

Converting Colors

$Y_{xy}(45.5613, 0.3327, 0.3180)$

Have a look what the booklet for
Yxy(45.5613, 0.3327, 0.3180)
contains.

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Color

Yxy(45.5378, 0.3331, 0.3179)

Conversions

Conversions Part 1

Format	Color
Hex	CBACB5
RGB	203, 172, 181
RGB Percent	80%, 67%, 71%
CMY	0.2040, 0.3254, 0.2902
CMYK	0.00, 0.15, 0.11, 0.20
HSL	343°, 23%, 74%
HSV	343°, 15%, 80%
XYZ	47.7151, 45.5378, 49.9927
YIQ	182.2950, 15.5870, 9.3710

Conversions

Conversions Part 2

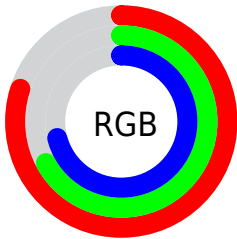
Format	Color
RYB	203, 172, 181
Decimal	13348021
CIELab	73.24, 12.71, -0.42
CIElCh	73, 12.715, 358.095
Yxy	45.5378, 0.3331, 0.3179
Android (android.graphics.Color)	4291538101 (0xFFCBACB5)
YUV	182.2950, -0.6384, 18.1583
Hunter-Lab	67.4817, 8.1213, 3.3131

Details

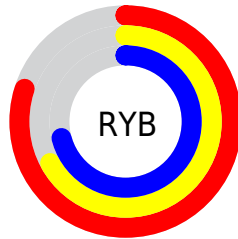
The Yxy color **45.5378, 0.3331, 0.3179** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.3631, 0.2957, 0.3404**, and the grayscale version is **46.9451, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.3126, 0.3257, 0.3192**, and **21.3810, 0.3397, 0.3157** is the 20% darker color. If you saturate the color by 10%, you get **37.8330, 0.3504, 0.3101**, and if you desaturate by 10%, it is **54.4877, 0.3190, 0.3253**.

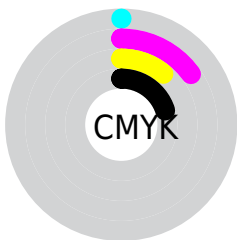
Distribution



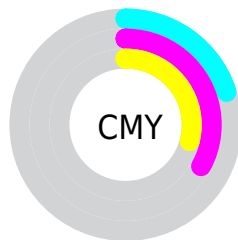
- Red (80%)
- Green (67%)
- Blue (71%)



- Red (80%)
- Yellow (67%)
- Blue (71%)



- Cyan (0%)
- Magenta (15%)
- Yellow (11%)
- Black (20%)




- Cyan (20%)
- Magenta (33%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.5378, 0.3331, 0.3179 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 45.5378, 0.3331, 0.3179 by changing the saturation by 10% instead.


 45.5378, 0.3331,
0.3179

 45.5378, 0.3331,
0.3179


368.9473, 0.3229,
0.3235

 31.8812, 0.3357,
0.3165


 83.5269, 0.3294,
0.3199

 21.2708, 0.3390,
0.3147

108.6281, 0.3280,
0.3207

 13.3221, 0.3434,
0.3123


138.3131, 0.3268,
0.3213

 7.6507, 0.3496,
0.3089

172.9662, 0.3258,
0.3219

 3.8723, 0.3590,
0.3039

212.9718, 0.3249,
0.3224

 1.6024, 0.3746,
0.2955

258.7142, 0.3241,

 0.3592, 0.4552,

0.3228

0.2509

310.5779, 0.3235,
0.3231

0.0000, 0.0000,
0.0000

45.5378, 0.3331,
0.3179

45.5378, 0.3331,
0.3179

37.8330, 0.3504,
0.3101

54.4877, 0.3190,
0.3253

31.3121, 0.3714,
0.3023

64.7284, 0.3076,
0.3322

25.9176, 0.3968,
0.2947

76.3106, 0.2982,
0.3386

21.5850, 0.4266,
0.2883

89.2806, 0.2906,
0.3444

18.2432, 0.4606,
0.2838

91.3049, 0.2832,
0.3310

■ 15.8122, 0.4972,
0.2826

■ 91.4319, 0.2821,
0.3289

■ 14.1994, 0.5339,
0.2857

■ 13.2920, 0.5670,
0.2933

■ 13.0071, 0.5812,
0.2975

Harmonies

Analogous

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



45.5378, 0.3158, 0.3058



45.5378, 0.3331, 0.3179



45.5378, 0.3450, 0.3330

Triad

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



45.5378, 0.3331, 0.3179



45.5378, 0.3268, 0.3604



45.5378, 0.2786, 0.3090

Complementary

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



45.5378, 0.3331, 0.3179



55.3631, 0.2957, 0.3404

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.



