

Converting Colors

$Y_{xy}(52.4985, 0.3093, 0.3102)$

Have a look what the booklet for
Yxy(52.4985, 0.3093, 0.3102)
contains.

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Color

Yxy(52.4682, 0.3095, 0.3097)

Conversions

Conversions Part 1

Format	Color
Hex	C7BCCC
RGB	199, 188, 204
RGB Percent	78%, 74%, 80%
CMY	0.2197, 0.2627, 0.1999
CMYK	0.02, 0.08, 0.00, 0.20
HSL	281°, 14%, 77%
HSV	281°, 8%, 80%
XYZ	52.4343, 52.4682, 64.5137
YIQ	193.1130, 1.4200, 7.3080

Conversions

Conversions Part 2

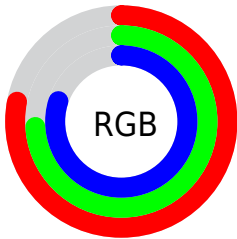
Format	Color
R _Y B	199, 188, 204
Decimal	13089996
CIE Lab	77.56, 6.80, -6.67
CIE LCh	78, 9.525, 315.543
Yxy	52.4682, 0.3095, 0.3097
Android (android.graphics.Color)	4291280076 (0xFFC7BCCC)
YUV	193.1130, 5.3673, 5.1629
Hunter-Lab	72.4349, 2.4517, -2.1018

Details

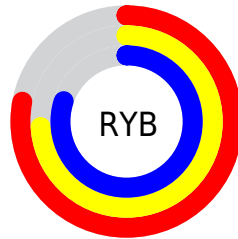
The Yxy color $52.4682, 0.3095, 0.3097$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $58.1815, 0.3157, 0.3486$, and the grayscale version is $53.3662, 0.3127, 0.3290$.

A 20% lighter version of the original color is $93.1814, 0.3132, 0.3185$, and $25.5497, 0.3084, 0.3048$ is the 20% darker color. If you saturate the color by 10%, you get $43.4975, 0.3047, 0.2838$, and if you desaturate by 10%, it is $62.7132, 0.3135, 0.3341$.

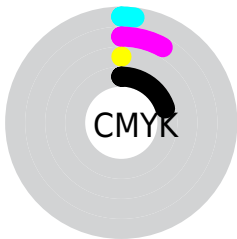
Distribution



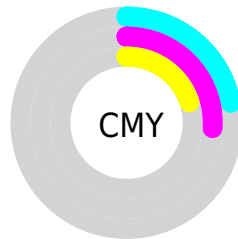
- Red (78%)
- Green (74%)
- Blue (80%)



- Red (78%)
- Yellow (74%)
- Blue (80%)



- Cyan (2%)
- Magenta (8%)
- Yellow (0%)
- Black (20%)





- Cyan (22%)
- Magenta (26%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.4682, 0.3095, 0.3097 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 52.4682, 0.3095, 0.3097 by changing the saturation by 10% instead.

 52.4682, 0.3095,
0.3097

 52.4682, 0.3095,
0.3097

396.2415, 0.3111,
0.3190

 37.3784, 0.3091,
0.3075


 93.8214, 0.3101,
0.3130

 25.5006, 0.3086,
0.3046


120.8535, 0.3103,
0.3143

 16.4504, 0.3079,
0.3009


152.6353, 0.3105,
0.3154

 9.8434, 0.3069,
0.2959

189.5510, 0.3107,
0.3163

 5.2953, 0.3054,
0.2888

231.9851, 0.3108,
0.3171

 2.4215, 0.3029,
0.2777

280.3219, 0.3109,

 0.8369, 0.2982,

0.3178

0.2580

334.9459, 0.3110,
0.3185

0.0000, 0.0000,
0.0000

52.4682, 0.3095,
0.3097

52.4682, 0.3095,
0.3097

43.4975, 0.3047,
0.2838

62.7132, 0.3135,
0.3341

35.7423, 0.2991,
0.2567

74.2745, 0.3168,
0.3566

29.1495, 0.2926,
0.2292

87.2007, 0.3195,
0.3773

23.6591, 0.2853,
0.2022

91.8478, 0.3231,
0.3823

19.2058, 0.2773,
0.1769

92.9011, 0.3273,
0.3816

■ 15.7171, 0.2689,
0.1543

■ 93.9940, 0.3315,
0.3809

■ 13.1111, 0.2603,
0.1357

■ 95.1266, 0.3357,
0.3802

■ 11.2916, 0.2519,
0.1217

■ 96.2996, 0.3400,
0.3795

■ 10.1195, 0.2437,
0.1124

■ 97.1415, 0.3430,
0.3790

Harmonies

Analogous

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



52.4682, 0.2977, 0.3073



52.4682, 0.3095, 0.3097



52.4682, 0.3224, 0.3170

Triad

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



52.4682, 0.3095, 0.3097



52.4682, 0.3359, 0.3472



52.4682, 0.2929, 0.3302

Complementary

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



52.4682, 0.3095, 0.3097



58.1815, 0.3157, 0.3486

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.



