

Converting Colors

$Yxy(49.6783, 0.2957, 0.3051)$

Have a look what the booklet for
Yxy(49.6783, 0.2957, 0.3051)
contains.

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Color

Yxy(49.5929, 0.2961, 0.3052)

Conversions

Conversions Part 1

Format	Color
Hex	B7BACD
RGB	183, 186, 205
RGB Percent	72%, 73%, 80%
CMY	0.2822, 0.2706, 0.1961
CMYK	0.11, 0.09, 0.00, 0.20
HSL	232°, 18%, 76%
HSV	232°, 11%, 80%
XYZ	48.1142, 49.5929, 64.7860
YIQ	187.2690, -7.8870, 5.2730

Conversions

Conversions Part 2

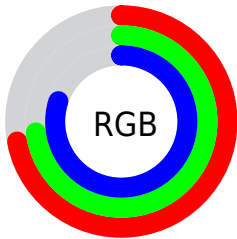
Format	Color
RYB	183, 186, 205
Decimal	12040909
CIELab	75.82, 2.72, -9.91
CIELCh	76, 10.275, 285.336
Yxy	49.5929, 0.2961, 0.3052
Android (android.graphics.Color)	4290230989 (0xFFB7BACD)
YUV	187.2690, 8.7414, -3.7439
Hunter-Lab	70.4222, -1.2833, -5.2492

Details

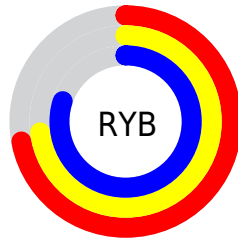
The Yxy color `49.5929, 0.2961, 0.3052` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `58.6619, 0.3289, 0.3517`, and the grayscale version is `49.8114, 0.3127, 0.3290`.

A 20% lighter version of the original color is `89.0750, 0.3031, 0.3161`, and `23.7552, 0.2913, 0.2985` is the 20% darker color. If you saturate the color by 10%, you get `40.2408, 0.2789, 0.2800`, and if you desaturate by 10%, it is `60.2444, 0.3117, 0.3275`.

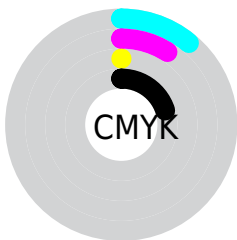
Distribution



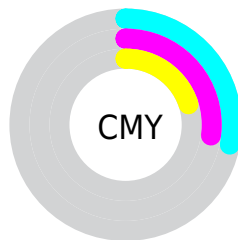
- Red (72%)
- Green (73%)
- Blue (80%)



- Red (72%)
- Yellow (73%)
- Blue (80%)



- Cyan (11%)
- Magenta (9%)
- Yellow (0%)
- Black (20%)



- Cyan (28%)
- Magenta (27%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.5929, 0.2961, 0.3052 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 49.5929, 0.2961, 0.3052 by changing the saturation by 10% instead.

■ 49.5929, 0.2961,
0.3052

■ 49.5929, 0.2961,
0.3052

385.0718, 0.3043,
0.3169

■ 35.0900, 0.2941,
0.3024

■ 89.5714, 0.2991,
0.3094

■ 23.7322, 0.2915,
0.2987

115.8158, 0.3002,
0.3110

■ 15.1351, 0.2881,
0.2940

146.7429, 0.3011,
0.3123

■ 8.9143, 0.2833,
0.2875

182.7370, 0.3020,
0.3135

■ 4.6853, 0.2764,
0.2781

224.1826, 0.3027,
0.3145

■ 2.0638, 0.2653,
0.2632

271.4640, 0.3033,

■ 0.6442, 0.2438,

0.3154

0.2314

324.9656, 0.3038,
0.3162

0.0000, 0.0000,
0.0000

49.5929, 0.2961,
0.3052

49.5929, 0.2961,
0.3052

40.2408, 0.2789,
0.2800

60.2444, 0.3117,
0.3275

32.1320, 0.2601,
0.2520

72.2360, 0.3256,
0.3471

25.2160, 0.2403,
0.2217

85.6144, 0.3379,
0.3641

19.4359, 0.2202,
0.1900

97.1872, 0.3424,
0.3780

14.7303, 0.2007,
0.1584

■ 11.0321, 0.1832,
0.1286

■ 8.2661, 0.1688,
0.1027

■ 6.3465, 0.1586,
0.0826

■ 5.2133, 0.1527,
0.0697

Harmonies

Analogous

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



49.5929, 0.2877, 0.3087



49.5929, 0.2961, 0.3052



49.5929, 0.3091, 0.3078

Triad

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



49.5929, 0.2961, 0.3052



49.5929, 0.3403, 0.3392



49.5929, 0.3019, 0.3429

Complementary

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



49.5929, 0.2961, 0.3052



58.6619, 0.3289, 0.3517

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.



