

Converting Colors

$Y_{xy}(41.3359, 0.2946, 0.2766)$

Have a look what the booklet for
Yxy(41.3359, 0.2946, 0.2766)
contains.

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Color

Yxy(41.4338, 0.2949, 0.2769)

Conversions

Conversions Part 1

Format	Color
Hex	B7A5CE
RGB	183, 165, 206
RGB Percent	72%, 65%, 81%
CMY	0.2823, 0.3529, 0.1921
CMYK	0.11, 0.20, 0.00, 0.19
HSL	266°, 30%, 73%
HSV	266°, 20%, 81%
XYZ	44.1272, 41.4338, 64.0735
YIQ	175.0560, -2.4330, 16.5670

Conversions

Conversions Part 2

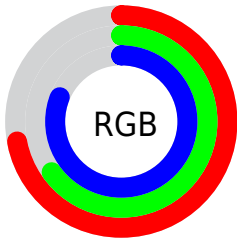
Format	Color
R _Y B	183, 165, 206
Decimal	12035534
CIE Lab	70.48, 14.41, -18.50
CIE LCh	70, 23.447, 307.918
Yxy	41.4338, 0.2949, 0.2769
Android (android.graphics.Color)	4290225614 (0xFFB7A5CE)
YUV	175.0560, 15.2554, 6.9669
Hunter-Lab	64.3691, 9.7220, -13.9594

Details

The Yxy color $41.4338, 0.2949, 0.2769$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $57.5584, 0.3280, 0.3805$, and the grayscale version is $42.8225, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.7571, 0.3033, 0.2938$, and $18.8231, 0.2892, 0.2620$ is the 20% darker color. If you saturate the color by 10%, you get $33.2334, 0.2839, 0.2478$, and if you desaturate by 10%, it is $50.9510, 0.3045, 0.3042$.

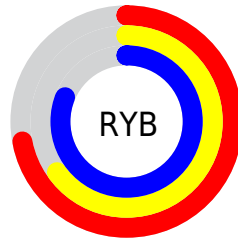
Distribution



Red (72%)

Green (65%)

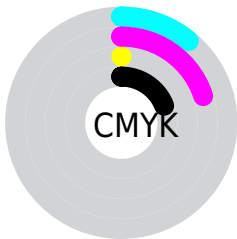
Blue (81%)



Red (72%)

Yellow (65%)

Blue (81%)

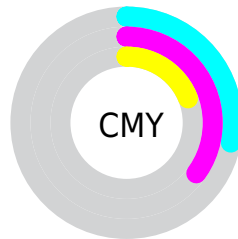


Cyan (11%)

Magenta (20%)

Yellow (0%)

Black (19%)



Cyan (28%)


Magenta (35%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.4338, 0.2949, 0.2769 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 41.4338, 0.2949, 0.2769 by changing the saturation by 10% instead.


 41.4338, 0.2949,
0.2769

 41.4338, 0.2949,
0.2769


352.1304, 0.3042,
0.3026

 28.6582, 0.2925,
0.2706


 77.3420, 0.2984,
0.2861

 18.8224, 0.2893,
0.2627


 101.2434, 0.2997,
0.2896

 11.5420, 0.2849,
0.2523


129.6221, 0.3007,
0.2926

 6.4327, 0.2787,
0.2380

162.8626, 0.3016,
0.2951

 3.1099, 0.2690,
0.2176

201.3493, 0.3024,
0.2973

 1.1894, 0.2524,
0.1859

245.4666, 0.3031,

 0.0530, 0.2162,

0.2993

0.0285

295.5988, 0.3037,
0.3010

0.0000, 0.0000,
0.0000

41.4338, 0.2949,
0.2769

41.4338, 0.2949,
0.2769

33.2334, 0.2839,
0.2478

50.9510, 0.3045,
0.3042

26.2847, 0.2715,
0.2175

61.8360, 0.3128,
0.3292

20.5246, 0.2579,
0.1871

74.1431, 0.3198,
0.3519

15.8823, 0.2435,
0.1580

87.9223, 0.3257,
0.3723

12.2792, 0.2289,
0.1316

94.6397, 0.3324,
0.3785

■ 9.6262, 0.2148,
0.1097

■ 96.7356, 0.3400,
0.3773

■ 7.8179, 0.2018,
0.0934

■ 97.2370, 0.3418,
0.3770

■ 6.6637, 0.1904,
0.0823

■ 6.6543, 0.1903,
0.0822

Harmonies

Analogous

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



41.4338, 0.2668, 0.2735



41.4338, 0.2949, 0.2769



41.4338, 0.3294, 0.2924

Triad

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



41.4338, 0.2949, 0.2769



41.4338, 0.3778, 0.3706



41.4338, 0.2661, 0.3396

Complementary

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



41.4338, 0.2949, 0.2769



57.5584, 0.3280, 0.3805

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.



