

Converting Colors

$Yxy(46.1343, 0.3249, 0.3146)$

Have a look what the booklet for
Yxy(46.1343, 0.3249, 0.3146)
contains.

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Color

Yxy(45.9594, 0.3250, 0.3141)

Conversions

Conversions Part 1

Format	Color
Hex	C7AEBA
RGB	199, 174, 186
RGB Percent	78%, 68%, 73%
CMY	0.2195, 0.3176, 0.2707
CMYK	0.00, 0.13, 0.07, 0.22
HSL	331°, 18%, 73%
HSV	331°, 13%, 78%
XYZ	47.5543, 45.9594, 52.8072
YIQ	182.8430, 11.0480, 9.0320

Conversions

Conversions Part 2

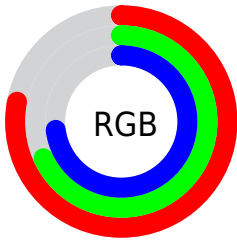
Format	Color
R _Y B	199, 174, 186
Decimal	13086394
CIE Lab	73.52, 11.08, -2.79
CIE LCh	74, 11.424, 345.853
Yxy	45.9594, 0.3250, 0.3141
Android (android.graphics.Color)	4291276474 (0xFFC7AEBA)
YUV	182.8430, 1.5564, 14.1697
Hunter-Lab	67.7934, 6.5721, 1.2718

Details

The Yxy color **45.9594, 0.3250, 0.3141** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.4448, 0.3019, 0.3444**, and the grayscale version is **47.2518, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.2644, 0.3222, 0.3173**, and **21.6323, 0.3283, 0.3105** is the 20% darker color. If you saturate the color by 10%, you get **38.4076, 0.3371, 0.3016**, and if you desaturate by 10%, it is **54.6866, 0.3150, 0.3260**.

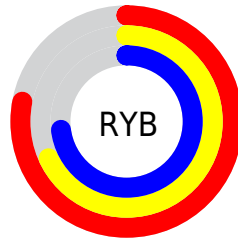
Distribution



Red (78%)

Green (68%)

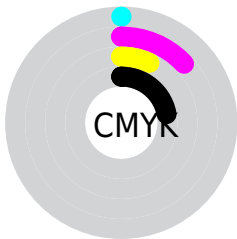
Blue (73%)



Red (78%)

Yellow (68%)

Blue (73%)

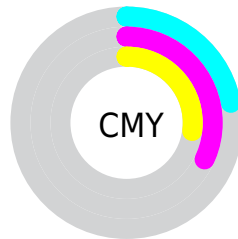


Cyan (0%)

Magenta (13%)

Yellow (7%)

Black (22%)



Cyan (22%)


Magenta (32%)

Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.9594, 0.3250, 0.3141 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 45.9594, 0.3250, 0.3141 by changing the saturation by 10% instead.


