

Converting Colors

$Y_{xy}(49.2321, 0.2870, 0.2908)$

Have a look what the booklet for
Yxy(49.2321, 0.2870, 0.2908)
contains.

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Color

Yxy(49.4280, 0.2874, 0.2918)

Conversions

Conversions Part 1

Format	Color
Hex	B5B9D7
RGB	181, 185, 215
RGB Percent	71%, 73%, 84%
CMY	0.2900, 0.2746, 0.1568
CMYK	0.16, 0.14, 0.00, 0.16
HSL	233°, 30%, 78%
HSV	233°, 16%, 84%
XYZ	48.6827, 49.4280, 71.2793
YIQ	187.2240, -12.0140, 8.4820

Conversions

Conversions Part 2

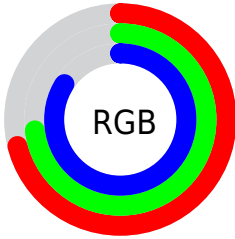
Format	Color
R_{YB}	181, 185, 215
Decimal	11909591
CIE _{Lab}	75.72, 4.72, -15.53
CIE _{LCh}	76, 16.228, 286.908
Yxy	49.4280, 0.2874, 0.2918
Android (android.graphics.Color)	4290099671 (0xFFB5B9D7)
YUV	187.2240, 13.6936, -5.4584
Hunter-Lab	70.3050, 0.5684, -10.8981

Details

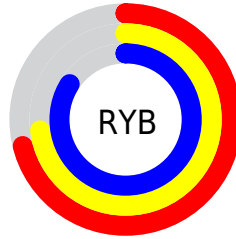
The Yxy color **49.4280, 0.2874, 0.2918** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **64.4249, 0.3370, 0.3637**, and the grayscale version is **49.7593, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.1351, 0.3018, 0.3151**, and **23.6298, 0.2807, 0.2823** is the 20% darker color. If you saturate the color by 10%, you get **39.5967, 0.2692, 0.2645**, and if you desaturate by 10%, it is **60.7286, 0.3039, 0.3162**.

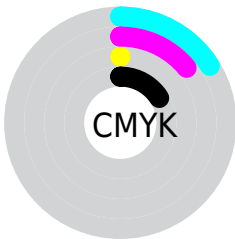
Distribution



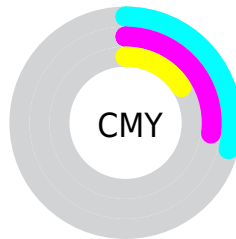
- Red (71%)
- Green (73%)
- Blue (84%)



- Red (71%)
- Yellow (73%)
- Blue (84%)



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



- Cyan (29%)
- Magenta (27%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.4280, 0.2874, 0.2918 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 49.4280, 0.2874, 0.2918 by changing the saturation by 10% instead.

■ 49.4280, 0.2874,
0.2918

■ 49.4280, 0.2874,
0.2918

384.4248, 0.2999,
0.3099

■ 34.9591, 0.2843,
0.2874

■ 89.3268, 0.2919,
0.2983

■ 23.6314, 0.2804,
0.2819

115.5255, 0.2936,
0.3007

■ 15.0604, 0.2752,
0.2747

146.4029, 0.2951,
0.3028

■ 8.8618, 0.2681,
0.2649

182.3435, 0.2963,
0.3046

■ 4.6511, 0.2578,
0.2510

223.7316, 0.2974,
0.3062

■ 2.0441, 0.2415,
0.2295

270.9515, 0.2983,

■ 0.6329, 0.2125,

0.3076

0.1877

324.3878, 0.2992,
0.3088

0.0000, 0.0000,
0.0000

49.4280, 0.2874,
0.2918

49.4280, 0.2874,
0.2918

39.5967, 0.2692,
0.2645

60.7286, 0.3039,
0.3162

31.1684, 0.2497,
0.2345

73.5491, 0.3187,
0.3377

24.0806, 0.2293,
0.2026

87.9454, 0.3318,
0.3564

18.2637, 0.2091,
0.1701

97.6875, 0.3363,
0.3681

13.6420, 0.1903,
0.1388

■ 10.1313, 0.1742,
0.1107

■ 7.6366, 0.1619,
0.0881

■ 6.0457, 0.1543,
0.0722

■ 5.5970, 0.1521,
0.0675

Harmonies

Analogous

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



49.4280, 0.2740, 0.2964



49.4280, 0.2874, 0.2918



49.4280, 0.3079, 0.2965

Triad

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



49.4280, 0.2874, 0.2918



49.4280, 0.3568, 0.3455



49.4280, 0.2945, 0.3502

Complementary

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



49.4280, 0.2874, 0.2918



64.4249, 0.3370, 0.3637

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.



