

Converting Colors

Yxy(50.6478, 0.2781, 0.2860)

Have a look what the booklet for
Yxy(50.6478, 0.2781, 0.2860)
contains.

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Color

Yxy(50.5243, 0.2785, 0.2859)

Conversions

Conversions Part 1

Format	Color
Hex	B0BCDF
RGB	176, 188, 223
RGB Percent	69%, 74%, 87%
CMY	0.3096, 0.2628, 0.1254
CMYK	0.21, 0.16, 0.00, 0.13
HSL	225°, 42%, 78%
HSV	225°, 21%, 87%
XYZ	49.2166, 50.5243, 76.9793
YIQ	188.4020, -18.3870, 8.3410

Conversions

Conversions Part 2

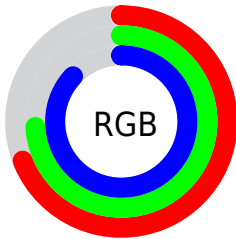
Format	Color
R _Y B	176, 186, 223
Decimal	11582687
CIE Lab	76.39, 3.28, -18.88
CIE LCh	76, 19.159, 279.844
Yxy	50.5243, 0.2785, 0.2859
Android (android.graphics.Color)	4289772767 (0xFFB0BCDF)
YUV	188.4020, 17.0568, -10.8766
Hunter-Lab	71.0804, -0.7962, -14.4541

Details

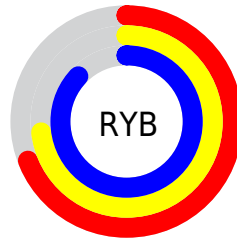
The Yxy color $50.5243, 0.2785, 0.2859$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $65.4531, 0.3469, 0.3687$, and the grayscale version is $50.4444, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.0772, 0.2987, 0.3180$, and $24.3661, 0.2693, 0.2745$ is the 20% darker color. If you saturate the color by 10%, you get $41.4348, 0.2604, 0.2617$, and if you desaturate by 10%, it is $60.8640, 0.2955, 0.3077$.

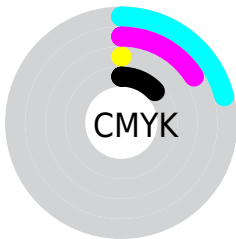
Distribution



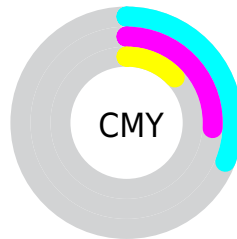
- Red (69%)
- Green (74%)
- Blue (87%)



- Red (69%)
- Yellow (73%)
- Blue (87%)



- Cyan (21%)
- Magenta (16%)
- Yellow (0%)
- Black (13%)



- Cyan (31%)
- Magenta (26%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.5243, 0.2785, 0.2859 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 50.5243, 0.2785, 0.2859 by changing the saturation by 10% instead.

■ 50.5243, 0.2785,
0.2859

■ 50.5243, 0.2785,
0.2859

388.7127, 0.2953,
0.3068

■ 35.8302, 0.2744,
0.2809

■ 90.9512, 0.2845,
0.2933

■ 24.3031, 0.2693,
0.2746

117.4528, 0.2868,
0.2962

■ 15.5586, 0.2625,
0.2664

148.6590, 0.2887,
0.2986

■ 9.2123, 0.2534,
0.2553

184.9542, 0.2904,
0.3007

■ 4.8799, 0.2403,
0.2397

226.7227, 0.2919,
0.3025

■ 2.1770, 0.2202,
0.2161

274.3491, 0.2931,

■ 0.7074, 0.1860,

0.3041

0.1749

328.2176, 0.2943,
0.3055

0.0000, 0.0000,
0.0000

50.5243, 0.2785,
0.2859

50.5243, 0.2785,
0.2859

41.4348, 0.2604,
0.2617

60.8640, 0.2955,
0.3077

33.5407, 0.2417,
0.2355

72.4934, 0.3111,
0.3271

26.7924, 0.2228,
0.2077

85.4580, 0.3254,
0.3441

21.1341, 0.2047,
0.1793

97.8016, 0.3316,
0.3597

16.5048, 0.1882,
0.1515

98.1085, 0.3315,
0.3601

■ 12.8374, 0.1744,
0.1259

■ 10.0550, 0.1641,
0.1038

■ 8.2242, 0.1577,
0.0878

Harmonies

Analogous

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



50.5243, 0.2655, 0.2937



50.5243, 0.2785, 0.2859



50.5243, 0.3009, 0.2890

Triad

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



50.5243, 0.2785, 0.2859



50.5243, 0.3635, 0.3430



50.5243, 0.2969, 0.3589

Complementary

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



50.5243, 0.2785, 0.2859



65.4531, 0.3469, 0.3687

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.



