

Converting Colors

$Y_{xy}(43.8829, 0.3151, 0.2906)$

Have a look what the booklet for
Yxy(43.8829, 0.3151, 0.2906)
contains.

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Color

Yxy(43.8568, 0.3154, 0.2908)

Conversions

Conversions Part 1

Format	Color
Hex	C7A7C6
RGB	199, 167, 198
RGB Percent	78%, 65%, 78%
CMY	0.2196, 0.3451, 0.2235
CMYK	0.00, 0.16, 0.00, 0.22
HSL	302°, 22%, 72%
HSV	302°, 16%, 78%
XYZ	47.5668, 43.8568, 59.3907
YIQ	180.1020, 9.1210, 16.4250

Conversions

Conversions Part 2

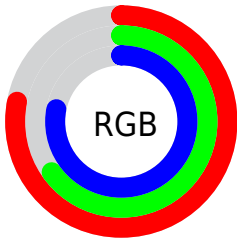
Format	Color
R _Y B	199, 167, 198
Decimal	13084614
CIE Lab	72.13, 17.09, -11.46
CIE LCh	72, 20.575, 326.156
Yxy	43.8568, 0.3154, 0.2908
Android (android.graphics.Color)	4291274694 (0xFFC7A7C6)
YUV	180.1020, 8.8237, 16.5735
Hunter-Lab	66.2245, 12.3178, -6.8147

Details

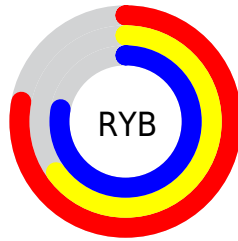
The Yxy color **43.8568, 0.3154, 0.2908** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **51.8922, 0.3100, 0.3704**, and the grayscale version is **45.6490, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.7226, 0.3142, 0.2970**, and **20.2948, 0.3162, 0.2810** is the 20% darker color. If you saturate the color by 10%, you get **37.0911, 0.3172, 0.2666**, and if you desaturate by 10%, it is **51.7484, 0.3137, 0.3148**.

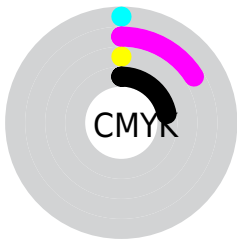
Distribution



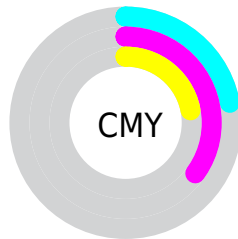
- Red (78%)
- Green (65%)
- Blue (78%)



- Red (78%)
- Yellow (65%)
- Blue (78%)



- Cyan (0%)
- Magenta (16%)
- Yellow (0%)
- Black (22%)




- Cyan (22%)
- Magenta (35%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.8568, 0.3154, 0.2908 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 43.8568, 0.3154, 0.2908 by changing the saturation by 10% instead.

 43.8568, 0.3154,
0.2908


 43.8568, 0.3154,
0.2908


362.1236, 0.3143,
0.3095

 30.5579, 0.3156,
0.2862


 81.0022, 0.3150,
0.2975

 20.2625, 0.3158,
0.2804


 105.6176, 0.3149,
0.3001

 12.5860, 0.3161,
0.2728


134.7739, 0.3148,
0.3022

 7.1441, 0.3163,
0.2625

168.8555, 0.3146,
0.3041

 3.5524, 0.3164,
0.2474

208.2470, 0.3145,
0.3057

 1.4265, 0.3159,
0.2238

253.3325, 0.3145,

 0.2361, 0.3309,

0.3072

0.1218

304.4966, 0.3144,
0.3084

0.0000, 0.0000,
0.0000

43.8568, 0.3154,
0.2908

43.8568, 0.3154,
0.2908

37.0911, 0.3172,
0.2666

51.7484, 0.3137,
0.3148

31.3944, 0.3191,
0.2430

60.8081, 0.3121,
0.3380

26.7136, 0.3210,
0.2208

71.0828, 0.3107,
0.3599

22.9887, 0.3228,
0.2011

82.6153, 0.3094,
0.3805

20.1533, 0.3245,
0.1846

87.8848, 0.3087,
0.3883

■ 18.1328, 0.3260,
0.1720

■ 87.9139, 0.3083,
0.3876

■ 16.8400, 0.3274,
0.1638

■ 87.9432, 0.3080,
0.3869

■ 16.1654, 0.3285,
0.1596

■ 87.9726, 0.3076,
0.3861

■ 15.9853, 0.3289,
0.1585

■ 88.0022, 0.3073,
0.3854

Harmonies

Analogous

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



43.8568, 0.2869, 0.2812



43.8568, 0.3154, 0.2908



43.8568, 0.3444, 0.3094

Triad

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



43.8568, 0.3154, 0.2908



43.8568, 0.3605, 0.3752



43.8568, 0.2628, 0.3211

Complementary

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



43.8568, 0.3154, 0.2908



51.8922, 0.3100, 0.3704

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.



