

Converting Colors

$Y_{xy}(43.8515, 0.3304, 0.3080)$

Have a look what the booklet for
Yxy(43.8515, 0.3304, 0.3080)
contains.

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Color

Yxy(43.6547, 0.3303, 0.3079)

Conversions

Conversions Part 1

Format	Color
Hex	CAA7B8
RGB	202, 167, 184
RGB Percent	79%, 65%, 72%
CMY	0.2078, 0.3451, 0.2785
CMYK	0.00, 0.17, 0.09, 0.21
HSL	331°, 25%, 72%
HSV	331°, 17%, 79%
XYZ	46.8306, 43.6547, 51.2968
YIQ	179.4030, 15.4030, 12.7070

Conversions

Conversions Part 2

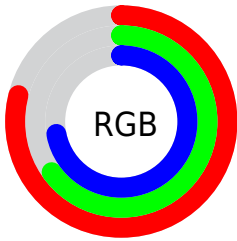
Format	Color
R_{YB}	202, 167, 184
Decimal	13281208
CIE Lab	72.00, 15.61, -3.90
CIE LCh	72, 16.095, 345.963
Yxy	43.6547, 0.3303, 0.3079
Android (android.graphics.Color)	4291471288 (0xFFCAA7B8)
YUV	179.4030, 2.2663, 19.8176
Hunter-Lab	66.0717, 10.8926, 0.2186

Details

The Yxy color **43.6547, 0.3303, 0.3079** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.9713, 0.2981, 0.3511**, and the grayscale version is **45.2886, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.7938, 0.3241, 0.3113**, and **20.1961, 0.3358, 0.3022** is the 20% darker color. If you saturate the color by 10%, you get **36.4035, 0.3433, 0.2950**, and if you desaturate by 10%, it is **52.0981, 0.3195, 0.3203**.

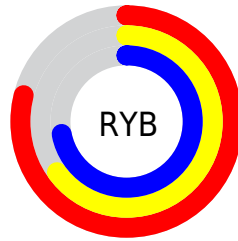
Distribution



Red (79%)

Green (65%)

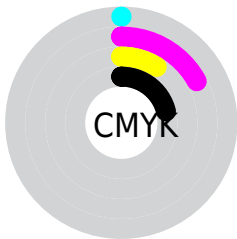
Blue (72%)



Red (79%)

Yellow (65%)

Blue (72%)

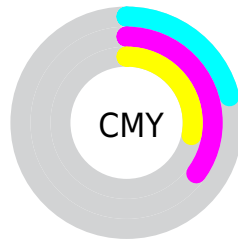


Cyan (0%)

Magenta (17%)

Yellow (9%)

Black (21%)



Cyan (21%)


Magenta (35%)

Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.6547, 0.3303, 0.3079 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 43.6547, 0.3303, 0.3079 by changing the saturation by 10% instead.


 43.6547, 0.3303,
0.3079

 43.6547, 0.3303,
0.3079

361.2973, 0.3215,
0.3184

 30.3991, 0.3325,
0.3053


 80.6979, 0.3271,
0.3117

 20.1417, 0.3353,
0.3019


 105.2543, 0.3259,
0.3131

 12.4981, 0.3391,
0.2975


134.3465, 0.3249,
0.3144

 7.0839, 0.3444,
0.2913


168.3588, 0.3240,
0.3154

 3.5146, 0.3524,
0.2821

207.6757, 0.3233,
0.3163

 1.4059, 0.3657,
0.2671

252.6814, 0.3226,

 0.2211, 0.4459,

0.3171

0.1667

303.7605, 0.3220,
0.3178

0.0000, 0.0000,
0.0000

43.6547, 0.3303,
0.3079

43.6547, 0.3303,
0.3079

36.4035, 0.3433,
0.2950

52.0981, 0.3195,
0.3203

30.2845, 0.3589,
0.2821

61.7787, 0.3105,
0.3320

25.2411, 0.3771,
0.2697

72.7460, 0.3031,
0.3430

21.2097, 0.3981,
0.2589

85.0453, 0.2970,
0.3530

18.1196, 0.4215,
0.2506

90.1362, 0.2915,
0.3491

■ 15.8912, 0.4466,
0.2463

■ 90.7587, 0.2860,
0.3379

■ 14.4313, 0.4722,
0.2469

■ 91.2997, 0.2816,
0.3289

■ 13.6113, 0.4970,
0.2528

■ 13.4412, 0.5036,
0.2548

Harmonies

Analogous

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



43.6547, 0.3070, 0.2952



43.6547, 0.3303, 0.3079



43.6547, 0.3493, 0.3260

Triad

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



43.6547, 0.3303, 0.3079



43.6547, 0.3391, 0.3695



43.6547, 0.2693, 0.3100

Complementary

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



43.6547, 0.3303, 0.3079



53.9713, 0.2981, 0.3511

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.



