

Converting Colors

$Yxy(50.8375, 0.2760, 0.2771)$

Have a look what the booklet for
Yxy(50.8375, 0.2760, 0.2771)
contains.

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Color

Yxy(50.8375, 0.2760, 0.2771)

Conversions

Conversions Part 1

Format	Color
Hex	B3BBE6
RGB	179, 187, 230
RGB Percent	70%, 73%, 90%
CMY	0.2982, 0.2666, 0.0981
CMYK	0.22, 0.19, 0.00, 0.10
HSL	231°, 50%, 80%
HSV	231°, 22%, 90%
XYZ	50.6357, 50.8375, 81.9895
YIQ	189.5100, -18.5710, 11.6770

Conversions

Conversions Part 2

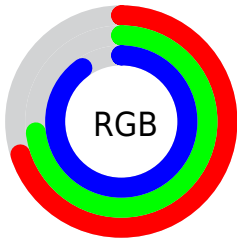
Format	Color
R _Y B	179, 186, 230
Decimal	11779046
CIE Lab	76.58, 6.28, -22.33
CIE LCh	77, 23.198, 285.699
Yxy	50.8375, 0.2760, 0.2771
Android (android.graphics.Color)	4289969126 (0xFFB3BBE6)
YUV	189.5100, 19.9616, -9.2173
Hunter-Lab	71.3004, 1.9903, -18.2682

Details

The Yxy color **50.8375, 0.2760, 0.2771** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **72.2801, 0.3479, 0.3761**, and the grayscale version is **51.0858, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.9834, 0.3006, 0.3170**, and **24.4662, 0.2660, 0.2643** is the 20% darker color. If you saturate the color by 10%, you get **40.6515, 0.2571, 0.2493**, and if you desaturate by 10%, it is **62.5932, 0.2935, 0.3022**.

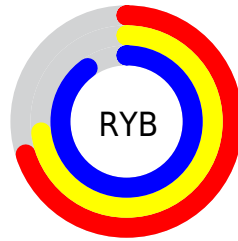
Distribution



Red (70%)

Green (73%)

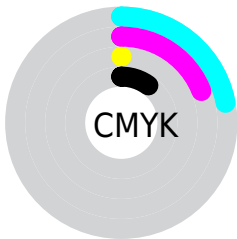
Blue (90%)



Red (70%)

Yellow (73%)

Blue (90%)

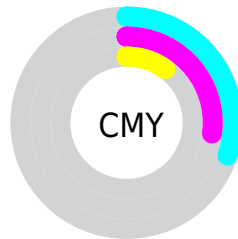


Cyan (22%)

Magenta (19%)

Yellow (0%)

Black (10%)



Cyan (30%)

Magenta (27%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.8375, 0.2760, 0.2771 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 50.8375, 0.2760, 0.2771 by changing the saturation by 10% instead.

