

Converting Colors

Yxy(51.7308, 0.3009, 0.2858)

Have a look what the booklet for
Yxy(51.7308, 0.3009, 0.2858)
contains.

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Color

Yxy(51.7308, 0.3009, 0.2858)

Conversions

Conversions Part 1

Format	Color
Hex	CBB7DC
RGB	203, 183, 220
RGB Percent	80%, 72%, 86%
CMY	0.2042, 0.2822, 0.1373
CMYK	0.08, 0.17, 0.00, 0.14
HSL	272°, 35%, 79%
HSV	272°, 17%, 86%
XYZ	54.4640, 51.7308, 74.8087
YIQ	193.1980, 0.0430, 15.7470

Conversions

Conversions Part 2

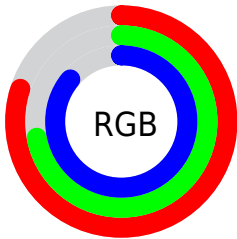
Format	Color
R_{YB}	203, 183, 220
Decimal	13350876
CIE _{Lab}	77.12, 13.92, -15.93
CIE _{LCh}	77, 21.154, 311.152
Yxy	51.7308, 0.3009, 0.2858
Android (android.graphics.Color)	4291540956 (0xFFCBB7DC)
YUV	193.1980, 13.2134, 8.5964
Hunter-Lab	71.9241, 9.3004, -11.3210

Details

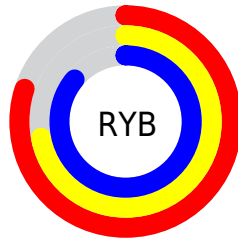
The Yxy color **51.7308, 0.3009, 0.2858** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **66.8851, 0.3229, 0.3725**, and the grayscale version is **53.3683, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.2130, 0.3134, 0.3136**, and **25.0714, 0.2978, 0.2748** is the 20% darker color. If you saturate the color by 10%, you get **41.9766, 0.2923, 0.2577**, and if you desaturate by 10%, it is **63.0009, 0.3083, 0.3122**.

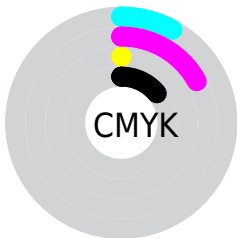
Distribution



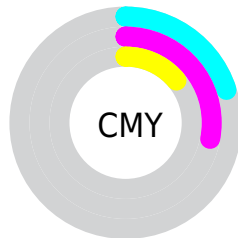
- Red (80%)
- Green (72%)
- Blue (86%)



- Red (80%)
- Yellow (72%)
- Blue (86%)



- Cyan (8%)
- Magenta (17%)
- Yellow (0%)
- Black (14%)




- Cyan (20%)
- Magenta (28%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.7308, 0.3009, 0.2858 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 51.7308, 0.3009, 0.2858 by changing the saturation by 10% instead.

 51.7308, 0.3009,
0.2858

 51.7308, 0.3009,
0.2858


393.3965, 0.3069,
0.3064

 36.7905, 0.2994,
0.2809


 92.7341, 0.3031,
0.2931

 25.0454, 0.2974,
0.2749


119.5659, 0.3039,
0.2959

 16.1109, 0.2948,
0.2671


151.1304, 0.3046,
0.2982

 9.6026, 0.2912,
0.2567

187.8120, 0.3052,
0.3003

 5.1363, 0.2858,
0.2421

229.9950, 0.3057,
0.3021

 2.3275, 0.2771,
0.2205

278.0638, 0.3062,

 0.7882, 0.2612,

0.3037

0.1848

332.4028, 0.3066,
0.3051

0.0000, 0.0458,
0.0000

0.0000, 0.0000,
0.0000

51.7308, 0.3009,
0.2858

51.7308, 0.3009,
0.2858

41.9766, 0.2923,
0.2577

63.0009, 0.3083,
0.3122

33.6642, 0.2825,
0.2286

75.8435, 0.3146,
0.3366

26.7233, 0.2715,
0.1993

90.3202, 0.3199,
0.3588

21.0745, 0.2597,
0.1712

95.8349, 0.3259,
0.3639

■ 16.6304, 0.2474,
0.1455

■ 97.6960, 0.3325,
0.3632

■ 13.2920, 0.2350,
0.1237

■ 97.9462, 0.3334,
0.3631

■ 10.9439, 0.2232,
0.1069

■ 9.4380, 0.2123,
0.0955

■ 9.0522, 0.2090,
0.0925

Harmonies

Analogous

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



51.7308, 0.2762, 0.2819



51.7308, 0.3009, 0.2858



51.7308, 0.3299, 0.3000

Triad

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



51.7308, 0.3009, 0.2858



51.7308, 0.3662, 0.3663



51.7308, 0.2716, 0.3350

Complementary

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



51.7308, 0.3009, 0.2858



66.8851, 0.3229, 0.3725

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.