 45.9594, 0.3250,
0.3141

 45.9594, 0.3250,
0.3141

370.6454, 0.3189,
0.3215

 32.2138, 0.3265,
0.3123

 84.1582, 0.3228,
0.3168

 21.5248, 0.3285,
0.3099


109.3802, 0.3219,
0.3178

 13.5082, 0.3311,
0.3068


139.1965, 0.3212,
0.3186

 7.7794, 0.3347,
0.3025

173.9914, 0.3206,
0.3194

 3.9541, 0.3401,
0.2962

214.1494, 0.3201,
0.3200

 1.6479, 0.3489,
0.2858

260.0547, 0.3197,

 0.3896, 0.3884,

0.3206

0.2362

312.0920, 0.3192,
0.3211

0.0000, 0.0000,
0.0000

45.9594, 0.3250,
0.3141

45.9594, 0.3250,
0.3141

38.4076, 0.3371,
0.3016

54.6866, 0.3150,
0.3260

31.9745, 0.3515,
0.2888

64.6307, 0.3067,
0.3372

26.6079, 0.3687,
0.2762

75.8385, 0.2999,
0.3476

22.2488, 0.3886,
0.2646

88.3525, 0.2943,
0.3571

18.8326, 0.4112,
0.2551

89.8289, 0.2888,
0.3472

■ 16.2870, 0.4359,
0.2489

■ 90.4559, 0.2834,
0.3360

■ 14.5292, 0.4619,
0.2472

■ 90.8850, 0.2800,
0.3289

■ 13.4597, 0.4876,
0.2507

■ 12.9765, 0.5060,
0.2561

Harmonies

Analogous

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



45.9594, 0.3088, 0.3050



45.9594, 0.3250, 0.3141



45.9594, 0.3381, 0.3270

Triad

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



45.9594, 0.3250, 0.3141



45.9594, 0.3313, 0.3571



45.9594, 0.2821, 0.3160

Complementary

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



45.9594, 0.3250, 0.3141



53.4448, 0.3019, 0.3444

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.



45.9594, 0.2879, 0.3303



45.9594, 0.3250, 0.3141



45.9594, 0.3160, 0.3546

Square

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



45.9594, 0.3250, 0.3141



45.9594, 0.3417, 0.3519



45.9594, 0.3001, 0.3446



45.9594, 0.2844, 0.3058

Rectangle

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



45.9594, 0.3250, 0.3141



45.9594, 0.3432, 0.3363



45.9594, 0.3001, 0.3446



45.9594, 0.2832, 0.3205

Sweetspot

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



45.9614, 0.3250, 0.3141



93.3262, 0.3164, 0.3243



44.9523, 0.3038, 0.2973



19.7154, 0.3171, 0.3234



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.



45.9614, 0.3250, 0.3141



76.7588, 0.3280, 0.3108



45.6345, 0.3352, 0.3296



10.7201, 0.3216, 0.3180



8.3597, 0.5029, 0.2544



0.4105, 0.4551, 0.2281

Inverse Universe

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



45.9614, 0.3250, 0.3141



76.7588, 0.3280, 0.3108



53.7880, 0.2937, 0.3284



10.7201, 0.3216, 0.3180



8.3597, 0.5029, 0.2544



0.4105, 0.4551, 0.2281

Previews

White Background



This preview shows how the Yxy color 45.9594, 0.3250, 0.3141 looks on a white background.

Color Contrast Check

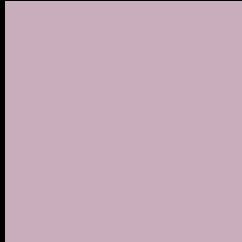
Large Text (above 18pt) WCAG AA × Fail

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 45.9594, 0.3250, 0.3141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

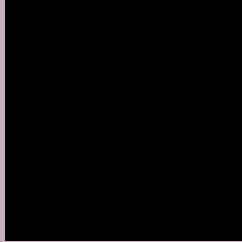
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.9594, 0.3250, 0.3141

Background



This preview shows how black text looks on a background with the Yxy color 45.9594, 0.3250, 0.3141.



This preview shows how white text looks on a background with the Yxy color 45.9594, 0.3250, 0.3141.

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

45.9594, 0.3250, 0.3141

Protanopia

46.1404, 0.3065, 0.3173

Deuteranopia

45.9409, 0.3222, 0.3152



Tritanopia

46.0021, 0.3241, 0.3128

Trichromacy



Original Color

45.9594, 0.3250, 0.3141

Protanomaly

46.1630, 0.3133, 0.3162

Deuteranomaly

46.0754, 0.3231, 0.3153

Tritanomaly

46.0021, 0.3241, 0.3128

Monochromacy



Original Color

45.9594, 0.3250, 0.3141

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

46.9220, 0.3173, 0.3239

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.9594, 0.3250, 0.3141 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, 174, 186)` looks like.

```
.text, #text, p{  
    color:rgb(199, 174, 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, 174, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 174, 186) }
```

Border

The CSS property to change the border of an element to Yxy 45.9594, 0.3250, 0.3141 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, 174, 186) }
```

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

```
.border{ border-color:rgb(199, 174, 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, 174, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 174, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 174, 186);  
box-shadow:4px 4px 4px 4px rgb(199, 174,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 45.9594, 0.3250, 0.3141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 174, 186) }
```

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

```
.background{ background-color: rgb(199,  
174, 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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