

Converting Colors

Yxy(52.4434, 0.2865, 0.2949)

Have a look what the booklet for
Yxy(52.4434, 0.2865, 0.2949)
contains.

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Color

Yxy(52.4434, 0.2865, 0.2949)

Conversions

Conversions Part 1

Format	Color
Hex	B7BFDB
RGB	183, 191, 219
RGB Percent	72%, 75%, 86%
CMY	0.2822, 0.2510, 0.1412
CMYK	0.16, 0.13, 0.00, 0.14
HSL	227°, 33%, 79%
HSV	227°, 16%, 86%
XYZ	50.9496, 52.4434, 74.4415
YIQ	191.8000, -13.7560, 7.0120

Conversions

Conversions Part 2

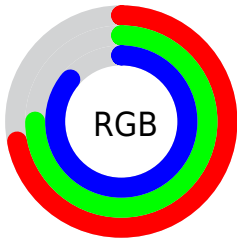
Format	Color
R _Y B	183, 190, 219
Decimal	12042203
CIE Lab	77.55, 2.95, -14.91
CIE LCh	78, 15.195, 281.211
Yxy	52.4434, 0.2865, 0.2949
Android (android.graphics.Color)	4290232283 (0xFFB7BFDB)
YUV	191.8000, 13.4096, -7.7176
Hunter-Lab	72.4178, -1.1474, -10.2544

Details

The Yxy color **52.4434, 0.2865, 0.2949** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **65.0772, 0.3387, 0.3609**, and the grayscale version is **52.5197, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.0923, 0.3030, 0.3211**, and **25.6031, 0.2798, 0.2866** is the 20% darker color. If you saturate the color by 10%, you get **42.9569, 0.2688, 0.2708**, and if you desaturate by 10%, it is **63.2176, 0.3029, 0.3165**.

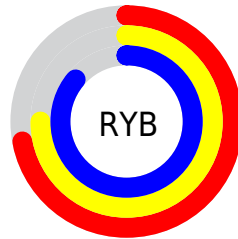
Distribution



Red (72%)

Green (75%)

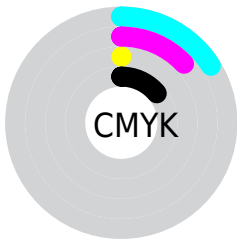
Blue (86%)



Red (72%)

Yellow (75%)

Blue (86%)

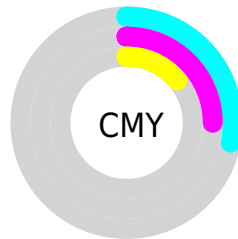


Cyan (16%)

Magenta (13%)

Yellow (0%)

Black (14%)



Cyan (28%)

Magenta (25%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.4434, 0.2865, 0.2949 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 52.4434, 0.2865, 0.2949 by changing the saturation by 10% instead.

■ 52.4434, 0.2865,
0.2949

■ 52.4434, 0.2865,
0.2949

■ 396.1460, 0.2993,
0.3114

■ 37.3586, 0.2834,
0.2909

■ 93.7848, 0.2911,
0.3008

■ 25.4853, 0.2795,
0.2860

■ 120.8103, 0.2928,
0.3030

■ 16.4390, 0.2743,
0.2795

■ 152.5847, 0.2943,
0.3049

■ 9.8353, 0.2674,
0.2708

■ 189.4926, 0.2956,
0.3066

■ 5.2899, 0.2573,
0.2584

■ 231.9183, 0.2967,
0.3080

■ 2.4183, 0.2418,
0.2395

■ 280.2461, 0.2977,

■ 0.8353, 0.2150,

0.3093

0.2074

334.8606, 0.2985,
0.3104

0.0000, 0.0000,
0.0000

52.4434, 0.2865,
0.2949

52.4434, 0.2865,
0.2949

42.9569, 0.2688,
0.2708

63.2176, 0.3029,
0.3165

34.7029, 0.2500,
0.2443

75.3191, 0.3179,
0.3356

27.6314, 0.2308,
0.2160

88.7940, 0.3314,
0.3522

21.6868, 0.2118,
0.1867

97.8935, 0.3340,
0.3641

16.8083, 0.1941,
0.1576

■ 12.9296, 0.1787,
0.1303

■ 9.9758, 0.1666,
0.1065

■ 7.8591, 0.1584,
0.0875

■ 7.2678, 0.1561,
0.0818

Harmonies

Analogous

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



52.4434, 0.2757, 0.3009



52.4434, 0.2865, 0.2949



52.4434, 0.3045, 0.2976

Triad

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



52.4434, 0.2865, 0.2949



52.4434, 0.3525, 0.3411



52.4434, 0.2996, 0.3515

Complementary

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



52.4434, 0.2865, 0.2949



65.0772, 0.3387, 0.3609

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.



