329, 0.3587



45.5744, 0.2805, 0.3157

Complementary

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



45.5744, 0.3251, 0.3128



53.2917, 0.3019, 0.3458

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.



45.5744, 0.2868, 0.3309



45.5744, 0.3251, 0.3128



45.5744, 0.3168, 0.3564

Square

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



45.5744, 0.3251, 0.3128



45.5744, 0.3437, 0.3528



45.5744, 0.3000, 0.3461



45.5744, 0.2825, 0.3047

Rectangle

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



45.5744, 0.3251, 0.3128



45.5744, 0.3448, 0.3361



45.5744, 0.3000, 0.3461



45.5744, 0.2817, 0.3205

Sweetspot

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



45.5764, 0.3251, 0.3128



93.3395, 0.3162, 0.3241



44.4501, 0.3030, 0.2960



19.7188, 0.3169, 0.3232



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.



45.5764, 0.3251, 0.3128



75.4289, 0.3286, 0.3087



45.0478, 0.3364, 0.3291



10.7239, 0.3213, 0.3175



8.4101, 0.4941, 0.2495



0.4128, 0.4485, 0.2244

Inverse Universe

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



45.5764, 0.3251, 0.3128



75.4289, 0.3286, 0.3087



53.8708, 0.2929, 0.3289



10.7239, 0.3213, 0.3175



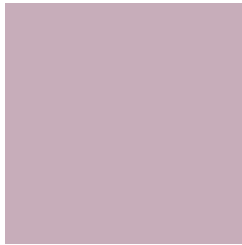
8.4101, 0.4941, 0.2495



0.4128, 0.4485, 0.2244

Previews

White Background



This preview shows how the Yxy color 45.5744, 0.3251, 0.3128 looks on a white background.

Color Contrast Check

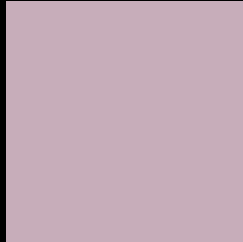
Large Text (above 18pt) WCAG AA × Fail

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 45.5744, 0.3251, 0.3128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

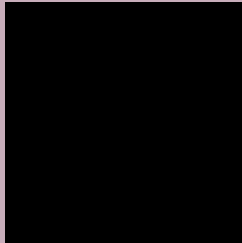
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.5744, 0.3251, 0.3128

Background



This preview shows how black text looks on a background with the Yxy color 45.5744, 0.3251, 0.3128.



This preview shows how white text looks on a background with the Yxy color 45.5744, 0.3251, 0.3128.

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

45.5744, 0.3251, 0.3128

Protanopia

45.6612, 0.3049, 0.3147

Deuteranopia

45.8072, 0.3213, 0.3152



Tritanopia

45.5744, 0.3251, 0.3128

Trichromacy



Original Color

45.5744, 0.3251, 0.3128

Protanomaly

45.6832, 0.3117, 0.3136

Deuteranomaly

45.5530, 0.3223, 0.3139

Tritanomaly

45.5744, 0.3251, 0.3128

Monochromacy



Original Color

45.5744, 0.3251, 0.3128

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.3505, 0.3173, 0.3239

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.5744, 0.3251, 0.3128 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, 173, 186)` looks like.

```
.text, #text, p{  
    color:rgb(199, 173, 186)  
}
```

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, 173, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 173, 186) }
```

Border

The CSS property to change the border of an element to Yxy 45.5744, 0.3251, 0.3128 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, 173, 186) }
```

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

```
.border{ border-color:rgb(199, 173, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 173, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 173, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 173, 186);  
box-shadow:4px 4px 4px 4px rgb(199, 173,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 45.5744, 0.3251, 0.3128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 173, 186) }
```

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

```
.background{ background-color: rgb(199,  
173, 186) }
```

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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