41.4338, 0.2939, 0.3703



41.4338, 0.2949, 0.2769



41.4338, 0.3587, 0.3874

Square

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



41.4338, 0.2949, 0.2769



41.4338, 0.3788, 0.3446



41.4338, 0.3278, 0.3882



41.4338, 0.2509, 0.3075

Rectangle

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



41.4338, 0.2949, 0.2769



41.4338, 0.3513, 0.3078



41.4338, 0.3278, 0.3882



41.4338, 0.2742, 0.3506

Sweetspot

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



41.4355, 0.2949, 0.2769



89.0324, 0.3078, 0.3140



48.5260, 0.2817, 0.3059



18.8118, 0.3073, 0.3124



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.



41.4355, 0.2949, 0.2769



61.0359, 0.2902, 0.2643



44.1029, 0.3126, 0.2796



11.0810, 0.3050, 0.3055



4.1522, 0.1918, 0.0831



0.2589, 0.2142, 0.0954

Inverse Universe

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



43.6649, 0.3307, 0.3009



65.3630, 0.3355, 0.2944



55.1622, 0.3122, 0.3831



11.3173, 0.3204, 0.3161



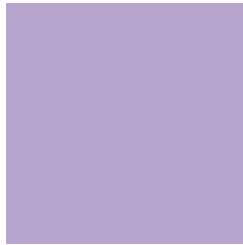
8.8696, 0.4688, 0.2356



0.4727, 0.4322, 0.2155

Previews

White Background



This preview shows how the Yxy color 41.4338, 0.2949, 0.2769 looks on a white background.

Color Contrast Check

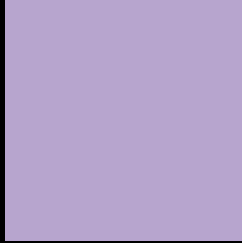
Large Text (above 18pt) WCAG AA × Fail

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 41.4338, 0.2949, 0.2769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

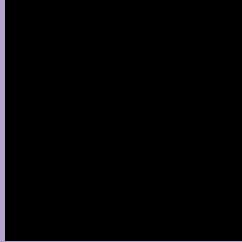
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.4338, 0.2949, 0.2769

Background



This preview shows how black text looks on a background with the Yxy color 41.4338, 0.2949, 0.2769.



This preview shows how white text looks on a background with the Yxy color 41.4338, 0.2949, 0.2769.

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

41.4338, 0.2949, 0.2769

Protanopia

41.6715, 0.2767, 0.2778

Deuteranopia

41.2973, 0.2873, 0.2808



Tritanopia

41.3370, 0.3108, 0.3117

Trichromacy



Original Color

41.4338, 0.2949, 0.2769

Protanomaly

41.6373, 0.2828, 0.2771

Deuteranomaly

41.3923, 0.2906, 0.2800

Tritanomaly

41.4702, 0.3043, 0.2988

Monochromacy



Original Color

41.4338, 0.2949, 0.2769

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.1360, 0.3066, 0.3091

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.4338, 0.2949, 0.2769 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, 165, 206)` looks like.

```
.text, #text, p{  
    color:rgb(183, 165, 206)  
}
```

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, 165, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 165, 206) }
```

Border

The CSS property to change the border of an element to Yxy 41.4338, 0.2949, 0.2769 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, 165, 206) }
```

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

```
.border{ border-color:rgb(183, 165, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 165, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 165, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 165, 206);  
box-shadow:4px 4px 4px 4px rgb(183, 165,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 41.4338, 0.2949, 0.2769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 165, 206) }
```

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

```
.background{ background-color: rgb(183,  
165, 206) }
```

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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