

Converting Colors

$Y_{xy}(51.3002, 0.2854, 0.2915)$

Have a look what the booklet for
Yxy(51.3002, 0.2854, 0.2915)
contains.

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Color

Yxy(51.4547, 0.2856, 0.2923)

Conversions

Conversions Part 1

Format	Color
Hex	B6BDDB
RGB	182, 189, 219
RGB Percent	71%, 74%, 86%
CMY	0.2863, 0.2588, 0.1411
CMYK	0.17, 0.14, 0.00, 0.14
HSL	229°, 34%, 79%
HSV	229°, 17%, 86%
XYZ	50.2753, 51.4547, 74.3039
YIQ	190.3270, -13.8020, 7.8460

Conversions

Conversions Part 2

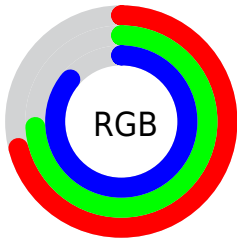
Format	Color
R_{YB}	182, 188, 219
Decimal	11976155
CIE _{Lab}	76.95, 3.70, -15.82
CIE _{LCh}	77, 16.245, 283.182
Yxy	51.4547, 0.2856, 0.2923
Android (android.graphics.Color)	4290166235 (0xFFB6BDDDB)
YUV	190.3270, 14.1358, -7.3028
Hunter-Lab	71.7319, -0.4243, -11.2035

Details

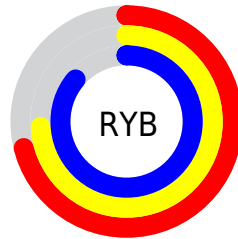
The Yxy color **51.4547, 0.2856, 0.2923** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **65.5266, 0.3392, 0.3632**, and the grayscale version is **51.6148, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.7020, 0.3024, 0.3191**, and **24.9558, 0.2786, 0.2831** is the 20% darker color. If you saturate the color by 10%, you get **41.8185, 0.2676, 0.2670**, and if you desaturate by 10%, it is **62.4473, 0.3022, 0.3149**.

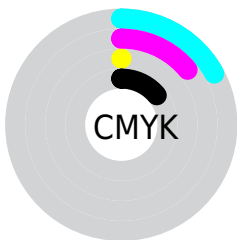
Distribution



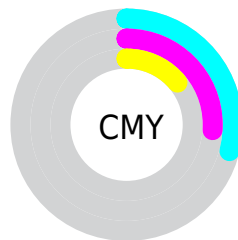
- Red (71%)
- Green (74%)
- Blue (86%)



- Red (71%)
- Yellow (74%)
- Blue (86%)



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



- Cyan (29%)
- Magenta (26%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.4547, 0.2856, 0.2923 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 51.4547, 0.2856, 0.2923 by changing the saturation by 10% instead.

■ 51.4547, 0.2856,
0.2923

■ 51.4547, 0.2856,
0.2923

392.3278, 0.2989,
0.3101

■ 36.5706, 0.2824,
0.2880

■ 92.3265, 0.2904,
0.2986

■ 24.8752, 0.2783,
0.2827

119.0831, 0.2922,
0.3010

■ 15.9841, 0.2729,
0.2757

150.5659, 0.2937,
0.3031

■ 9.5129, 0.2656,
0.2662

187.1594, 0.2950,
0.3049

■ 5.0772, 0.2551,
0.2529

229.2479, 0.2962,
0.3064

■ 2.2926, 0.2387,
0.2325

277.2159, 0.2972,

■ 0.7698, 0.2105,

0.3078

0.1971

331.4477, 0.2981,
0.3090

0.0000, 0.0000,
0.0000

51.4547, 0.2856,
0.2923

51.4547, 0.2856,
0.2923

41.8185, 0.2676,
0.2670

62.4473, 0.3022,
0.3149

33.4794, 0.2485,
0.2393

74.8399, 0.3172,
0.3349

26.3829, 0.2289,
0.2098

88.6820, 0.3307,
0.3524

20.4684, 0.2096,
0.1794

97.8948, 0.3339,
0.3641

15.6697, 0.1917,
0.1496

■ 11.9142, 0.1762,
0.1222

■ 9.1198, 0.1643,
0.0988

■ 7.1886, 0.1565,
0.0810

■ 6.7323, 0.1546,
0.0766

Harmonies

Analogous

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



51.4547, 0.2735, 0.2981



51.4547, 0.2856, 0.2923



51.4547, 0.3052, 0.2958

Triad

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



51.4547, 0.2856, 0.2923



51.4547, 0.3559, 0.3431



51.4547, 0.2972, 0.3521

Complementary

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



51.4547, 0.2856, 0.2923



65.5266, 0.3392, 0.3632

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.



