

Converting Colors

$Y_{xy}(45.5439, 0.3294, 0.3178)$

Have a look what the booklet for
Yxy(45.5439, 0.3294, 0.3178)
contains.

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Color

Yxy(45.5439, 0.3294, 0.3178)

Conversions

Conversions Part 1

Format	Color
Hex	C8ADB6
RGB	200, 173, 182
RGB Percent	78%, 68%, 71%
CMY	0.2157, 0.3215, 0.2863
CMYK	0.00, 0.13, 0.09, 0.22
HSL	340°, 20%, 73%
HSV	340°, 13%, 78%
XYZ	47.2063, 45.5439, 50.5597
YIQ	182.0990, 13.2030, 8.5230

Conversions

Conversions Part 2

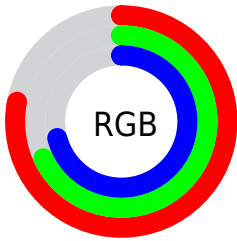
Format	Color
R _{YB}	200, 173, 182
Decimal	13151670
CIE Lab	73.25, 11.27, -1.00
CIE LCh	73, 11.317, 354.946
Yxy	45.5439, 0.3294, 0.3178
Android (android.graphics.Color)	4291341750 (0xFFC8ADB6)
YUV	182.0990, -0.0488, 15.6992
Hunter-Lab	67.4862, 6.7590, 2.8211

Details

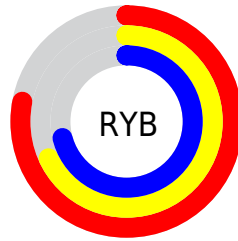
The Yxy color **45.5439, 0.3294, 0.3178** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.9547, 0.2985, 0.3405**, and the grayscale version is **46.8318, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.9199, 0.3250, 0.3192**, and **21.3707, 0.3345, 0.3156** is the 20% darker color. If you saturate the color by 10%, you get **37.9156, 0.3450, 0.3090**, and if you desaturate by 10%, it is **54.3768, 0.3166, 0.3262**.

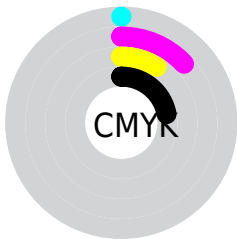
Distribution



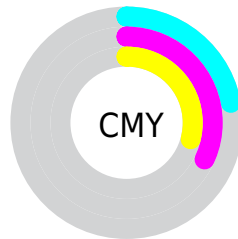
- Red (78%)
- Green (68%)
- Blue (71%)



- Red (78%)
- Yellow (68%)
- Blue (71%)



- Cyan (0%)
- Magenta (13%)
- Yellow (9%)
- Black (22%)





- Cyan (22%)
- Magenta (32%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.5439, 0.3294, 0.3178 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 45.5439, 0.3294, 0.3178 by changing the saturation by 10% instead.