49.5929, 0.3159, 0.3515



49.5929, 0.2961, 0.3052



49.5929, 0.3383, 0.3490

Square

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



49.5929, 0.2961, 0.3052



49.5929, 0.3348, 0.3271



49.5929, 0.3292, 0.3536



49.5929, 0.2910, 0.3304

Rectangle

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



49.5929, 0.2961, 0.3052



49.5929, 0.3186, 0.3126



49.5929, 0.3292, 0.3536



49.5929, 0.3064, 0.3463

Sweetspot

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



49.5950, 0.2961, 0.3052



94.4238, 0.3082, 0.3226



57.9806, 0.2986, 0.3330



19.8989, 0.3070, 0.3208



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.



49.5950, 0.2961, 0.3052



77.2786, 0.2920, 0.2993



49.3364, 0.3022, 0.3020



11.0824, 0.2982, 0.3083



3.3263, 0.1531, 0.0712



0.2529, 0.1610, 0.0994

Inverse Universe

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



50.4102, 0.3291, 0.3255



78.9300, 0.3335, 0.3246



58.9904, 0.3225, 0.3556



11.2377, 0.3269, 0.3259



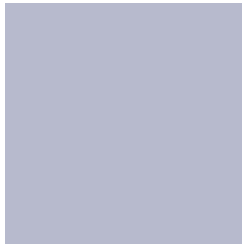
8.1388, 0.6212, 0.3196



0.4281, 0.5768, 0.2951

Previews

White Background



This preview shows how the Yxy color 49.5929, 0.2961, 0.3052 looks on a white background.

Color Contrast Check

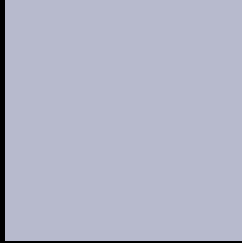
Large Text (above 18pt) WCAG AA × Fail

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 49.5929, 0.2961, 0.3052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

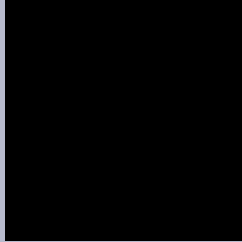
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

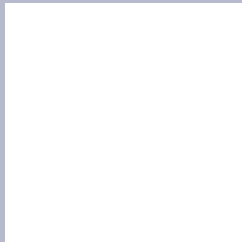
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.5929, 0.2961, 0.3052

Background



This preview shows how black text looks on a background with the Yxy color 49.5929, 0.2961, 0.3052.



This preview shows how white text looks on a background with the Yxy color 49.5929, 0.2961, 0.3052.

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

49.5929, 0.2961, 0.3052

Protanopia

49.4200, 0.2976, 0.3040

Deuteranopia

49.6479, 0.3058, 0.2998



Tritanopia

49.7028, 0.2982, 0.3113

Trichromacy



Original Color

49.5929, 0.2961, 0.3052

Protanomaly

49.2960, 0.2968, 0.3040

Deuteranomaly

49.3996, 0.3017, 0.3007

Tritanomaly

49.7500, 0.2975, 0.3101

Monochromacy



Original Color

49.5929, 0.2961, 0.3052

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.8748, 0.3066, 0.3202

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.5929, 0.2961, 0.3052 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, 186, 205)` looks like.

```
.text, #text, p{  
    color:rgb(183, 186, 205)  
}
```

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, 186, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 186, 205) }
```

Border

The CSS property to change the border of an element to Yxy 49.5929, 0.2961, 0.3052 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, 186, 205) }
```

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

```
.border{ border-color:rgb(183, 186, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 186, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 186, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 186, 205);  
box-shadow:4px 4px 4px 4px rgb(183, 186,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 49.5929, 0.2961, 0.3052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 186, 205) }
```

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

```
.background{ background-color: rgb(183,  
186, 205) }
```

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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