

Converting Colors

Yxy(51.2574, 0.3042, 0.2962)

Have a look what the booklet for
Yxy(51.2574, 0.3042, 0.2962)
contains.

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Color

Yxy(51.1766, 0.3037, 0.2956)

Conversions

Conversions Part 1

Format	Color
Hex	C7B8D4
RGB	199, 184, 212
RGB Percent	78%, 72%, 83%
CMY	0.2195, 0.2784, 0.1688
CMYK	0.06, 0.13, 0.00, 0.17
HSL	272°, 25%, 78%
HSV	272°, 13%, 83%
XYZ	52.5789, 51.1766, 69.3723
YIQ	191.6770, -0.0480, 11.8880

Conversions

Conversions Part 2

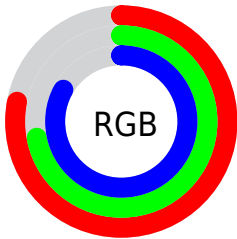
Format	Color
R _Y B	199, 184, 212
Decimal	13088980
CIE Lab	76.79, 10.51, -12.12
CIE LCh	77, 16.044, 310.933
Yxy	51.1766, 0.3037, 0.2956
Android (android.graphics.Color)	4291279060 (0xFFC7B8D4)
YUV	191.6770, 10.0192, 6.4223
Hunter-Lab	71.5378, 6.0029, -7.4188

Details

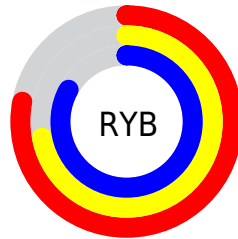
The Yxy color **51.1766, 0.3037, 0.2956** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **62.3942, 0.3208, 0.3626**, and the grayscale version is **52.4569, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8002, 0.3134, 0.3146**, and **24.6867, 0.3014, 0.2875** is the 20% darker color. If you saturate the color by 10%, you get **41.7233, 0.2955, 0.2681**, and if you desaturate by 10%, it is **62.0402, 0.3107, 0.3212**.

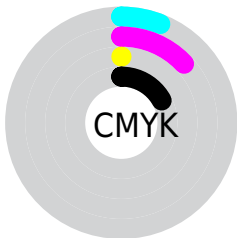
Distribution



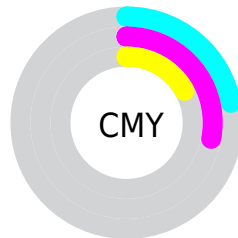
- Red (78%)
- Green (72%)
- Blue (83%)



- Red (78%)
- Yellow (72%)
- Blue (83%)



- Cyan (6%)
- Magenta (13%)
- Yellow (0%)
- Black (17%)





- Cyan (22%)
- Magenta (28%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.1766, 0.3037, 0.2956 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 51.1766, 0.3037, 0.2956 by changing the saturation by 10% instead.


 51.1766, 0.3037,
0.2956

 51.1766, 0.3037,
0.2956

391.2495, 0.3083,
0.3117

 36.3492, 0.3026,
0.2918


 91.9158, 0.3054,
0.3013

 24.7040, 0.3011,
0.2869


118.5963, 0.3060,
0.3035

 15.8567, 0.2991,
0.2807


149.9966, 0.3065,
0.3054

 9.4228, 0.2963,
0.2723

186.5012, 0.3070,
0.3070

 5.0180, 0.2922,
0.2603

228.4944, 0.3074,
0.3084

 2.2578, 0.2855,
0.2422

276.3606, 0.3077,

 0.7512, 0.2732,

0.3096

0.2100

330.4841, 0.3080,
0.3107

0.0000, 0.0000,
0.0000

51.1766, 0.3037,
0.2956

51.1766, 0.3037,
0.2956

41.7233, 0.2955,
0.2681

62.0402, 0.3107,
0.3212

33.6137, 0.2861,
0.2394

74.3640, 0.3166,
0.3448

26.7853, 0.2756,
0.2101

88.2034, 0.3216,
0.3662

21.1682, 0.2640,
0.1814

94.4941, 0.3272,
0.3726

16.6855, 0.2519,
0.1546

96.2409, 0.3336,
0.3717

■ 13.2510, 0.2394,
0.1312

■ 97.5319, 0.3382,
0.3711

■ 10.7658, 0.2273,
0.1125

■ 9.1107, 0.2160,
0.0991

■ 8.3215, 0.2089,
0.0925

Harmonies

Analogous

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



51.1766, 0.2847, 0.2928



51.1766, 0.3037, 0.2956



51.1766, 0.3258, 0.3065

Triad

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



51.1766, 0.3037, 0.2956



51.1766, 0.3535, 0.3577



51.1766, 0.2813, 0.3339

Complementary

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



51.1766, 0.3037, 0.2956



62.3942, 0.3208, 0.3626

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.



