

Converting Colors

$Y_{xy}(44.2331, 0.3001, 0.2853)$

Have a look what the booklet for
Yxy(44.2331, 0.3001, 0.2853)
contains.

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Color

Yxy(44.4009, 0.3001, 0.2854)

Conversions

Conversions Part 1

Format	Color
Hex	BDABCE
RGB	189, 171, 206
RGB Percent	74%, 67%, 81%
CMY	0.2588, 0.3294, 0.1923
CMYK	0.08, 0.17, 0.00, 0.19
HSL	271°, 26%, 74%
HSV	271°, 17%, 81%
XYZ	46.6878, 44.4009, 64.4855
YIQ	180.3720, -0.5070, 14.7010

Conversions

Conversions Part 2

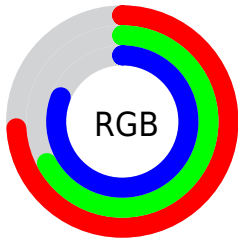
Format	Color
RYB	189, 171, 206
Decimal	12430286
CIELab	72.50, 13.06, -15.38
CIELCh	72, 20.178, 310.348
Yxy	44.4009, 0.3001, 0.2854
Android (android.graphics.Color)	4290620366 (0xFFBDABCE)
YUV	180.3720, 12.6346, 7.5668
Hunter-Lab	66.6340, 8.4585, -10.7345

Details

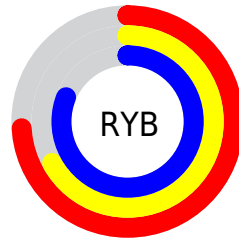
The Yxy color $44.4009, 0.3001, 0.2854$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $57.7596, 0.3237, 0.3728$, and the grayscale version is $45.7839, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.0252, 0.3073, 0.3003$, and $20.6115, 0.2953, 0.2734$ is the 20% darker color. If you saturate the color by 10%, you get $35.9833, 0.2910, 0.2573$, and if you desaturate by 10%, it is $54.1229, 0.3079, 0.3118$.

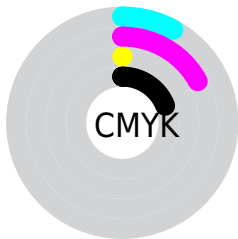
Distribution



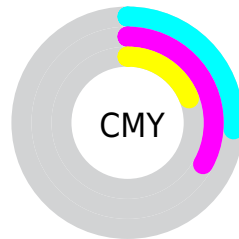
- Red (74%)
- Green (67%)
- Blue (81%)



- Red (74%)
- Yellow (67%)
- Blue (81%)



- Cyan (8%)
- Magenta (17%)
- Yellow (0%)
- Black (19%)




- Cyan (26%)
- Magenta (33%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.4009, 0.3001, 0.2854 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 44.4009, 0.3001, 0.2854 by changing the saturation by 10% instead.


 44.4009, 0.3001,
0.2854

 44.4009, 0.3001,
0.2854


364.3417, 0.3067,
0.3067

 30.9858, 0.2984,
0.2802


 81.8207, 0.3025,
0.2930

 20.5880, 0.2962,
0.2737

106.5941, 0.3034,
0.2959

 12.8232, 0.2932,
0.2651


135.9225, 0.3042,
0.2984

 7.3069, 0.2888,
0.2534

170.1901, 0.3048,
0.3005

 3.6548, 0.2822,
0.2365

209.7815, 0.3054,
0.3024

 1.4824, 0.2709,
0.2104

255.0810, 0.3059,

 0.2763, 0.2534,

0.3040

0.1204

306.4729, 0.3063,
0.3055

0.0000, 0.0000,
0.0000

44.4009, 0.3001,
0.2854

44.4009, 0.3001,
0.2854

35.9833, 0.2910,
0.2573

54.1229, 0.3079,
0.3118

28.8066, 0.2807,
0.2280

65.1977, 0.3146,
0.3361

22.8107, 0.2692,
0.1985

77.6782, 0.3202,
0.3583

17.9276, 0.2569,
0.1701

91.6125, 0.3249,
0.3782

14.0827, 0.2440,
0.1440

94.3231, 0.3312,
0.3787

■ 11.1913, 0.2312,
0.1219

■ 96.1113, 0.3378,
0.3777

■ 9.1551, 0.2189,
0.1047

■ 97.2350, 0.3418,
0.3771

■ 7.8437, 0.2077,
0.0930

■ 7.5201, 0.2045,
0.0900

Harmonies

Analogous

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



44.4009, 0.2755, 0.2817



44.4009, 0.3001, 0.2854



44.4009, 0.3292, 0.2994

Triad

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



44.4009, 0.3001, 0.2854



44.4009, 0.3667, 0.3659



44.4009, 0.2719, 0.3358

Complementary

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



44.4009, 0.3001, 0.2854



57.7596, 0.3237, 0.3728

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.