51.7308, 0.2942, 0.3609



51.7308, 0.3009, 0.2858



51.7308, 0.3491, 0.3787

Square

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



51.7308, 0.3009, 0.2858



51.7308, 0.3686, 0.3451



51.7308, 0.3225, 0.3772



51.7308, 0.2599, 0.3087

Rectangle

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



51.7308, 0.3009, 0.2858



51.7308, 0.3477, 0.3136



51.7308, 0.3225, 0.3772



51.7308, 0.2781, 0.3442

Sweetspot

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



51.7330, 0.3009, 0.2858



91.0346, 0.3095, 0.3166



56.6724, 0.2864, 0.3052



19.2252, 0.3090, 0.3149



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.



51.7330, 0.3009, 0.2858



67.4731, 0.2981, 0.2765



54.1932, 0.3156, 0.2889



12.9609, 0.3065, 0.3054



5.3808, 0.2105, 0.0933



0.3997, 0.2276, 0.1027

Inverse Universe

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



53.2658, 0.3305, 0.3095



70.0210, 0.3348, 0.3053



64.7178, 0.3098, 0.3727



13.1510, 0.3220, 0.3183



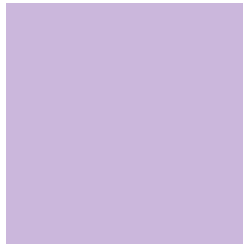
9.5091, 0.5112, 0.2590



0.6333, 0.4722, 0.2375

Previews

White Background



This preview shows how the Yxy color 51.7308, 0.3009, 0.2858 looks on a white background.

Color Contrast Check

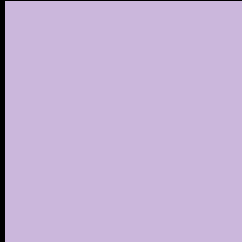
Large Text (above 18pt) WCAG AA × Fail

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 51.7308, 0.3009, 0.2858 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

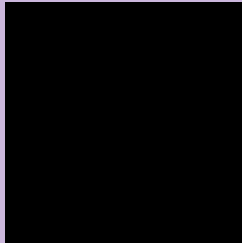
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.7308, 0.3009, 0.2858

Background



This preview shows how black text looks on a background with the Yxy color 51.7308, 0.3009, 0.2858.



This preview shows how white text looks on a background with the Yxy color 51.7308, 0.3009, 0.2858.

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

51.7308, 0.3009, 0.2858

Protanopia

51.9674, 0.2837, 0.2868

Deuteranopia

51.8344, 0.2954, 0.2897



Tritanopia

51.6142, 0.3127, 0.3109

Trichromacy



Original Color

51.7308, 0.3009, 0.2858

Protanomaly

51.9447, 0.2895, 0.2861

Deuteranomaly

51.8182, 0.2977, 0.2888

Tritanomaly

51.6695, 0.3083, 0.3015

Monochromacy



Original Color

51.7308, 0.3009, 0.2858

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.5773, 0.3086, 0.3121

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.7308, 0.3009, 0.2858 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(203, 183, 220)` looks like.

```
.text, #text, p{  
    color:rgb(203, 183, 220)  
}
```

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(203, 183, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 183, 220) }
```

Border

The CSS property to change the border of an element to Yxy 51.7308, 0.3009, 0.2858 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(203, 183, 220) }
```

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

```
.border{ border-color:rgb(203, 183, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 183, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 183, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 183, 220);  
box-shadow:4px 4px 4px 4px rgb(203, 183,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 51.7308, 0.3009, 0.2858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 183, 220) }
```

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

```
.background{ background-color: rgb(203,  
183, 220) }
```

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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