

Converting Colors

$Yxy(47.5553, 0.2878, 0.2863)$

Have a look what the booklet for
Yxy(47.5553, 0.2878, 0.2863)
contains.

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Color

Yxy(47.4939, 0.2879, 0.2856)

Conversions

Conversions Part 1

Format	Color
Hex	B6B4D7
RGB	182, 180, 215
RGB Percent	71%, 71%, 84%
CMY	0.2863, 0.2941, 0.1569
CMYK	0.15, 0.16, 0.00, 0.16
HSL	243°, 30%, 77%
HSV	243°, 16%, 84%
XYZ	47.8764, 47.4939, 70.9249
YIQ	184.5880, -10.0430, 11.3090

Conversions

Conversions Part 2

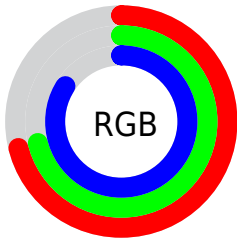
Format	Color
R_{YB}	182, 180, 215
Decimal	11973847
CIE Lab	74.50, 7.72, -17.33
CIE LCh	75, 18.972, 294.025
Yxy	47.4939, 0.2879, 0.2856
Android (android.graphics.Color)	4290163927 (0xFFB6B4D7)
YUV	184.5880, 14.9931, -2.2697
Hunter-Lab	68.9158, 3.4027, -12.7774

Details

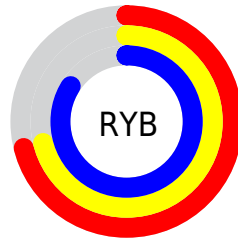
The Yxy color $47.4939, 0.2879, 0.2856$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $66.0358, 0.3355, 0.3694$, and the grayscale version is $48.1952, 0.3127, 0.3290$.

A 20% lighter version of the original color is $85.3880, 0.3025, 0.3101$, and $22.3839, 0.2812, 0.2738$ is the 20% darker color. If you saturate the color by 10%, you get $37.1856, 0.2700, 0.2547$, and if you desaturate by 10%, it is $59.5098, 0.3038, 0.3133$.

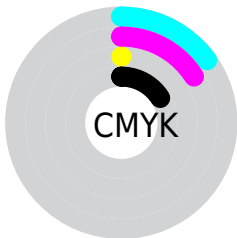
Distribution



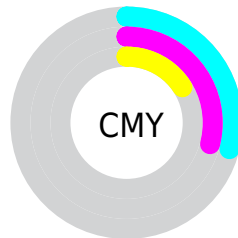
- Red (71%)
- Green (71%)
- Blue (84%)



- Red (71%)
- Yellow (71%)
- Blue (84%)



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



- Cyan (29%)
- Magenta (29%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.4939, 0.2879, 0.2856 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 47.4939, 0.2879, 0.2856 by changing the saturation by 10% instead.