44.4009, 0.2949, 0.3616



44.4009, 0.3001, 0.2854



44.4009, 0.3498, 0.3787

Square

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



44.4009, 0.3001, 0.2854



44.4009, 0.3687, 0.3445



44.4009, 0.3233, 0.3777



44.4009, 0.2598, 0.3093

Rectangle

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



44.4009, 0.3001, 0.2854



44.4009, 0.3472, 0.3129



44.4009, 0.3233, 0.3777



44.4009, 0.2785, 0.3450

Sweetspot

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



44.4028, 0.3001, 0.2854



90.9785, 0.3093, 0.3166



49.2902, 0.2862, 0.3066



19.2115, 0.3088, 0.3148



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.



44.4028, 0.3001, 0.2854



67.2701, 0.2973, 0.2764



46.7016, 0.3147, 0.2873



11.1231, 0.3062, 0.3056



4.6899, 0.2060, 0.0908



0.2870, 0.2272, 0.1025

Inverse Universe

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



45.8764, 0.3299, 0.3083



70.0889, 0.3339, 0.3041



55.7299, 0.3106, 0.3745



11.3029, 0.3215, 0.3178



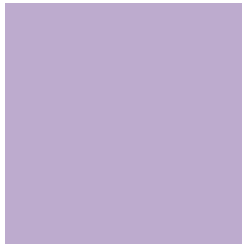
8.6657, 0.5004, 0.2530



0.4624, 0.4562, 0.2287

Previews

White Background



This preview shows how the Yxy color 44.4009, 0.3001, 0.2854 looks on a white background.

Color Contrast Check

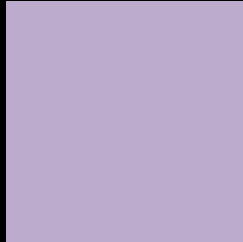
Large Text (above 18pt) WCAG AA × Fail

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 44.4009, 0.3001, 0.2854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

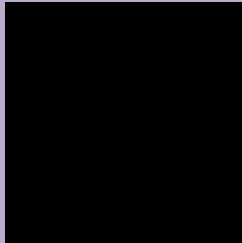
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.4009, 0.3001, 0.2854

Background



This preview shows how black text looks on a background with the Yxy color 44.4009, 0.3001, 0.2854.



This preview shows how white text looks on a background with the Yxy color 44.4009, 0.3001, 0.2854.

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

44.4009, 0.3001, 0.2854

Protanopia

44.3617, 0.2826, 0.2852

Deuteranopia

44.2400, 0.2950, 0.2884



Tritanopia

44.3420, 0.3118, 0.3110

Trichromacy



Original Color

44.4009, 0.3001, 0.2854

Protanomaly

44.3405, 0.2888, 0.2845

Deuteranomaly

44.2271, 0.2975, 0.2874

Tritanomaly

44.3921, 0.3071, 0.3010

Monochromacy



Original Color

44.4009, 0.3001, 0.2854

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.1857, 0.3083, 0.3135

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.4009, 0.3001, 0.2854 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(189, 171, 206)` looks like.

```
.text, #text, p{  
    color:rgb(189, 171, 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(189, 171, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 171, 206) }
```

Border

The CSS property to change the border of an element to Yxy 44.4009, 0.3001, 0.2854 is called "border". The border property can be set on classes, ids or directly on the HTML element.

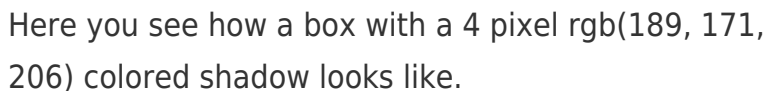
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(189, 171, 206) }
```

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

```
.border{ border-color:rgb(189, 171, 206) }
```

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



Here you see how a box with a 4 pixel `rgb(189, 171, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 171, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 171, 206); box-shadow:4px 4px 4px 4px rgb(189, 171, 206) }
```


Background

The CSS property to change the background color of an element to Yxy 44.4009, 0.3001, 0.2854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 171, 206) }
```

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

```
.background{ background-color: rgb(189,  
171, 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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