52.4682, 0.3028, 0.3415



52.4682, 0.3095, 0.3097



52.4682, 0.3277, 0.3514

Square

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



52.4682, 0.3095, 0.3097



52.4682, 0.3378, 0.3384



52.4682, 0.3155, 0.3493



52.4682, 0.2882, 0.3188

Rectangle

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



52.4682, 0.3095, 0.3097



52.4682, 0.3299, 0.3237



52.4682, 0.3155, 0.3493



52.4682, 0.2957, 0.3342

Sweetspot

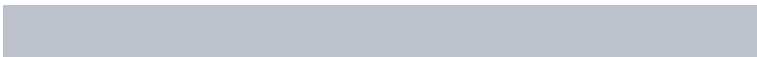
The Sweet Spot groups the original color and five complimentary colors.



52.4704, 0.3095, 0.3097



96.4850, 0.3119, 0.3241



53.2311, 0.3007, 0.3155



20.6886, 0.3120, 0.3244



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.



52.4704, 0.3095, 0.3097



84.8730, 0.3089, 0.3065



53.0344, 0.3159, 0.3134



11.2193, 0.3088, 0.3058



6.2828, 0.2431, 0.1113



0.3635, 0.2587, 0.1199

Inverse Universe

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



52.6660, 0.3221, 0.3229



85.2508, 0.3238, 0.3219



57.6555, 0.3097, 0.3451



11.2711, 0.3241, 0.3217



8.3309, 0.5686, 0.2906



0.4436, 0.5123, 0.2596

Previews

White Background



This preview shows how the Yxy color 52.4682, 0.3095, 0.3097 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 52.4682, 0.3095, 0.3097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

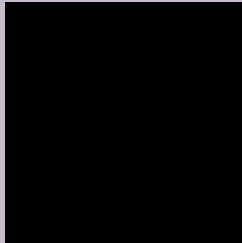
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.4682, 0.3095, 0.3097

Background



This preview shows how black text looks on a background with the Yxy color 52.4682, 0.3095, 0.3097.

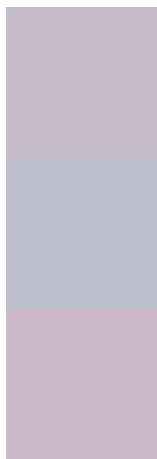


This preview shows how white text looks on a background with the Yxy color 52.4682, 0.3095, 0.3097.

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

52.4682, 0.3095, 0.3097

Protanopia

52.3595, 0.3016, 0.3094

Deuteranopia

52.3148, 0.3137, 0.3076



Tritanopia

52.4204, 0.3103, 0.3109

Trichromacy



Original Color

52.4682, 0.3095, 0.3097

Protanomaly

52.2723, 0.3048, 0.3095

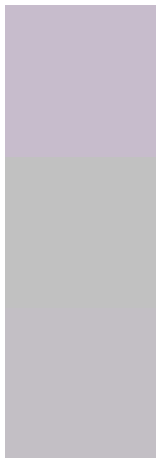
Deuteranomaly

52.4568, 0.3120, 0.3087

Tritanomaly

52.4204, 0.3103, 0.3109

Monochromacy



Original Color

52.4682, 0.3095, 0.3097

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.8949, 0.3114, 0.3217

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.4682, 0.3095, 0.3097 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, 188, 204)` looks like.

```
.text, #text, p{  
    color:rgb(199, 188, 204)  
}
```

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, 188, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 188, 204) }
```

Border

The CSS property to change the border of an element to Yxy 52.4682, 0.3095, 0.3097 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, 188, 204) }
```

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

```
.border{ border-color:rgb(199, 188, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 188, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 188, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 188, 204);  
box-shadow:4px 4px 4px 4px rgb(199, 188,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 52.4682, 0.3095, 0.3097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 188, 204) }
```

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

```
.background{ background-color: rgb(199,  
188, 204) }
```

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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