■ 47.4939, 0.2879,
0.2856

■ 47.4939, 0.2879,
0.2856

376.7825, 0.3003,
0.3067

■ 33.4263, 0.2848,
0.2805

■ 86.4504, 0.2924,
0.2931

■ 22.4532, 0.2809,
0.2741

112.1080, 0.2941,
0.2960

■ 14.1903, 0.2756,
0.2657

142.3978, 0.2955,
0.2985

■ 8.2531, 0.2684,
0.2543

177.7041, 0.2968,
0.3006

■ 4.2573, 0.2577,
0.2381

218.4114, 0.2978,
0.3024

■ 1.8185, 0.2407,
0.2134

264.9039, 0.2988,

■ 0.4987, 0.2103,

0.3040

0.1583

317.5662, 0.2996,
0.3055

0.0000, 0.0000,
0.0000

47.4939, 0.2879,
0.2856

47.4939, 0.2879,
0.2856

37.1856, 0.2700,
0.2547

59.5098, 0.3038,
0.3133

28.5018, 0.2505,
0.2212

73.2997, 0.3177,
0.3377

21.3614, 0.2298,
0.1862

88.9335, 0.3296,
0.3590

15.6740, 0.2090,
0.1515

97.6857, 0.3364,
0.3681

11.3398, 0.1895,
0.1196

■ 8.2461, 0.1730,
0.0930

■ 6.2625, 0.1606,
0.0740

■ 5.2263, 0.1532,
0.0634

■ 4.9856, 0.1515,
0.0608

Harmonies

Analogous

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



47.4939, 0.2698, 0.2882



47.4939, 0.2879, 0.2856



47.4939, 0.3133, 0.2936

Triad

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



47.4939, 0.2879, 0.2856



47.4939, 0.3652, 0.3531



47.4939, 0.2857, 0.3488

Complementary

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



47.4939, 0.2879, 0.2856



66.0358, 0.3355, 0.3694

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.



47.4939, 0.3104, 0.3684



47.4939, 0.2879, 0.2856



47.4939, 0.3568, 0.3697

Square

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



47.4939, 0.2879, 0.2856



47.4939, 0.3588, 0.3314



47.4939, 0.3365, 0.3759



47.4939, 0.2686, 0.3238

Rectangle

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



47.4939, 0.2879, 0.2856



47.4939, 0.3311, 0.3038



47.4939, 0.3365, 0.3759



47.4939, 0.2934, 0.3563

Sweetspot

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



47.4959, 0.2879, 0.2856



89.9236, 0.3056, 0.3165



62.3185, 0.2881, 0.3268



18.9558, 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.



47.4959, 0.2879, 0.2856



63.6572, 0.2811, 0.2738



49.7268, 0.3017, 0.2873



12.0421, 0.2990, 0.3049



2.9973, 0.1519, 0.0611



0.1929, 0.1579, 0.0644

Inverse Universe

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



51.8945, 0.3162, 0.2911



71.4801, 0.3171, 0.2818



63.5923, 0.3223, 0.3711



12.6199, 0.3146, 0.3073



11.2187, 0.3356, 0.1623



0.6805, 0.3328, 0.1607

Previews

White Background



This preview shows how the Yxy color 47.4939, 0.2879, 0.2856 looks on a white background.

Color Contrast Check

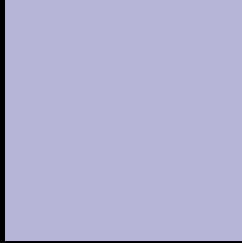
Large Text (above 18pt) WCAG AA × Fail

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 47.4939, 0.2879, 0.2856 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

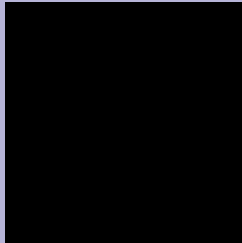
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.4939, 0.2879, 0.2856

Background



This preview shows how black text looks on a background with the Yxy color 47.4939, 0.2879, 0.2856.



This preview shows how white text looks on a background with the Yxy color 47.4939, 0.2879, 0.2856.

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

47.4939, 0.2879, 0.2856

Protanopia

47.6439, 0.2827, 0.2864

Deuteranopia

47.4608, 0.2902, 0.2846



Tritanopia

47.5279, 0.2980, 0.3098

Trichromacy



Original Color

47.4939, 0.2879, 0.2856

Protanomaly

47.4706, 0.2842, 0.2853

Deuteranomaly

47.3368, 0.2894, 0.2845

Tritanomaly

47.5188, 0.2943, 0.3011

Monochromacy



Original Color

47.4939, 0.2879, 0.2856

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.0428, 0.3035, 0.3125

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.4939, 0.2879, 0.2856 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, 180, 215)` looks like.

```
.text, #text, p{  
    color:rgb(182, 180, 215)  
}
```

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, 180, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 180, 215) }
```

Border

The CSS property to change the border of an element to Yxy 47.4939, 0.2879, 0.2856 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, 180, 215) }
```

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

```
.border{ border-color:rgb(182, 180, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 180, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 180, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 180, 215);  
box-shadow:4px 4px 4px 4px rgb(182, 180,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 47.4939, 0.2879, 0.2856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 180, 215) }
```

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

```
.background{ background-color: rgb(182,  
180, 215) }
```

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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