45.5378, 0.2814, 0.3236



45.5378, 0.3331, 0.3179



45.5378, 0.3089, 0.3540

Square

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



45.5378, 0.3331, 0.3179



45.5378, 0.3413, 0.3579



45.5378, 0.2924, 0.3402



45.5378, 0.2846, 0.3004

Rectangle

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



45.5378, 0.3331, 0.3179



45.5378, 0.3482, 0.3431



45.5378, 0.2924, 0.3402



45.5378, 0.2785, 0.3134

Sweetspot

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



45.5398, 0.3331, 0.3179



91.5641, 0.3188, 0.3254



45.2491, 0.3065, 0.2907



19.3543, 0.3197, 0.3249



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.



45.5398, 0.3331, 0.3179



72.2070, 0.3379, 0.3156



47.5944, 0.3399, 0.3368



11.2664, 0.3245, 0.3223



8.2945, 0.5777, 0.2956



0.4412, 0.5207, 0.2642

Inverse Universe

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



45.5398, 0.3331, 0.3179



72.2070, 0.3379, 0.3156



52.9142, 0.2895, 0.3211



11.2664, 0.3245, 0.3223



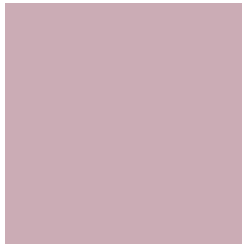
8.2945, 0.5777, 0.2956



0.4412, 0.5207, 0.2642

Previews

White Background



This preview shows how the Yxy color 45.5378, 0.3331, 0.3179 looks on a white background.

Color Contrast Check

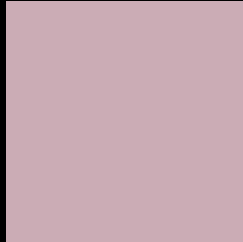
Large Text (above 18pt) WCAG AA × Fail

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 45.5378, 0.3331, 0.3179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

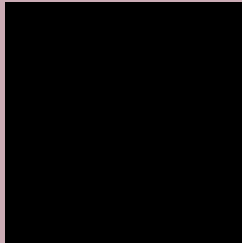
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.5378, 0.3331, 0.3179

Background



This preview shows how black text looks on a background with the Yxy color 45.5378, 0.3331, 0.3179.



This preview shows how white text looks on a background with the Yxy color 45.5378, 0.3331, 0.3179.

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

45.5378, 0.3331, 0.3179

Protanopia

45.6881, 0.3105, 0.3212

Deuteranopia

45.4786, 0.3274, 0.3202



Tritanopia

45.3251, 0.3298, 0.3117

Trichromacy



Original Color

45.5378, 0.3331, 0.3179

Protanomaly

45.4585, 0.3185, 0.3188

Deuteranomaly

45.3655, 0.3294, 0.3190

Tritanomaly

45.2830, 0.3307, 0.3130

Monochromacy



Original Color

45.5378, 0.3331, 0.3179

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.1653, 0.3199, 0.3239

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.5378, 0.3331, 0.3179 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(203, 172, 181)` looks like.

```
.text, #text, p{  
    color:rgb(203, 172, 181)  
}
```

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(203, 172, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 172, 181) }
```

Border

The CSS property to change the border of an element to Yxy 45.5378, 0.3331, 0.3179 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(203, 172, 181) }
```

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

```
.border{ border-color:rgb(203, 172, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 172, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 172, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 172, 181);  
box-shadow:4px 4px 4px 4px rgb(203, 172,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 45.5378, 0.3331, 0.3179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 172, 181) }
```

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

```
.background{ background-color: rgb(203,  
172, 181) }
```

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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