

Converting Colors

Yxy(51.1462, 0.2881, 0.2860)

Have a look what the booklet for
Yxy(51.1462, 0.2881, 0.2860)
contains.

Yxy(51.0831, 0.2879, 0.2857)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(51.0831, 0.2879, 0.2857)

Conversions

Conversions Part 1

Format	Color
Hex	BCBADE
RGB	188, 186, 222
RGB Percent	74%, 73%, 87%
CMY	0.2628, 0.2705, 0.1295
CMYK	0.15, 0.16, 0.00, 0.13
HSL	243°, 35%, 80%
HSV	243°, 16%, 87%
XYZ	51.4765, 51.0831, 76.2402
YIQ	190.7020, -10.3640, 11.6200

Conversions

Conversions Part 2

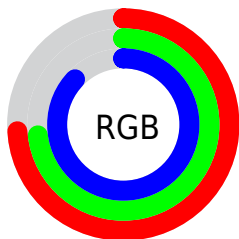
Format	Color
R_{YB}	188, 186, 222
Decimal	12368606
CIE Lab	76.73, 7.87, -17.72
CIE LCh	77, 19.387, 293.938
Yxy	51.0831, 0.2879, 0.2857
Android (android.graphics.Color)	4290558686 (0xFFBCBADE)
YUV	190.7020, 15.4299, -2.3697
Hunter-Lab	71.4724, 3.4839, -13.2144

Details

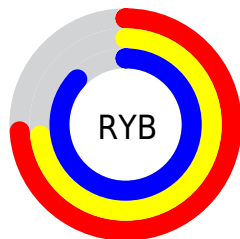
The Yxy color $51.0831, 0.2879, 0.2857$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $70.9965, 0.3355, 0.3693$, and the grayscale version is $51.8315, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.9574, 0.3062, 0.3163$, and $24.6334, 0.2805, 0.2743$ is the 20% darker color. If you saturate the color by 10%, you get $39.9727, 0.2700, 0.2547$, and if you desaturate by 10%, it is $64.0381, 0.3038, 0.3135$.

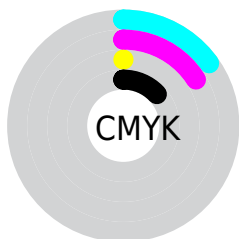
Distribution



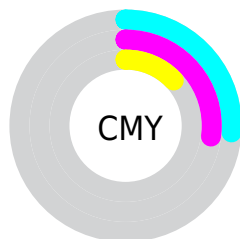
- Red (74%)
- Green (73%)
- Blue (87%)



- Red (74%)
- Yellow (73%)
- Blue (87%)



- Cyan (15%)
- Magenta (16%)
- Yellow (0%)
- Black (13%)



- Cyan (26%)
- Magenta (27%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.0831, 0.2879, 0.2857 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 51.0831, 0.2879, 0.2857 by changing the saturation by 10% instead.

■ 51.0831, 0.2879,
0.2857

■ 51.0831, 0.2879,
0.2857

■ 390.8866, 0.3002,
0.3065

■ 36.2747, 0.2849,
0.2807

■ 91.7776, 0.2923,
0.2931

■ 24.6465, 0.2811,
0.2745

■ 118.4325, 0.2940,
0.2959

■ 15.8139, 0.2761,
0.2665

■ 149.8051, 0.2954,
0.2983

■ 9.3925, 0.2692,
0.2557

■ 186.2797, 0.2966,
0.3004

■ 4.9981, 0.2593,
0.2406

■ 228.2408, 0.2977,
0.3022

■ 2.2461, 0.2437,
0.2179

■ 276.0727, 0.2986,

■ 0.7450, 0.2170,

0.3038

0.1793

330.1598, 0.2994,
0.3053

0.0000, 0.0000,
0.0000

51.0831, 0.2879,
0.2857

51.0831, 0.2879,
0.2857

39.9727, 0.2700,
0.2547

64.0381, 0.3038,
0.3135

30.6171, 0.2503,
0.2211

78.9096, 0.3178,
0.3379

22.9284, 0.2295,
0.1860

95.7732, 0.3298,
0.3592

16.8086, 0.2087,
0.1513

98.0529, 0.3322,
0.3611

12.1497, 0.1892,
0.1193

■ 8.8296, 0.1727,
0.0927

■ 6.7067, 0.1604,
0.0738

■ 5.6057, 0.1530,
0.0632

■ 5.3520, 0.1514,
0.0607

Harmonies

Analogous

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



51.0831, 0.2699, 0.2883



51.0831, 0.2879, 0.2857



51.0831, 0.3132, 0.2936

Triad

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



51.0831, 0.2879, 0.2857



51.0831, 0.3650, 0.3530



51.0831, 0.2858, 0.3488

Complementary

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



51.0831, 0.2879, 0.2857



70.9965, 0.3355, 0.3693

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.