51.4547, 0.3190, 0.3652



51.4547, 0.2856, 0.2923



51.4547, 0.3533, 0.3589

Square

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



51.4547, 0.2856, 0.2923



51.4547, 0.3463, 0.3244



51.4547, 0.3396, 0.3674



51.4547, 0.2800, 0.3324

Rectangle

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



51.4547, 0.2856, 0.2923



51.4547, 0.3202, 0.3028



51.4547, 0.3396, 0.3674



51.4547, 0.3042, 0.3575

Sweetspot

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



51.4568, 0.2856, 0.2923



91.2428, 0.3051, 0.3188



65.3453, 0.2918, 0.3378



19.2750, 0.3040, 0.3174



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.



51.4568, 0.2856, 0.2923



67.9752, 0.2799, 0.2843



49.9213, 0.2938, 0.2846



13.0140, 0.2981, 0.3095



4.1105, 0.1552, 0.0785



0.3851, 0.1632, 0.1073

Inverse Universe

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



52.1911, 0.3390, 0.3209



69.2831, 0.3453, 0.3192



67.4402, 0.3296, 0.3719



13.0916, 0.3262, 0.3246



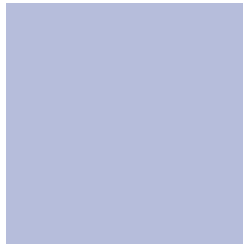
9.0387, 0.6093, 0.3130



0.5976, 0.5650, 0.2886

Previews

White Background



This preview shows how the Yxy color 51.4547, 0.2856, 0.2923 looks on a white background.

Color Contrast Check

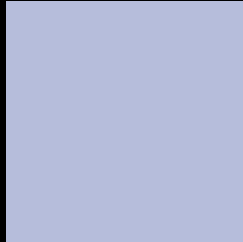
Large Text (above 18pt) WCAG AA × Fail

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 51.4547, 0.2856, 0.2923 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

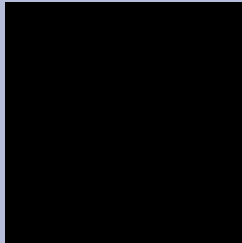
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.4547, 0.2856, 0.2923

Background



This preview shows how black text looks on a background with the Yxy color 51.4547, 0.2856, 0.2923.



This preview shows how white text looks on a background with the Yxy color 51.4547, 0.2856, 0.2923.

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

51.4547, 0.2856, 0.2923

Protanopia

51.3952, 0.2878, 0.2913

Deuteranopia

51.3346, 0.2939, 0.2873



Tritanopia

51.4211, 0.2931, 0.3102

Trichromacy



Original Color

51.4547, 0.2856, 0.2923

Protanomaly

51.2713, 0.2870, 0.2912

Deuteranomaly

51.2323, 0.2908, 0.2881

Tritanomaly

51.3538, 0.2904, 0.3029

Monochromacy



Original Color

51.4547, 0.2856, 0.2923

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.6088, 0.3021, 0.3153

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.4547, 0.2856, 0.2923 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, 189, 219)` looks like.

```
.text, #text, p{  
    color:rgb(182, 189, 219)  
}
```

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, 189, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 189, 219) }
```

Border

The CSS property to change the border of an element to Yxy 51.4547, 0.2856, 0.2923 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, 189, 219) }
```

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

```
.border{ border-color:rgb(182, 189, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 189, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 189, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 189, 219);  
box-shadow:4px 4px 4px 4px rgb(182, 189,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 51.4547, 0.2856, 0.2923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 189, 219) }
```

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

```
.background{ background-color: rgb(182,  
189, 219) }
```

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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