■ 50.8375, 0.2760,
0.2771

■ 50.8375, 0.2760,
0.2771

■ 389.9321, 0.2940,
0.3020

■ 36.0793, 0.2716,
0.2712

■ 91.4145, 0.2824,
0.2859

■ 24.4954, 0.2661,
0.2638

■ 118.0021, 0.2849,
0.2893

■ 15.7015, 0.2589,
0.2543

■ 149.3017, 0.2870,
0.2922

■ 9.3132, 0.2492,
0.2416

■ 185.6975, 0.2888,
0.2947

■ 4.9460, 0.2354,
0.2239

■ 227.5741, 0.2903,
0.2969

■ 2.2156, 0.2143,
0.1978

■ 275.3158, 0.2917,

■ 0.7285, 0.1798,

0.2988

0.1549

329.3070, 0.2929,
0.3005

0.0000, 0.0000,
0.0000

50.8375, 0.2760,
0.2771

50.8375, 0.2760,
0.2771

40.6515, 0.2571,
0.2493

62.5932, 0.2935,
0.3022

31.9624, 0.2373,
0.2193

75.9750, 0.3095,
0.3245

24.7006, 0.2173,
0.1880

91.0444, 0.3237,
0.3441

18.7884, 0.1982,
0.1569

98.4919, 0.3274,
0.3532

14.1410, 0.1812,
0.1277

■ 10.6629, 0.1675,
0.1024

■ 8.2449, 0.1580,
0.0828

■ 6.9900, 0.1533,
0.0718

Harmonies

Analogous

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



50.8375, 0.2581, 0.2835



50.8375, 0.2760, 0.2771



50.8375, 0.3043, 0.2833

Triad

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



50.8375, 0.2760, 0.2771



50.8375, 0.3752, 0.3504



50.8375, 0.2879, 0.3604

Complementary

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



50.8375, 0.2760, 0.2771



72.2801, 0.3479, 0.3761

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.



50.8375, 0.3186, 0.3807



50.8375, 0.2760, 0.2771



50.8375, 0.3698, 0.3728

Square

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



50.8375, 0.2760, 0.2771



50.8375, 0.3628, 0.3242



50.8375, 0.3487, 0.3847



50.8375, 0.2646, 0.3309

Rectangle

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



50.8375, 0.2760, 0.2771



50.8375, 0.3258, 0.2936



50.8375, 0.3487, 0.3847



50.8375, 0.2976, 0.3687

Sweetspot

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



50.8396, 0.2760, 0.2771



87.5500, 0.3019, 0.3140



71.4074, 0.2846, 0.3388



18.5200, 0.3010, 0.3127



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.



50.8396, 0.2760, 0.2771



57.6142, 0.2667, 0.2636



49.6730, 0.2882, 0.2693



14.2523, 0.2980, 0.3086



4.0722, 0.1538, 0.0736



0.4136, 0.1602, 0.0968

Inverse Universe

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



52.6367, 0.3509, 0.3200



60.4726, 0.3622, 0.3179



73.9772, 0.3337, 0.3865



14.4049, 0.3268, 0.3253



9.6088, 0.6173, 0.3174



0.7214, 0.5808, 0.2973

Previews

White Background



This preview shows how the Yxy color 50.8375, 0.2760, 0.2771 looks on a white background.

Color Contrast Check

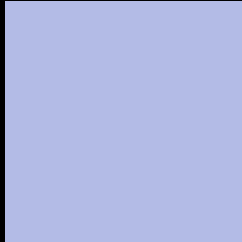
Large Text (above 18pt) WCAG AA × Fail

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 50.8375, 0.2760, 0.2771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

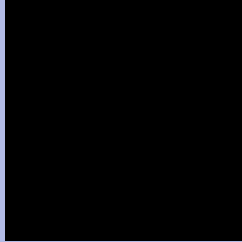
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.8375, 0.2760, 0.2771

Background



This preview shows how black text looks on a background with the Yxy color 50.8375, 0.2760, 0.2771.



This preview shows how white text looks on a background with the Yxy color 50.8375, 0.2760, 0.2771.

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

50.8375, 0.2760, 0.2771

Protanopia

50.8375, 0.2760, 0.2771

Deuteranopia

50.8502, 0.2809, 0.2753



Tritanopia

50.7165, 0.2886, 0.3099

Trichromacy



Original Color

50.8375, 0.2760, 0.2771

Protanomaly

50.8375, 0.2760, 0.2771

Deuteranomaly

50.8983, 0.2788, 0.2762

Tritanomaly

50.9633, 0.2839, 0.2978

Monochromacy



Original Color

50.8375, 0.2760, 0.2771

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.2421, 0.2984, 0.3092

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.8375, 0.2760, 0.2771 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(179, 187, 230)` looks like.

```
.text, #text, p{  
    color:rgb(179, 187, 230)  
}
```

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(179, 187, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 187, 230) }
```

Border

The CSS property to change the border of an element to Yxy 50.8375, 0.2760, 0.2771 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(179, 187, 230) }
```

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

```
.border{ border-color:rgb(179, 187, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 187, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 187, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 187, 230);  
box-shadow:4px 4px 4px 4px rgb(179, 187,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 50.8375, 0.2760, 0.2771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 187, 230) }
```

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

```
.background{ background-color: rgb(179,  
187, 230) }
```

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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