52.4434, 0.3200, 0.3630



52.4434, 0.2865, 0.2949



52.4434, 0.3509, 0.3561

Square

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



52.4434, 0.2865, 0.2949



52.4434, 0.3430, 0.3236



52.4434, 0.3389, 0.3645



52.4434, 0.2831, 0.3335

Rectangle

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



52.4434, 0.2865, 0.2949



52.4434, 0.3183, 0.3038



52.4434, 0.3389, 0.3645



52.4434, 0.3062, 0.3563

Sweetspot

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



52.4456, 0.2865, 0.2949



91.4907, 0.3051, 0.3193



65.4081, 0.2931, 0.3389



19.3351, 0.3040, 0.3178



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.



52.4456, 0.2865, 0.2949



68.8078, 0.2800, 0.2861



50.2838, 0.2935, 0.2859



13.0825, 0.2981, 0.3102



4.4444, 0.1567, 0.0840



0.4171, 0.1652, 0.1145

Inverse Universe

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



52.7010, 0.3371, 0.3198



69.3671, 0.3440, 0.3176



67.6871, 0.3300, 0.3705



13.0985, 0.3257, 0.3238



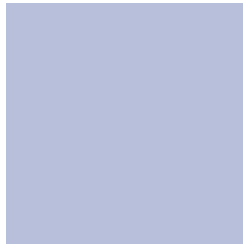
9.0724, 0.6005, 0.3082



0.6008, 0.5544, 0.2828

Previews

White Background



This preview shows how the Yxy color 52.4434, 0.2865, 0.2949 looks on a white background.

Color Contrast Check

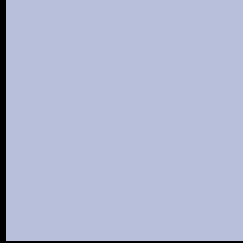
Large Text (above 18pt) WCAG AA × Fail

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 52.4434, 0.2865, 0.2949 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

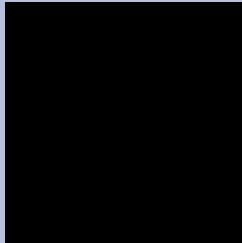
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.4434, 0.2865, 0.2949

Background



This preview shows how black text looks on a background with the Yxy color 52.4434, 0.2865, 0.2949.



This preview shows how white text looks on a background with the Yxy color 52.4434, 0.2865, 0.2949.

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

52.4434, 0.2865, 0.2949

Protanopia

52.4537, 0.2901, 0.2951

Deuteranopia

52.5783, 0.2962, 0.2900



Tritanopia

52.5178, 0.2926, 0.3103

Trichromacy



Original Color

52.4434, 0.2865, 0.2949

Protanomaly

52.3280, 0.2893, 0.2950

Deuteranomaly

52.3402, 0.2924, 0.2907

Tritanomaly

52.3978, 0.2905, 0.3043

Monochromacy



Original Color

52.4434, 0.2865, 0.2949

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.7824, 0.3030, 0.3167

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.4434, 0.2865, 0.2949 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(183, 191, 219)` looks like.

```
.text, #text, p{  
    color:rgb(183, 191, 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(183, 191, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 191, 219) }
```

Border

The CSS property to change the border of an element to Yxy 52.4434, 0.2865, 0.2949 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(183, 191, 219) }
```

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

```
.border{ border-color:rgb(183, 191, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 191, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 191, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 191, 219);  
box-shadow:4px 4px 4px 4px rgb(183, 191,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 52.4434, 0.2865, 0.2949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 191, 219) }
```

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

```
.background{ background-color: rgb(183,  
191, 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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