

# Converting Colors

$Yxy(45.1349, 0.3267, 0.3177)$

Have a look what the booklet for  
Yxy(45.1349, 0.3267, 0.3177)  
contains.

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# Color

**Yxy(45.1349, 0.3267, 0.3177)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C5ADB6
RGB	197, 173, 182
RGB Percent	77%, 68%, 71%
CMY	0.2274, 0.3216, 0.2863
CMYK	0.00, 0.12, 0.08, 0.23
HSL	338°, 17%, 73%
HSV	338°, 12%, 77%
XYZ	46.4135, 45.1349, 50.5193
YIQ	181.2020, 11.4150, 7.8870

# Conversions

## Conversions Part 2

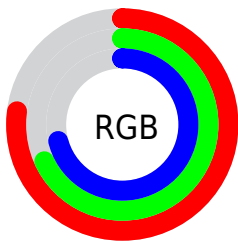
Format	Color
R <sub>YB</sub>	197, 173, 182
Decimal	12955062
CIE Lab	72.98, 10.20, -1.42
CIE LCh	73, 10.297, 352.086
Yxy	45.1349, 0.3267, 0.3177
Android (android.graphics.Color)	4291145142 (0xFFC5ADB6)
YUV	181.2020, 0.3934, 13.8548
Hunter-Lab	67.1825, 5.7486, 2.4434

# Details

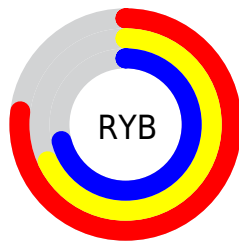
The Yxy color  $45.1349, 0.3267, 0.3177$  is a light color, and the websafe version is hex  $CC9999$ . A complement of this color would be  $52.4509, 0.3005, 0.3406$ , and the grayscale version is  $46.3178, 0.3127, 0.3290$ .

A 20% lighter version of the original color is  $82.7307, 0.3243, 0.3192$ , and  $21.0994, 0.3307, 0.3154$  is the 20% darker color. If you saturate the color by 10%, you get  $37.6430, 0.3410, 0.3079$ , and if you desaturate by 10%, it is  $53.7896, 0.3150, 0.3270$ .

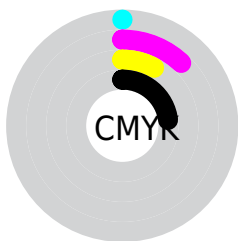
# Distribution



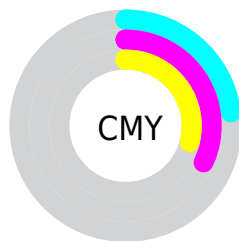
- Red (77%)
- Green (68%)
- Blue (71%)



- Red (77%)
- Yellow (68%)
- Blue (71%)



- Cyan (0%)
- Magenta (12%)
- Yellow (8%)
- Black (23%)




- Cyan (23%)
- Magenta (32%)
- Yellow (29%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 45.1349, 0.3267, 0.3177 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 45.1349, 0.3267, 0.3177 by changing the saturation by 10% instead.





