

Converting Colors

$Y_{xy}(49.2624, 0.2844, 0.2838)$

Have a look what the booklet for
Yxy(49.2624, 0.2844, 0.2838)
contains.

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Color

Yxy(49.3934, 0.2846, 0.2849)

Conversions

Conversions Part 1

Format	Color
Hex	B6B8DC
RGB	182, 184, 220
RGB Percent	71%, 72%, 86%
CMY	0.2864, 0.2784, 0.1373
CMYK	0.17, 0.16, 0.00, 0.14
HSL	237°, 35%, 79%
HSV	237°, 17%, 86%
XYZ	49.3414, 49.3934, 74.6362
YIQ	187.5060, -12.7480, 10.7720

Conversions

Conversions Part 2

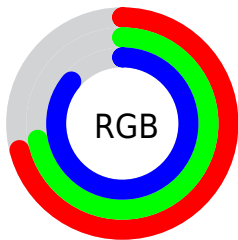
Format	Color
RYB	182, 184, 220
Decimal	11974876
CIELab	75.70, 6.61, -18.25
CIELCh	76, 19.408, 289.907
Yxy	49.3934, 0.2846, 0.2849
Android (android.graphics.Color)	4290164956 (0xFFB6B8DC)
YUV	187.5060, 16.0195, -4.8288
Hunter-Lab	70.2804, 2.3277, -13.7683

Details

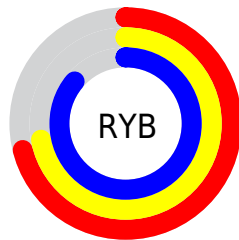
The Yxy color **49.3934, 0.2846, 0.2849** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **68.6968, 0.3390, 0.3696**, and the grayscale version is **49.9056, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.7173, 0.3025, 0.3141**, and **23.6163, 0.2771, 0.2731** is the 20% darker color. If you saturate the color by 10%, you get **38.9055, 0.2658, 0.2551**, and if you desaturate by 10%, it is **61.5776, 0.3016, 0.3116**.

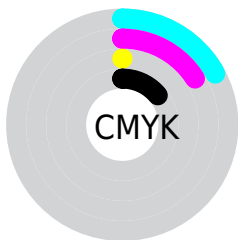
Distribution



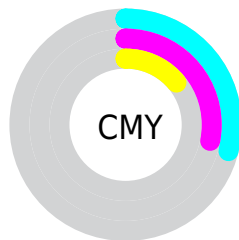
- Red (71%)
- Green (72%)
- Blue (86%)



- Red (71%)
- Yellow (72%)
- Blue (86%)



- Cyan (17%)
- Magenta (16%)
- Yellow (0%)
- Black (14%)



- Cyan (29%)
- Magenta (28%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.3934, 0.2846, 0.2849 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 49.3934, 0.2846, 0.2849 by changing the saturation by 10% instead.

■ 49.3934, 0.2846,
0.2849

■ 49.3934, 0.2846,
0.2849

384.2890, 0.2985,
0.3063

■ 34.9317, 0.2812,
0.2798

■ 89.2755, 0.2896,
0.2925

■ 23.6102, 0.2768,
0.2733

115.4646, 0.2915,
0.2954

■ 15.0447, 0.2711,
0.2650

146.3316, 0.2931,
0.2979

■ 8.8508, 0.2632,
0.2537

182.2609, 0.2945,
0.3000

■ 4.6440, 0.2519,
0.2378

223.6369, 0.2957,
0.3019

■ 2.0399, 0.2340,
0.2137

270.8440, 0.2968,

■ 0.6305, 0.2035,

0.3035

0.1687

324.2665, 0.2977,
0.3050

0.0000, 0.0000,
0.0000

49.3934, 0.2846,
0.2849

49.3934, 0.2846,
0.2849

38.9055, 0.2658,
0.2551

61.5776, 0.3016,
0.3116

30.0329, 0.2455,
0.2226

75.5221, 0.3166,
0.3350

22.6972, 0.2245,
0.1885

91.2953, 0.3298,
0.3554

16.8108, 0.2038,
0.1546

97.9468, 0.3334,
0.3631

12.2776, 0.1848,
0.1230

■ 8.9898, 0.1692,
0.0963

■ 6.8229, 0.1581,
0.0765

■ 5.6237, 0.1519,
0.0647

■ 5.4277, 0.1508,
0.0627

Harmonies

Analogous

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



49.3934, 0.2677, 0.2891



49.3934, 0.2846, 0.2849



49.3934, 0.3095, 0.2916

Triad

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



49.3934, 0.2846, 0.2849



49.3934, 0.3657, 0.3504



49.3934, 0.2885, 0.3522

Complementary

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



49.3934, 0.2846, 0.2849



68.6968, 0.3390, 0.3696

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.



