

Converting Colors

Yxy(51.3451, 0.2812, 0.2831)

Have a look what the booklet for
Yxy(51.3451, 0.2812, 0.2831)
contains.

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Color

Yxy(51.4025, 0.2809, 0.2831)

Conversions

Conversions Part 1

Format	Color
Hex	B6BCE2
RGB	182, 188, 226
RGB Percent	71%, 74%, 89%
CMY	0.2862, 0.2627, 0.1138
CMYK	0.19, 0.17, 0.00, 0.11
HSL	232°, 43%, 80%
HSV	232°, 19%, 89%
XYZ	51.0030, 51.4025, 79.1646
YIQ	190.5380, -15.7740, 10.5460

Conversions

Conversions Part 2

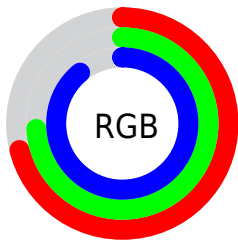
Format	Color
R _Y B	182, 187, 226
Decimal	11975906
CIE Lab	76.92, 5.78, -19.63
CIE LCh	77, 20.463, 286.412
Yxy	51.4025, 0.2809, 0.2831
Android (android.graphics.Color)	4290165986 (0xFFB6BCE2)
YUV	190.5380, 17.4828, -7.4878
Hunter-Lab	71.6955, 1.5148, -15.2798

Details

The Yxy color **51.4025, 0.2809, 0.2831** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **70.7278, 0.3431, 0.3711**, and the grayscale version is **51.7255, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.0985, 0.3024, 0.3181**, and **24.9353, 0.2724, 0.2710** is the 20% darker color. If you saturate the color by 10%, you get **41.0858, 0.2622, 0.2553**, and if you desaturate by 10%, it is **63.2959, 0.2981, 0.3081**.

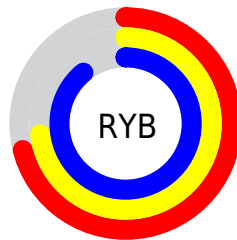
Distribution



Red (71%)

Green (74%)

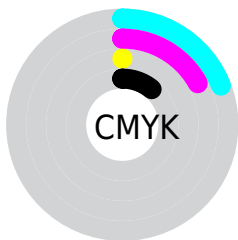
Blue (89%)



Red (71%)

Yellow (73%)

Blue (89%)

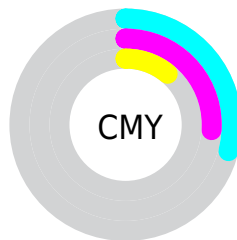


Cyan (19%)

Magenta (17%)

Yellow (0%)

Black (11%)



Cyan (29%)

Magenta (26%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.4025, 0.2809, 0.2831 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 51.4025, 0.2809, 0.2831 by changing the saturation by 10% instead.

■ 51.4025, 0.2809,
0.2831

■ 51.4025, 0.2809,
0.2831

392.1256, 0.2965,
0.3052

■ 36.5290, 0.2771,
0.2779

■ 92.2495, 0.2865,
0.2909

■ 24.8431, 0.2723,
0.2713

118.9917, 0.2886,
0.2939

■ 15.9602, 0.2661,
0.2628

150.4591, 0.2904,
0.2965

■ 9.4960, 0.2576,
0.2514

187.0359, 0.2920,
0.2987

■ 5.0661, 0.2454,
0.2354

229.1065, 0.2933,
0.3006

■ 2.2861, 0.2267,
0.2116

277.0554, 0.2945,

■ 0.7663, 0.1953,

0.3023

0.1721

331.2670, 0.2956,
0.3038

0.0000, 0.0000,
0.0000

51.4025, 0.2809,
0.2831

51.4025, 0.2809,
0.2831

41.0858, 0.2622,
0.2553

63.2959, 0.2981,
0.3081

32.2732, 0.2424,
0.2251

76.8221, 0.3135,
0.3301

24.8958, 0.2222,
0.1934

92.0419, 0.3273,
0.3494

18.8769, 0.2025,
0.1615

98.2695, 0.3298,
0.3572

14.1323, 0.1846,
0.1313

■ 10.5684, 0.1699,
0.1049

■ 8.0782, 0.1592,
0.0841

■ 6.5200, 0.1529,
0.0699

■ 6.4552, 0.1526,
0.0693

Harmonies

Analogous

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



51.4025, 0.2647, 0.2887



51.4025, 0.2809, 0.2831



51.4025, 0.3061, 0.2888

Triad

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



51.4025, 0.2809, 0.2831



51.4025, 0.3676, 0.3486



51.4025, 0.2904, 0.3559

Complementary

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



51.4025, 0.2809, 0.2831



70.7278, 0.3431, 0.3711

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.



