

Converting Colors

$Yxy(50.5141, 0.3074, 0.3001)$

Have a look what the booklet for
Yxy(50.5141, 0.3074, 0.3001)
contains.

Yxy(50.5141, 0.3074, 0.3001)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(50.5141, 0.3074, 0.3001)

Conversions

Conversions Part 1

Format	Color
Hex	C7B7CF
RGB	199, 183, 207
RGB Percent	78%, 72%, 81%
CMY	0.2198, 0.2823, 0.1882
CMYK	0.04, 0.12, 0.00, 0.19
HSL	280°, 20%, 76%
HSV	280°, 12%, 81%
XYZ	51.7429, 50.5141, 66.0673
YIQ	190.5200, 1.8320, 10.8560

Conversions

Conversions Part 2

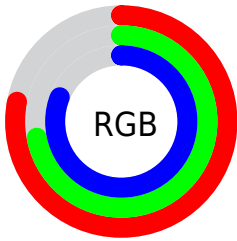
Format	Color
R_{YB}	199, 183, 207
Decimal	13088719
CIE _{Lab}	76.38, 10.06, -10.04
CIE _{LCh}	76, 14.209, 315.061
Yxy	50.5141, 0.3074, 0.3001
Android (android.graphics.Color)	4291278799 (0xFFC7B7CF)
YUV	190.5200, 8.1246, 7.4370
Hunter-Lab	71.0733, 5.5736, -5.3626

Details

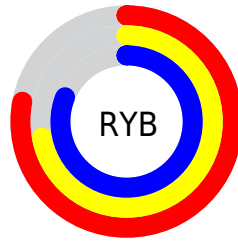
The Yxy color `50.5141, 0.3074, 0.3001` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `59.1418, 0.3175, 0.3585`, and the grayscale version is `51.7585, 0.3127, 0.3290`.

A 20% lighter version of the original color is `90.2130, 0.3134, 0.3136`, and `24.2849, 0.3055, 0.2920` is the 20% darker color. If you saturate the color by 10%, you get `41.6649, 0.3019, 0.2736`, and if you desaturate by 10%, it is `60.6672, 0.3120, 0.3252`.

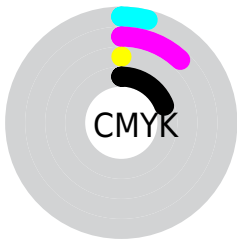
Distribution



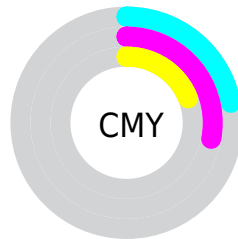
- Red (78%)
- Green (72%)
- Blue (81%)



- Red (78%)
- Yellow (72%)
- Blue (81%)



- Cyan (4%)
- Magenta (12%)
- Yellow (0%)
- Black (19%)





- Cyan (22%)
- Magenta (28%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.5141, 0.3074, 0.3001 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 50.5141, 0.3074, 0.3001 by changing the saturation by 10% instead.