49.3934, 0.3141, 0.3707



49.3934, 0.2846, 0.2849



49.3934, 0.3592, 0.3683

Square

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



49.3934, 0.2846, 0.2849



49.3934, 0.3573, 0.3283



49.3934, 0.3400, 0.3763



49.3934, 0.2699, 0.3272

Rectangle

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



49.3934, 0.2846, 0.2849



49.3934, 0.3277, 0.3012



49.3934, 0.3400, 0.3763



49.3934, 0.2966, 0.3595

Sweetspot

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



49.3954, 0.2846, 0.2849



90.2071, 0.3051, 0.3171



66.1550, 0.2883, 0.3319



19.0243, 0.3040, 0.3154



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.



49.3954, 0.2846, 0.2849



63.0525, 0.2775, 0.2737



50.6712, 0.2973, 0.2840



12.7297, 0.2981, 0.3061



3.2365, 0.1510, 0.0636



0.2504, 0.1540, 0.0744

Inverse Universe

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



52.1145, 0.3441, 0.3267



67.6199, 0.3529, 0.3261



67.3255, 0.3262, 0.3735



13.0629, 0.3283, 0.3278



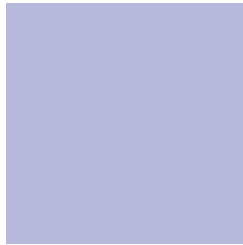
8.9505, 0.6339, 0.3266



0.5840, 0.6159, 0.3167

Previews

White Background



This preview shows how the Yxy color 49.3934, 0.2846, 0.2849 looks on a white background.

Color Contrast Check

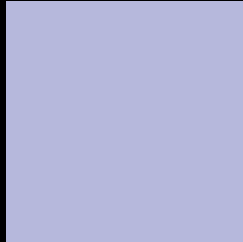
Large Text (above 18pt) WCAG AA × Fail

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 49.3934, 0.2846, 0.2849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

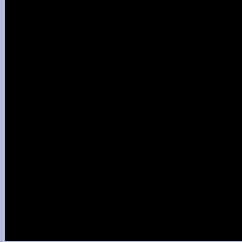
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.3934, 0.2846, 0.2849

Background



This preview shows how black text looks on a background with the Yxy color 49.3934, 0.2846, 0.2849.



This preview shows how white text looks on a background with the Yxy color 49.3934, 0.2846, 0.2849.

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

49.3934, 0.2846, 0.2849

Protanopia

49.5021, 0.2818, 0.2847

Deuteranopia

49.3146, 0.2891, 0.2830



Tritanopia

49.3886, 0.2951, 0.3100

Trichromacy



Original Color

49.3934, 0.2846, 0.2849

Protanomaly

49.6217, 0.2825, 0.2848

Deuteranomaly

49.4734, 0.2876, 0.2840

Tritanomaly

49.4246, 0.2909, 0.3002

Monochromacy



Original Color

49.3934, 0.2846, 0.2849

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.1499, 0.3021, 0.3127

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.3934, 0.2846, 0.2849 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, 184, 220)` looks like.

```
.text, #text, p{  
    color:rgb(182, 184, 220)  
}
```

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, 184, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 184, 220) }
```

Border

The CSS property to change the border of an element to Yxy 49.3934, 0.2846, 0.2849 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, 184, 220) }
```

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

```
.border{ border-color:rgb(182, 184, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 184, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 184, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 184, 220);  
box-shadow:4px 4px 4px 4px rgb(182, 184,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 49.3934, 0.2846, 0.2849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 184, 220) }
```

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

```
.background{ background-color: rgb(182,  
184, 220) }
```

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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