50.5243, 0.3229, 0.3732



50.5243, 0.2785, 0.2859



50.5243, 0.3620, 0.3625

Square

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



50.5243, 0.2785, 0.2859



50.5243, 0.3506, 0.3210



50.5243, 0.3469, 0.3741



50.5243, 0.2758, 0.3357

Rectangle

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



50.5243, 0.2785, 0.2859



50.5243, 0.3185, 0.2965



50.5243, 0.3469, 0.3741



50.5243, 0.3054, 0.3650

Sweetspot

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



50.5264, 0.2785, 0.2859



90.1473, 0.3035, 0.3177



66.6966, 0.2888, 0.3439



19.0741, 0.3025, 0.3164



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.



50.5264, 0.2785, 0.2859



63.1755, 0.2712, 0.2762



46.9651, 0.2859, 0.2721



13.8067, 0.2981, 0.3110



4.9886, 0.1584, 0.0902



0.4878, 0.1666, 0.1199

Inverse Universe

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



50.3913, 0.3444, 0.3153



63.1580, 0.3524, 0.3124



69.9248, 0.3361, 0.3828



13.7574, 0.3252, 0.3231



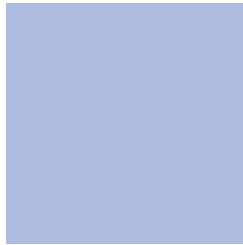
9.4116, 0.5908, 0.3028



0.6667, 0.5468, 0.2786

Previews

White Background



This preview shows how the Yxy color 50.5243, 0.2785, 0.2859 looks on a white background.

Color Contrast Check

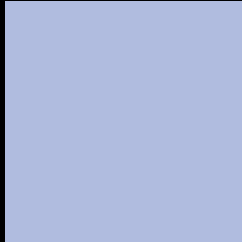
Large Text (above 18pt) WCAG AA × Fail

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 50.5243, 0.2785, 0.2859 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

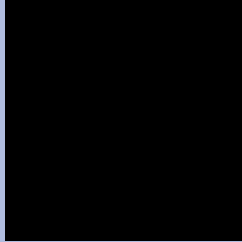
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.5243, 0.2785, 0.2859

Background



This preview shows how black text looks on a background with the Yxy color 50.5243, 0.2785, 0.2859.

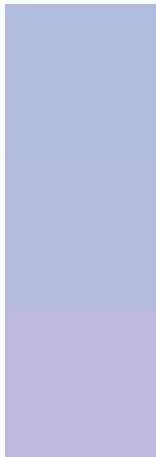


This preview shows how white text looks on a background with the Yxy color 50.5243, 0.2785, 0.2859.

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

50.5243, 0.2785, 0.2859

Protanopia

50.6383, 0.2827, 0.2863

Deuteranopia

50.4816, 0.2872, 0.2811



Tritanopia

50.6021, 0.2879, 0.3099

Trichromacy



Original Color

50.5243, 0.2785, 0.2859

Protanomaly

50.3983, 0.2812, 0.2861

Deuteranomaly

50.2701, 0.2835, 0.2818

Tritanomaly

50.5790, 0.2845, 0.3013

Monochromacy



Original Color

50.5243, 0.2785, 0.2859

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.3738, 0.2998, 0.3127

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.5243, 0.2785, 0.2859 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(176, 188, 223)` looks like.

```
.text, #text, p{  
    color:rgb(176, 188, 223)  
}
```

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(176, 188, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 188, 223) }
```

Border

The CSS property to change the border of an element to Yxy 50.5243, 0.2785, 0.2859 is called "border". The border property can be set on classes, ids or directly on the HTML element.

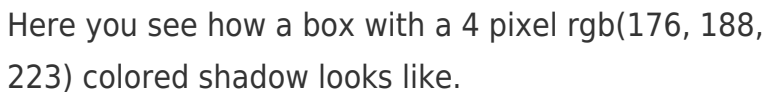
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 188, 223) }
```

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

```
.border{ border-color:rgb(176, 188, 223) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 188, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 188, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 188, 223);  
box-shadow:4px 4px 4px 4px rgb(176, 188,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 50.5243, 0.2785, 0.2859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 188, 223) }
```

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

```
.background{ background-color: rgb(176,  
188, 223) }
```

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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