51.4025, 0.3174, 0.3739



51.4025, 0.2809, 0.2831



51.4025, 0.3626, 0.3681

Square

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



51.4025, 0.2809, 0.2831



51.4025, 0.3571, 0.3255



51.4025, 0.3439, 0.3780



51.4025, 0.2699, 0.3302

Rectangle

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



51.4025, 0.2809, 0.2831



51.4025, 0.3250, 0.2981



51.4025, 0.3439, 0.3780



51.4025, 0.2989, 0.3632

Sweetspot

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



51.4046, 0.2809, 0.2831



89.0664, 0.3035, 0.3159



69.4606, 0.2875, 0.3366



18.8194, 0.3025, 0.3144



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.



51.4046, 0.2809, 0.2831



62.3429, 0.2741, 0.2731



50.8813, 0.2922, 0.2774



13.5423, 0.2981, 0.3081



3.7827, 0.1531, 0.0710



0.3601, 0.1593, 0.0934

Inverse Universe

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



53.2616, 0.3459, 0.3223



65.2732, 0.3540, 0.3209



71.5449, 0.3306, 0.3791



13.7307, 0.3271, 0.3258



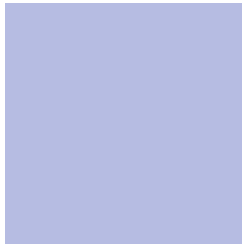
9.2899, 0.6216, 0.3198



0.6538, 0.5859, 0.3002

Previews

White Background



This preview shows how the Yxy color 51.4025, 0.2809, 0.2831 looks on a white background.

Color Contrast Check

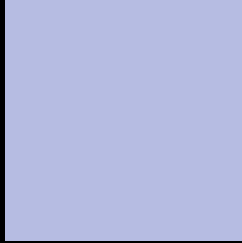
Large Text (above 18pt) WCAG AA × Fail

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 51.4025, 0.2809, 0.2831 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

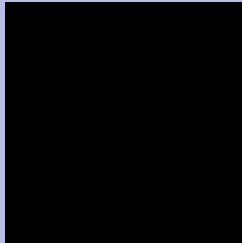
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.4025, 0.2809, 0.2831

Background



This preview shows how black text looks on a background with the Yxy color 51.4025, 0.2809, 0.2831.



This preview shows how white text looks on a background with the Yxy color 51.4025, 0.2809, 0.2831.

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

51.4025, 0.2809, 0.2831

Protanopia

51.4025, 0.2809, 0.2831

Deuteranopia

51.1361, 0.2866, 0.2802



Tritanopia

51.2316, 0.2909, 0.3089

Trichromacy



Original Color

51.4025, 0.2809, 0.2831

Protanomaly

51.4025, 0.2809, 0.2831

Deuteranomaly

51.1736, 0.2844, 0.2811

Tritanomaly

51.2657, 0.2868, 0.2992

Monochromacy



Original Color

51.4025, 0.2809, 0.2831

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.8779, 0.3007, 0.3117

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.4025, 0.2809, 0.2831 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(182, 188, 226)` looks like.

```
.text, #text, p{  
    color:rgb(182, 188, 226)  
}
```

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(182, 188, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 188, 226) }
```

Border

The CSS property to change the border of an element to Yxy 51.4025, 0.2809, 0.2831 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(182, 188, 226) }
```

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

```
.border{ border-color:rgb(182, 188, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 188, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 188, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 188, 226);  
box-shadow:4px 4px 4px 4px rgb(182, 188,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 51.4025, 0.2809, 0.2831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 188, 226) }
```

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

```
.background{ background-color: rgb(182,  
188, 226) }
```

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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