43.6547, 0.2772, 0.3305



43.6547, 0.3303, 0.3079



43.6547, 0.3171, 0.3661

Square

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



43.6547, 0.3303, 0.3079



43.6547, 0.3543, 0.3615



43.6547, 0.2945, 0.3515



43.6547, 0.2724, 0.2957

Rectangle

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



43.6547, 0.3303, 0.3079



43.6547, 0.3566, 0.3390



43.6547, 0.2945, 0.3515



43.6547, 0.2707, 0.3163

Sweetspot

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



43.6566, 0.3303, 0.3079



91.7175, 0.3173, 0.3231



42.1557, 0.2994, 0.2844



19.3915, 0.3179, 0.3222



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.



43.6566, 0.3303, 0.3079



68.8128, 0.3352, 0.3029



42.9865, 0.3457, 0.3291



11.3028, 0.3215, 0.3178



8.6650, 0.5005, 0.2531



0.4623, 0.4563, 0.2287

Inverse Universe

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



43.6566, 0.3303, 0.3079



68.8128, 0.3352, 0.3029



54.7323, 0.2868, 0.3289



11.3028, 0.3215, 0.3178



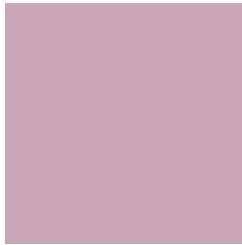
8.6650, 0.5005, 0.2531



0.4623, 0.4563, 0.2287

Previews

White Background



This preview shows how the Yxy color 43.6547, 0.3303, 0.3079 looks on a white background.

Color Contrast Check

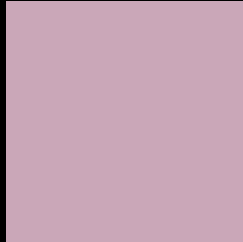
Large Text (above 18pt) WCAG AA × Fail

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 43.6547, 0.3303, 0.3079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

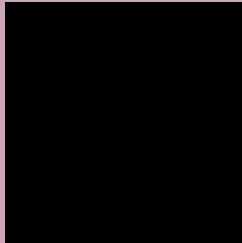
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.6547, 0.3303, 0.3079

Background



This preview shows how black text looks on a background with the Yxy color 43.6547, 0.3303, 0.3079.



This preview shows how white text looks on a background with the Yxy color 43.6547, 0.3303, 0.3079.

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

43.6547, 0.3303, 0.3079

Protanopia

43.9549, 0.3023, 0.3118

Deuteranopia

43.6211, 0.3206, 0.3136



Tritanopia

43.8980, 0.3328, 0.3128

Trichromacy



Original Color

43.6547, 0.3303, 0.3079

Protanomaly

43.7893, 0.3118, 0.3109

Deuteranomaly

43.7705, 0.3244, 0.3125

Tritanomaly

43.9392, 0.3319, 0.3116

Monochromacy



Original Color

43.6547, 0.3303, 0.3079

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.5609, 0.3184, 0.3212

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6547, 0.3303, 0.3079 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(202, 167, 184)` looks like.

```
.text, #text, p{  
    color:rgb(202, 167, 184)  
}
```

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(202, 167, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 167, 184) }
```

Border

The CSS property to change the border of an element to Yxy 43.6547, 0.3303, 0.3079 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(202, 167, 184) }
```

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

```
.border{ border-color:rgb(202, 167, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 167, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 167, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 167, 184);  
box-shadow:4px 4px 4px 4px rgb(202, 167,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6547, 0.3303, 0.3079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 167, 184) }
```

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

```
.background{ background-color: rgb(202,  
167, 184) }
```

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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