51.0831, 0.3105, 0.3683



51.0831, 0.2879, 0.2857



51.0831, 0.3567, 0.3696

Square

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



51.0831, 0.2879, 0.2857



51.0831, 0.3586, 0.3313



51.0831, 0.3365, 0.3758



51.0831, 0.2687, 0.3239

Rectangle

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



51.0831, 0.2879, 0.2857



51.0831, 0.3310, 0.3038



51.0831, 0.3365, 0.3758



51.0831, 0.2935, 0.3563

Sweetspot

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



51.0852, 0.2879, 0.2857



89.9184, 0.3056, 0.3165



66.9962, 0.2882, 0.3268



18.9545, 0.3045, 0.3146



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.



51.0852, 0.2879, 0.2857



65.2121, 0.2828, 0.2769



53.4891, 0.3017, 0.2874



13.2789, 0.2989, 0.3048



3.1947, 0.1518, 0.0610



0.2342, 0.1569, 0.0638

Inverse Universe

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



55.8183, 0.3161, 0.2911



72.7185, 0.3168, 0.2841



68.3627, 0.3223, 0.3710



13.9220, 0.3146, 0.3071



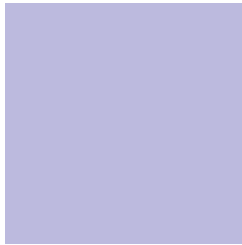
11.9897, 0.3350, 0.1619



0.8351, 0.3327, 0.1606

Previews

White Background



This preview shows how the Yxy color 51.0831, 0.2879, 0.2857 looks on a white background.

Color Contrast Check

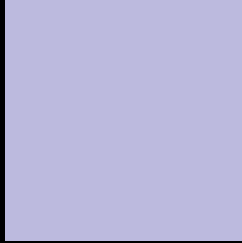
Large Text (above 18pt) WCAG AA × Fail

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 51.0831, 0.2879, 0.2857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

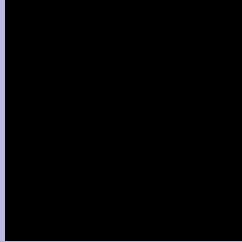
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.0831, 0.2879, 0.2857

Background



This preview shows how black text looks on a background with the Yxy color 51.0831, 0.2879, 0.2857.



This preview shows how white text looks on a background with the Yxy color 51.0831, 0.2879, 0.2857.

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

51.0831, 0.2879, 0.2857

Protanopia

51.2392, 0.2829, 0.2865

Deuteranopia

51.1783, 0.2909, 0.2848



Tritanopia

51.0691, 0.2984, 0.3103

Trichromacy



Original Color

51.0831, 0.2879, 0.2857

Protanomaly

51.0587, 0.2843, 0.2854

Deuteranomaly

51.0482, 0.2901, 0.2847

Tritanomaly

51.1087, 0.2941, 0.3007

Monochromacy



Original Color

51.0831, 0.2879, 0.2857

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.6066, 0.3038, 0.3130

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.0831, 0.2879, 0.2857 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(188, 186, 222)` looks like.

```
.text, #text, p{  
    color:rgb(188, 186, 222)  
}
```

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(188, 186, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 186, 222) }
```

Border

The CSS property to change the border of an element to Yxy 51.0831, 0.2879, 0.2857 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(188, 186, 222) }
```

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

```
.border{ border-color:rgb(188, 186, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 186, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 186, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 186, 222);  
box-shadow:4px 4px 4px 4px rgb(188, 186,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 51.0831, 0.2879, 0.2857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 186, 222) }
```

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

```
.background{ background-color: rgb(188,  
186, 222) }
```

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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