 45.5439, 0.3294,
0.3178

 45.5439, 0.3294,
0.3178


368.9719, 0.3210,
0.3234

 31.8861, 0.3315,
0.3164


 83.5360, 0.3264,
0.3198

 21.2745, 0.3342,
0.3146


108.6390, 0.3252,
0.3206

 13.3248, 0.3378,
0.3122


138.3259, 0.3243,
0.3212

 7.6526, 0.3429,
0.3089

172.9810, 0.3234,
0.3218

 3.8735, 0.3505,
0.3039

212.9888, 0.3227,
0.3223

 1.6030, 0.3632,
0.2955

258.7336, 0.3221,

 0.3596, 0.4291,

0.3227

0.2501

310.5999, 0.3215,
0.3231

0.0000, 0.0000,
0.0000

45.5439, 0.3294,
0.3178

45.5439, 0.3294,
0.3178

37.9156, 0.3450,
0.3090

54.3768, 0.3166,
0.3262

31.4336, 0.3640,
0.2999

64.4574, 0.3062,
0.3340

26.0438, 0.3869,
0.2912

75.8340, 0.2976,
0.3412

21.6851, 0.4139,
0.2834

88.5506, 0.2906,
0.3478

18.2906, 0.4448,
0.2775

90.6182, 0.2837,
0.3356

■ 15.7853, 0.4786,
0.2748

■ 91.0193, 0.2805,
0.3289

■ 14.0830, 0.5133,
0.2764

■ 13.0799, 0.5460,
0.2829

■ 12.6805, 0.5654,
0.2889

Harmonies

Analogous

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



45.5439, 0.3138, 0.3074



45.5439, 0.3294, 0.3178



45.5439, 0.3407, 0.3312

Triad

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



45.5439, 0.3294, 0.3178



45.5439, 0.3269, 0.3570



45.5439, 0.2822, 0.3124

Complementary

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



45.5439, 0.3294, 0.3178



53.9547, 0.2985, 0.3405

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.



45.5439, 0.2855, 0.3258



45.5439, 0.3294, 0.3178



45.5439, 0.3111, 0.3521

Square

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



45.5439, 0.3294, 0.3178



45.5439, 0.3391, 0.3540



45.5439, 0.2960, 0.3405



45.5439, 0.2867, 0.3040

Rectangle

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



45.5439, 0.3294, 0.3178



45.5439, 0.3440, 0.3403



45.5439, 0.2960, 0.3405



45.5439, 0.2824, 0.3165

Sweetspot

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



45.5459, 0.3294, 0.3178



93.2336, 0.3173, 0.3257



45.1358, 0.3065, 0.2952



19.6920, 0.3182, 0.3251



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.



45.5459, 0.3294, 0.3178



75.0447, 0.3334, 0.3154



46.9404, 0.3365, 0.3347



10.6943, 0.3238, 0.3213



8.0778, 0.5617, 0.2868



0.3960, 0.5023, 0.2541

Inverse Universe

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



45.5459, 0.3294, 0.3178



75.0447, 0.3334, 0.3154



52.3097, 0.2922, 0.3232



10.6943, 0.3238, 0.3213



8.0778, 0.5617, 0.2868



0.3960, 0.5023, 0.2541

Previews

White Background



This preview shows how the Yxy color 45.5439, 0.3294, 0.3178 looks on a white background.

Color Contrast Check

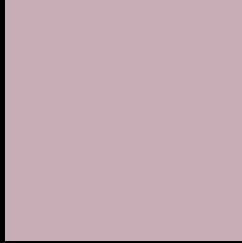
Large Text (above 18pt) WCAG AA × Fail

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 45.5439, 0.3294, 0.3178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

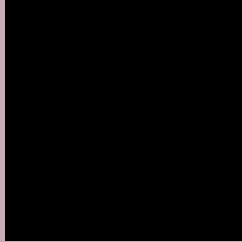
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.5439, 0.3294, 0.3178

Background



This preview shows how black text looks on a background with the Yxy color 45.5439, 0.3294, 0.3178.



This preview shows how white text looks on a background with the Yxy color 45.5439, 0.3294, 0.3178.

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

45.5439, 0.3294, 0.3178

Protanopia

45.7305, 0.3097, 0.3199

Deuteranopia

45.3853, 0.3257, 0.3189



Tritanopia

45.4677, 0.3270, 0.3117

Trichromacy



Original Color

45.5439, 0.3294, 0.3178

Protanomaly

45.7659, 0.3167, 0.3188

Deuteranomaly

45.5198, 0.3266, 0.3190

Tritanomaly

45.4253, 0.3278, 0.3129

Monochromacy



Original Color

45.5439, 0.3294, 0.3178

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.4364, 0.3190, 0.3252

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.5439, 0.3294, 0.3178 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(200, 173, 182)` looks like.

```
.text, #text, p{  
    color:rgb(200, 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(200, 173, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 173, 182) }
```

Border

The CSS property to change the border of an element to Yxy 45.5439, 0.3294, 0.3178 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(200, 173, 182) }
```

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

```
.border{ border-color:rgb(200, 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(200, 173, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 173, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 173, 182);  
box-shadow:4px 4px 4px 4px rgb(200, 173,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 45.5439, 0.3294, 0.3178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 173, 182) }
```

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

```
.background{ background-color: rgb(200,  
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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