 45.1349, 0.3267,  
0.3177

 45.1349, 0.3267,  
0.3177

367.3196, 0.3197,  
0.3234

 31.5637, 0.3285,  
0.3163


 82.9228, 0.3241,  
0.3198

 21.0285, 0.3307,  
0.3145

107.9083, 0.3232,  
0.3205

 13.1448, 0.3338,  
0.3121


137.4673, 0.3224,  
0.3212

 7.5283, 0.3380,  
0.3087

171.9843, 0.3217,  
0.3217

 3.7947, 0.3444,  
0.3036

211.8437, 0.3211,  
0.3222

 1.5594, 0.3551,  
0.2952

257.4297, 0.3206,

 0.3300, 0.4164,

0.3226

0.2442

309.1269, 0.3201,  
0.3230

0.0000, 0.0000,  
0.0000

45.1349, 0.3267,  
0.3177

45.1349, 0.3267,  
0.3177

37.6430, 0.3410,  
0.3079

53.7896, 0.3150,  
0.3270

31.2582, 0.3583,  
0.2977

63.6478, 0.3054,  
0.3357

25.9292, 0.3791,  
0.2878

74.7556, 0.2975,  
0.3438

21.5981, 0.4035,  
0.2788

87.1549, 0.2910,  
0.3511

18.2016, 0.4316,  
0.2716

89.8979, 0.2847,  
0.3410

■ 15.6690, 0.4626,  
0.2675

■ 90.6110, 0.2789,  
0.3289

■ 13.9192, 0.4949,  
0.2677

■ 12.8555, 0.5263,  
0.2730

■ 12.3629, 0.5491,  
0.2799

# Harmonies

## Analogous

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



45.1349, 0.3123, 0.3085



45.1349, 0.3267, 0.3177



45.1349, 0.3375, 0.3299

# Triad

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



45.1349, 0.3267, 0.3177



45.1349, 0.3269, 0.3546



45.1349, 0.2848, 0.3149

# Complementary

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



45.1349, 0.3267, 0.3177



52.4509, 0.3005, 0.3406

# 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.



45.1349, 0.2885, 0.3274



45.1349, 0.3267, 0.3177



45.1349, 0.3126, 0.3508

# Square

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



45.1349, 0.3267, 0.3177



45.1349, 0.3376, 0.3513



45.1349, 0.2986, 0.3406



45.1349, 0.2883, 0.3067



# Rectangle

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



45.1349, 0.3267, 0.3177



45.1349, 0.3411, 0.3382



45.1349, 0.2986, 0.3406



45.1349, 0.2852, 0.3187

# Sweetspot

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



45.1369, 0.3267, 0.3177



93.2598, 0.3170, 0.3253



44.5866, 0.3061, 0.2986



19.6986, 0.3179, 0.3246



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.



45.1369, 0.3267, 0.3177



76.5311, 0.3308, 0.3147



45.8621, 0.3340, 0.3326



10.7016, 0.3232, 0.3204



8.1462, 0.5457, 0.2780



0.3997, 0.4887, 0.2466



# Inverse Universe

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



45.1369, 0.3267, 0.3177



76.5311, 0.3308, 0.3147



51.5910, 0.2942, 0.3254



10.7016, 0.3232, 0.3204



8.1462, 0.5457, 0.2780

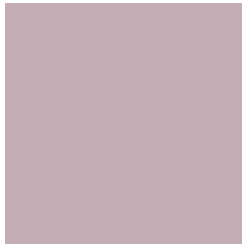


0.3997, 0.4887, 0.2466



# Previews

## White Background



This preview shows how the Yxy color 45.1349, 0.3267, 0.3177 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

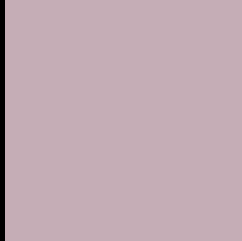
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 45.1349, 0.3267, 0.3177 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 45.1349, 0.3267, 0.3177**

## Background



This preview shows how black text looks on a background with the Yxy color 45.1349, 0.3267, 0.3177.



This preview shows how white text looks on a background with the Yxy color 45.1349, 0.3267, 0.3177.

# 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

45.1349, 0.3267, 0.3177

### Protanopia

45.1673, 0.3097, 0.3199

### Deuteranopia

45.2516, 0.3248, 0.3189



## Tritanopia

45.0560, 0.3243, 0.3115

# Trichromacy



## Original Color

45.1349, 0.3267, 0.3177

## Protanomaly

45.0762, 0.3158, 0.3187

## Deuteranomaly

45.3853, 0.3257, 0.3189

## Tritanomaly

45.0136, 0.3251, 0.3127

# Monochromacy



## Original Color

45.1349, 0.3267, 0.3177

## Achromatopsia

46.2077, 0.3127, 0.3290

## Achromatomaly

45.7418, 0.3181, 0.3251

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 45.1349, 0.3267, 0.3177 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(197, 173, 182)` looks like.

```
.text, #text, p{  
    color:rgb(197, 173, 182)  
}
```

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(197, 173, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 173, 182) }
```

## Border

The CSS property to change the border of an element to Yxy 45.1349, 0.3267, 0.3177 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(197, 173, 182) }
```

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

```
.border{ border-color:rgb(197, 173, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 173, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 173, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 173, 182);  
box-shadow:4px 4px 4px 4px rgb(197, 173,  
182) }
```



# Background

The CSS property to change the background color of an element to Yxy 45.1349, 0.3267, 0.3177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 173, 182) }
```

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

```
.background{ background-color: rgb(197,  
173, 182) }
```

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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