49.4280, 0.3163, 0.3646



49.4280, 0.2874, 0.2918



49.4280, 0.3527, 0.3609

Square

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



49.4280, 0.2874, 0.2918



49.4280, 0.3485, 0.3267



49.4280, 0.3376, 0.3683



49.4280, 0.2780, 0.3298

Rectangle

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



49.4280, 0.2874, 0.2918



49.4280, 0.3231, 0.3041



49.4280, 0.3376, 0.3683



49.4280, 0.3014, 0.3559

Sweetspot

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



49.4300, 0.2874, 0.2918



90.6772, 0.3051, 0.3179



63.1494, 0.2914, 0.3337



19.1381, 0.3040, 0.3163



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.



49.4300, 0.2874, 0.2918



67.5841, 0.2814, 0.2829



49.4583, 0.2975, 0.2881



12.2377, 0.2981, 0.3077



3.4263, 0.1525, 0.0689



0.2858, 0.1587, 0.0913

Inverse Universe

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



51.0239, 0.3390, 0.3244



70.4291, 0.3460, 0.3234



64.5081, 0.3263, 0.3692



12.4439, 0.3273, 0.3263



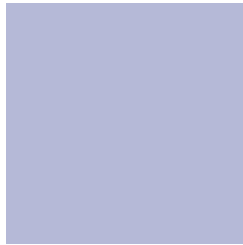
8.6907, 0.6251, 0.3217



0.5322, 0.5892, 0.3019

Previews

White Background



This preview shows how the Yxy color 49.4280, 0.2874, 0.2918 looks on a white background.

Color Contrast Check

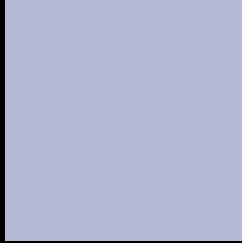
Large Text (above 18pt) WCAG AA × Fail

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 49.4280, 0.2874, 0.2918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

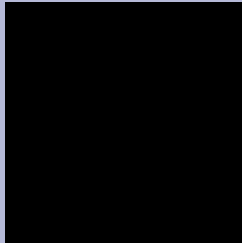
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

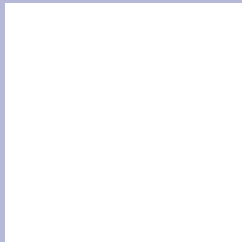
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.4280, 0.2874, 0.2918

Background



This preview shows how black text looks on a background with the Yxy color 49.4280, 0.2874, 0.2918.



This preview shows how white text looks on a background with the Yxy color 49.4280, 0.2874, 0.2918.

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

49.4280, 0.2874, 0.2918

Protanopia

49.4280, 0.2874, 0.2918

Deuteranopia

49.4901, 0.2943, 0.2878



Tritanopia

49.3886, 0.2951, 0.3100

Trichromacy



Original Color

49.4280, 0.2874, 0.2918

Protanomaly

49.4280, 0.2874, 0.2918

Deuteranomaly

49.3896, 0.2912, 0.2887

Tritanomaly

49.3261, 0.2923, 0.3026

Monochromacy



Original Color

49.4280, 0.2874, 0.2918

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.4633, 0.3035, 0.3151

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.4280, 0.2874, 0.2918 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(181, 185, 215)` looks like.

```
.text, #text, p{  
    color:rgb(181, 185, 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(181, 185, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 185, 215) }
```

Border

The CSS property to change the border of an element to Yxy 49.4280, 0.2874, 0.2918 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(181, 185, 215) }
```

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

```
.border{ border-color:rgb(181, 185, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 185, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 185, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 185, 215);  
box-shadow:4px 4px 4px 4px rgb(181, 185,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 49.4280, 0.2874, 0.2918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 185, 215) }
```

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

```
.background{ background-color: rgb(181,  
185, 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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