51.1766, 0.2989, 0.3531



51.1766, 0.3037, 0.2956



51.1766, 0.3407, 0.3667

Square

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



51.1766, 0.3037, 0.2956



51.1766, 0.3551, 0.3416



51.1766, 0.3206, 0.3654



51.1766, 0.2721, 0.3140

Rectangle

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



51.1766, 0.3037, 0.2956



51.1766, 0.3392, 0.3172



51.1766, 0.3206, 0.3654



51.1766, 0.2864, 0.3407

Sweetspot

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



51.1788, 0.3037, 0.2956



92.7796, 0.3102, 0.3191



54.8984, 0.2922, 0.3107



19.5767, 0.3097, 0.3173



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.



51.1788, 0.3037, 0.2956



73.2679, 0.3014, 0.2876



52.9784, 0.3150, 0.2977



12.3339, 0.3065, 0.3055



5.1992, 0.2103, 0.0932



0.3626, 0.2285, 0.1032

Inverse Universe

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



52.3020, 0.3261, 0.3138



75.3422, 0.3296, 0.3102



60.7614, 0.3105, 0.3624



12.5155, 0.3219, 0.3183



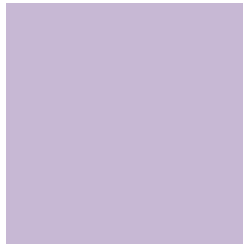
9.2064, 0.5104, 0.2585



0.5719, 0.4692, 0.2359

Previews

White Background



This preview shows how the Yxy color 51.1766, 0.3037, 0.2956 looks on a white background.

Color Contrast Check

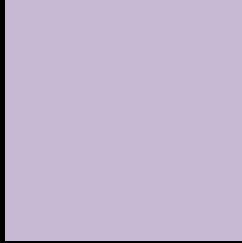
Large Text (above 18pt) WCAG AA × Fail

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 51.1766, 0.3037, 0.2956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

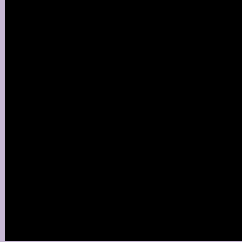
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.1766, 0.3037, 0.2956

Background



This preview shows how black text looks on a background with the Yxy color 51.1766, 0.3037, 0.2956.



This preview shows how white text looks on a background with the Yxy color 51.1766, 0.3037, 0.2956.

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

51.1766, 0.3037, 0.2956

Protanopia

51.1870, 0.2906, 0.2959

Deuteranopia

51.4572, 0.3028, 0.2967



Tritanopia

51.2052, 0.3103, 0.3107

Trichromacy



Original Color

51.1766, 0.3037, 0.2956

Protanomaly

51.3428, 0.2951, 0.2962

Deuteranomaly

51.4572, 0.3028, 0.2967

Tritanomaly

51.1115, 0.3081, 0.3048

Monochromacy



Original Color

51.1766, 0.3037, 0.2956

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.1208, 0.3100, 0.3168

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.1766, 0.3037, 0.2956 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, 184, 212)` looks like.

```
.text, #text, p{  
    color:rgb(199, 184, 212)  
}
```

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, 184, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 184, 212) }
```

Border

The CSS property to change the border of an element to Yxy 51.1766, 0.3037, 0.2956 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, 184, 212) }
```

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

```
.border{ border-color:rgb(199, 184, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 184, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 184, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 184, 212);  
box-shadow:4px 4px 4px 4px rgb(199, 184,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 51.1766, 0.3037, 0.2956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 184, 212) }
```

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

```
.background{ background-color: rgb(199,  
184, 212) }
```

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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