 50.5141, 0.3074,
0.3001

 50.5141, 0.3074,
0.3001


388.6730, 0.3101,
0.3141

 35.8221, 0.3067,
0.2967


 90.9361, 0.3084,
0.3051

 24.2968, 0.3058,
0.2925


117.4349, 0.3088,
0.3070

 15.5539, 0.3046,
0.2870


148.6380, 0.3091,
0.3086

 9.2091, 0.3028,
0.2796

184.9299, 0.3094,
0.3100

 4.8778, 0.3002,
0.2690

226.6950, 0.3096,
0.3112

 2.1757, 0.2958,
0.2526

274.3176, 0.3098,


 0.7067, 0.2881,


0.3123


0.2214

328.1821, 0.3100,
0.3132

 0.0000, 0.0000,
0.0000


 50.5141, 0.3074,
0.3001

 50.5141, 0.3074,
0.3001

 41.6649, 0.3019,
0.2736


 60.6672, 0.3120,
0.3252


 34.0579, 0.2955,
0.2460


 72.1694, 0.3159,
0.3484

 27.6360, 0.2882,
0.2183

 85.0720, 0.3191,
0.3697

 22.3351, 0.2801,
0.1915

 92.3193, 0.3227,
0.3789

 18.0849, 0.2714,
0.1667

 93.4712, 0.3272,
0.3782

■ 14.8067, 0.2623,
0.1451

■ 94.6693, 0.3317,
0.3775

■ 12.4107, 0.2532,
0.1278

■ 95.9141, 0.3363,
0.3768

■ 10.7896, 0.2443,
0.1153

■ 97.2060, 0.3409,
0.3761

■ 9.8666, 0.2372,
0.1080

■ 97.2860, 0.3412,
0.3760

Harmonies

Analogous

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



50.5141, 0.2898, 0.2965



50.5141, 0.3074, 0.3001



50.5141, 0.3270, 0.3108

Triad

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



50.5141, 0.3074, 0.3001



50.5141, 0.3479, 0.3562



50.5141, 0.2831, 0.3309

Complementary

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



50.5141, 0.3074, 0.3001



59.1418, 0.3175, 0.3585

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.



50.5141, 0.2980, 0.3483



50.5141, 0.3074, 0.3001



50.5141, 0.3355, 0.3629

Square

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



50.5141, 0.3074, 0.3001



50.5141, 0.3508, 0.3425



50.5141, 0.3171, 0.3602



50.5141, 0.2761, 0.3136

Rectangle

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



50.5141, 0.3074, 0.3001



50.5141, 0.3384, 0.3206



50.5141, 0.3171, 0.3602



50.5141, 0.2873, 0.3370

Sweetspot

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



50.5163, 0.3074, 0.3001



94.7318, 0.3114, 0.3217



52.0194, 0.2947, 0.3096



19.9823, 0.3111, 0.3197



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.



50.5163, 0.3074, 0.3001



77.0964, 0.3061, 0.2934



51.4739, 0.3169, 0.3048



11.8020, 0.3085, 0.3057



6.2687, 0.2383, 0.1087



0.3931, 0.2538, 0.1172

Inverse Universe

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



50.9071, 0.3268, 0.3193



77.8656, 0.3303, 0.3171



58.2766, 0.3088, 0.3544



11.8728, 0.3239, 0.3212



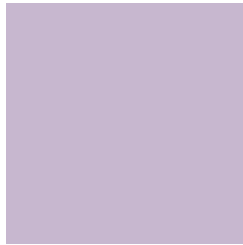
8.6484, 0.5614, 0.2866



0.4982, 0.5094, 0.2580

Previews

White Background



This preview shows how the Yxy color 50.5141, 0.3074, 0.3001 looks on a white background.

Color Contrast Check

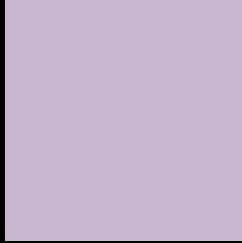
Large Text (above 18pt) WCAG AA × Fail

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 50.5141, 0.3074, 0.3001 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

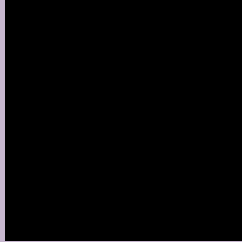
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.5141, 0.3074, 0.3001

Background



This preview shows how black text looks on a background with the Yxy color 50.5141, 0.3074, 0.3001.



This preview shows how white text looks on a background with the Yxy color 50.5141, 0.3074, 0.3001.

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

50.5141, 0.3074, 0.3001

Protanopia

50.6329, 0.2948, 0.3006

Deuteranopia

50.3777, 0.3066, 0.3000



Tritanopia

50.4103, 0.3127, 0.3107

Trichromacy



Original Color

50.5141, 0.3074, 0.3001

Protanomaly

50.7976, 0.2995, 0.3009

Deuteranomaly

50.3777, 0.3066, 0.3000

Tritanomaly

50.5510, 0.3104, 0.3071

Monochromacy



Original Color

50.5141, 0.3074, 0.3001

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.4670, 0.3108, 0.3179

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.5141, 0.3074, 0.3001 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, 183, 207)` looks like.

```
.text, #text, p{  
    color:rgb(199, 183, 207)  
}
```

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, 183, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 183, 207) }
```

Border

The CSS property to change the border of an element to Yxy 50.5141, 0.3074, 0.3001 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, 183, 207) }
```

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

```
.border{ border-color:rgb(199, 183, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 183, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 183, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 183, 207);  
box-shadow:4px 4px 4px 4px rgb(199, 183,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 50.5141, 0.3074, 0.3001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 183, 207) }
```

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

```
.background{ background-color: rgb(199,  
183, 207) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor