

Converting Colors

Yxy(51.7528, 0.3027, 0.2938)

Have a look what the booklet for
Yxy(51.7528, 0.3027, 0.2938)
contains.

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Color

Yxy(51.8323, 0.3030, 0.2946)

Conversions

Conversions Part 1

Format	Color
Hex	C8B9D6
RGB	200, 185, 214
RGB Percent	78%, 73%, 84%
CMY	0.2156, 0.2745, 0.1609
CMYK	0.07, 0.14, 0.00, 0.16
HSL	271°, 26%, 78%
HSV	271°, 14%, 84%
XYZ	53.3102, 51.8323, 70.7988
YIQ	192.7910, -0.3690, 12.1990

Conversions

Conversions Part 2

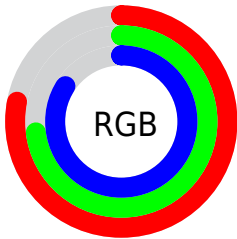
Format	Color
R _Y B	200, 185, 214
Decimal	13154774
CIE Lab	77.18, 10.71, -12.61
CIE LCh	77, 16.543, 310.324
Yxy	51.8323, 0.3030, 0.2946
Android (android.graphics.Color)	4291344854 (0xFFC8B9D6)
YUV	192.7910, 10.4560, 6.3223
Hunter-Lab	71.9947, 6.1841, -7.9089

Details

The Yxy color **51.8323, 0.3030, 0.2946** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **63.7196, 0.3214, 0.3635**, and the grayscale version is **53.1398, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.3906, 0.3133, 0.3156**, and **25.1167, 0.3005, 0.2863** is the 20% darker color. If you saturate the color by 10%, you get **42.1749, 0.2944, 0.2670**, and if you desaturate by 10%, it is **62.9369, 0.3104, 0.3204**.

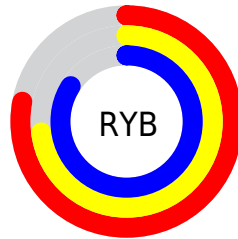
Distribution



Red (78%)

Green (73%)

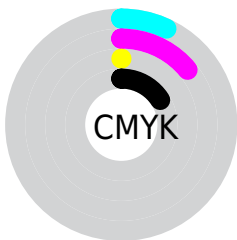
Blue (84%)



Red (78%)

Yellow (73%)

Blue (84%)

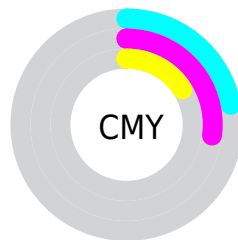


Cyan (7%)

Magenta (14%)

Yellow (0%)

Black (16%)



Cyan (22%)

Magenta (27%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.8323, 0.3030, 0.2946 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 51.8323, 0.3030, 0.2946 by changing the saturation by 10% instead.

■ 51.8323, 0.3030,
0.2946

■ 51.8323, 0.3030,
0.2946

393.7889, 0.3079,
0.3111

■ 36.8714, 0.3018,
0.2907

■ 92.8839, 0.3048,
0.3005

■ 25.1080, 0.3002,
0.2857

119.7434, 0.3055,
0.3027

■ 16.1575, 0.2981,
0.2794

151.3378, 0.3060,
0.3046

■ 9.6357, 0.2952,
0.2708

188.0517, 0.3065,
0.3063

■ 5.1581, 0.2908,
0.2587

230.2693, 0.3069,
0.3077

■ 2.3403, 0.2837,
0.2404

278.3751, 0.3073,

■ 0.7949, 0.2707,

0.3090

0.2091

332.7535, 0.3076,
0.3101

0.0000, 0.0000,
0.0000

51.8323, 0.3030,
0.2946

51.8323, 0.3030,
0.2946

42.1749, 0.2944,
0.2670

62.9369, 0.3104,
0.3204

33.8963, 0.2845,
0.2380

75.5401, 0.3166,
0.3440

26.9321, 0.2735,
0.2084

89.6990, 0.3219,
0.3654

21.2102, 0.2615,
0.1795

95.1130, 0.3280,
0.3703

16.6515, 0.2488,
0.1525

96.9786, 0.3347,
0.3694

■ 13.1671, 0.2360,
0.1289

■ 97.6340, 0.3370,
0.3691

■ 10.6549, 0.2235,
0.1101

■ 8.9914, 0.2120,
0.0967

■ 8.2349, 0.2051,
0.0904

Harmonies

Analogous

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



51.8323, 0.2836, 0.2919



51.8323, 0.3030, 0.2946



51.8323, 0.3257, 0.3057

Triad

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



51.8323, 0.3030, 0.2946



51.8323, 0.3547, 0.3581



51.8323, 0.2808, 0.3345

Complementary

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



51.8323, 0.3030, 0.2946



63.7196, 0.3214, 0.3635

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.



51.8323, 0.2990, 0.3542



51.8323, 0.3030, 0.2946



51.8323, 0.3418, 0.3677

Square

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



51.8323, 0.3030, 0.2946



51.8323, 0.3561, 0.3415



51.8323, 0.3212, 0.3665



51.8323, 0.2712, 0.3140

Rectangle

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



51.8323, 0.3030, 0.2946



51.8323, 0.3395, 0.3165



51.8323, 0.3212, 0.3665



51.8323, 0.2861, 0.3415

Sweetspot

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



51.8345, 0.3030, 0.2946



92.7449, 0.3100, 0.3191



56.0170, 0.2917, 0.3108



19.5679, 0.3095, 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.



51.8345, 0.3030, 0.2946



73.1394, 0.3009, 0.2875



53.8189, 0.3146, 0.2963



12.3224, 0.3062, 0.3055



5.0409, 0.2066, 0.0912



0.3532, 0.2251, 0.1014

Inverse Universe

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



53.1103, 0.3261, 0.3128



75.3852, 0.3291, 0.3095



61.9197, 0.3107, 0.3640



12.5194, 0.3216, 0.3178



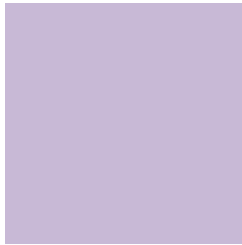
9.2534, 0.5027, 0.2543



0.5748, 0.4630, 0.2324

Previews

White Background



This preview shows how the Yxy color 51.8323, 0.3030, 0.2946 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 51.8323, 0.3030, 0.2946 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

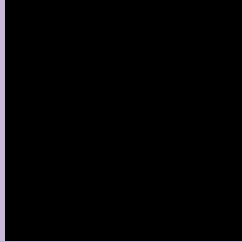
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.8323, 0.3030, 0.2946

Background



This preview shows how black text looks on a background with the Yxy color 51.8323, 0.3030, 0.2946.



This preview shows how white text looks on a background with the Yxy color 51.8323, 0.3030, 0.2946.

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

51.8323, 0.3030, 0.2946

Protanopia

51.8440, 0.2900, 0.2949

Deuteranopia

51.9786, 0.3014, 0.2956



Tritanopia

51.8107, 0.3103, 0.3108

Trichromacy



Original Color

51.8323, 0.3030, 0.2946

Protanomaly

52.0007, 0.2945, 0.2952

Deuteranomaly

52.1150, 0.3022, 0.2957

Tritanomaly

51.7162, 0.3081, 0.3049

Monochromacy



Original Color

51.8323, 0.3030, 0.2946

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.7797, 0.3093, 0.3156

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.8323, 0.3030, 0.2946 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(200, 185, 214)` looks like.

```
.text, #text, p{  
    color:rgb(200, 185, 214)  
}
```

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(200, 185, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 185, 214) }
```

Border

The CSS property to change the border of an element to Yxy 51.8323, 0.3030, 0.2946 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(200, 185, 214) }
```

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

```
.border{ border-color:rgb(200, 185, 214) }
```

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

Here you see how a box with a 4 pixel rgb(200, 185, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 185, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 185, 214);  
box-shadow:4px 4px 4px 4px rgb(200, 185,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 51.8323, 0.3030, 0.2946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 185, 214) }
```

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

```
.background{ background-color: rgb(200,  
185, 214) }
```

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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