43.8568, 0.2809, 0.3492



43.8568, 0.3154, 0.2908



43.8568, 0.3371, 0.3814

Square

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



43.8568, 0.3154, 0.2908



43.8568, 0.3711, 0.3571



43.8568, 0.3079, 0.3720



43.8568, 0.2576, 0.2971

Rectangle

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



43.8568, 0.3154, 0.2908



43.8568, 0.3597, 0.3250



43.8568, 0.3079, 0.3720



43.8568, 0.2676, 0.3304

Sweetspot

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



43.8587, 0.3154, 0.2908



92.1077, 0.3135, 0.3172



40.0357, 0.2873, 0.2863



19.4866, 0.3136, 0.3155



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.



43.8587, 0.3154, 0.2908



72.7913, 0.3160, 0.2831



43.1778, 0.3289, 0.3096



10.8107, 0.3142, 0.3069



10.2808, 0.3288, 0.1585



0.4886, 0.3270, 0.1575

Inverse Universe

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



43.8587, 0.3154, 0.2908



72.7913, 0.3160, 0.2831



52.5065, 0.2991, 0.3493



10.8107, 0.3142, 0.3069



10.2808, 0.3288, 0.1585



0.4886, 0.3270, 0.1575

Previews

White Background



This preview shows how the Yxy color 43.8568, 0.3154, 0.2908 looks on a white background.

Color Contrast Check

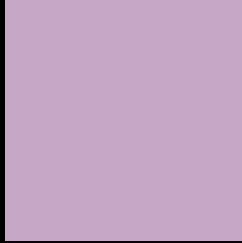
Large Text (above 18pt) WCAG AA × Fail

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 43.8568, 0.3154, 0.2908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

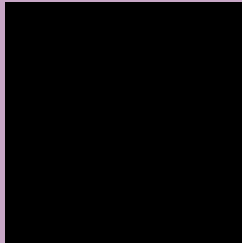
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.8568, 0.3154, 0.2908

Background



This preview shows how black text looks on a background with the Yxy color 43.8568, 0.3154, 0.2908.



This preview shows how white text looks on a background with the Yxy color 43.8568, 0.3154, 0.2908.

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

43.8568, 0.3154, 0.2908

Protanopia

44.1810, 0.2877, 0.2926

Deuteranopia

43.8506, 0.3038, 0.2971



Tritanopia

44.0387, 0.3262, 0.3126

Trichromacy



Original Color

43.8568, 0.3154, 0.2908

Protanomaly

44.0965, 0.2973, 0.2920

Deuteranomaly

43.7278, 0.3081, 0.2949

Tritanomaly

44.0125, 0.3229, 0.3053

Monochromacy



Original Color

43.8568, 0.3154, 0.2908

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

44.8126, 0.3134, 0.3136

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.8568, 0.3154, 0.2908 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, 167, 198)` looks like.

```
.text, #text, p{  
    color:rgb(199, 167, 198)  
}
```

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, 167, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 167, 198) }
```

Border

The CSS property to change the border of an element to Yxy 43.8568, 0.3154, 0.2908 is called "border". The border property can be set on classes, ids or directly on the HTML element.

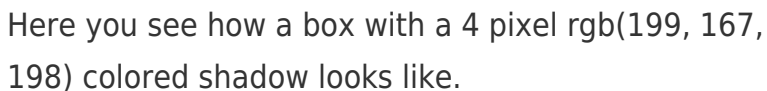
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(199, 167, 198) }
```

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

```
.border{ border-color:rgb(199, 167, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(199, 167, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 167, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 167, 198); box-shadow:4px 4px 4px 4px rgb(199, 167, 198) }
```


Background

The CSS property to change the background color of an element to Yxy 43.8568, 0.3154, 0.2908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 167, 198) }
```

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

```
.background{ background-color: rgb(199,  
167, 198) }
```

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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