

Converting Colors

$Yxy(43.0664, 0.2998, 0.2862)$

Have a look what the booklet for
Yxy(43.0664, 0.2998, 0.2862)
contains.

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Color

Yxy(43.1268, 0.2999, 0.2860)

Conversions

Conversions Part 1

Format	Color
Hex	BAA9CB
RGB	186, 169, 203
RGB Percent	73%, 66%, 80%
CMY	0.2705, 0.3373, 0.2039
CMYK	0.08, 0.17, 0.00, 0.20
HSL	270°, 25%, 73%
HSV	270°, 17%, 80%
XYZ	45.2228, 43.1268, 62.4434
YIQ	177.9590, -0.7820, 14.1780

Conversions

Conversions Part 2

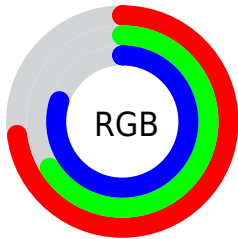
Format	Color
RYB	186, 169, 203
Decimal	12233163
CIELab	71.64, 12.58, -15.06
CIELCh	72, 19.621, 309.868
Yxy	43.1268, 0.2999, 0.2860
Android (android.graphics.Color)	4290423243 (0xFFBAA9CB)
YUV	177.9590, 12.3452, 7.0520
Hunter-Lab	65.6710, 7.9957, -10.4063

Details

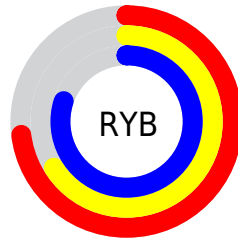
The Yxy color **43.1268, 0.2999, 0.2860** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **56.0138, 0.3239, 0.3721**, and the grayscale version is **44.4346, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.4086, 0.3053, 0.2981**, and **19.8791, 0.2961, 0.2743** is the 20% darker color. If you saturate the color by 10%, you get **34.9284, 0.2906, 0.2579**, and if you desaturate by 10%, it is **52.5915, 0.3080, 0.3124**.

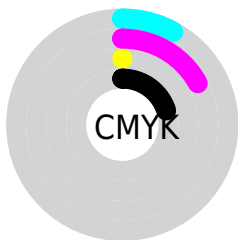
Distribution



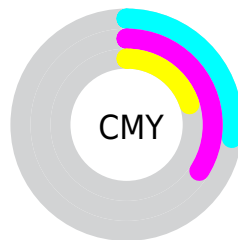
- Red (73%)
- Green (66%)
- Blue (80%)



- Red (73%)
- Yellow (66%)
- Blue (80%)



- Cyan (8%)
- Magenta (17%)
- Yellow (0%)
- Black (20%)




- Cyan (27%)
- Magenta (34%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.1268, 0.2999, 0.2860 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 43.1268, 0.2999, 0.2860 by changing the saturation by 10% instead.


 43.1268, 0.2999,
0.2860


 43.1268, 0.2999,
0.2860


359.1330, 0.3066,
0.3072

 29.9846, 0.2982,
0.2808


 79.9022, 0.3024,
0.2936

 19.8269, 0.2959,
0.2742


 104.3041, 0.3033,
0.2965

 12.2693, 0.2928,
0.2656


133.2282, 0.3041,
0.2989

 6.9274, 0.2883,
0.2538

167.0587, 0.3047,
0.3010

 3.4167, 0.2814,
0.2367

206.1800, 0.3053,
0.3029

 1.3530, 0.2695,
0.2098

250.9766, 0.3058,

 0.1817, 0.2471,

0.3045

0.0936

301.8327, 0.3062,
0.3059

0.0000, 0.0000,
0.0000

43.1268, 0.2999,
0.2860

43.1268, 0.2999,
0.2860

34.9284, 0.2906,
0.2579

52.5915, 0.3080,
0.3124

27.9350, 0.2800,
0.2285

63.3693, 0.3148,
0.3366

22.0883, 0.2682,
0.1989

75.5113, 0.3206,
0.3587

17.3230, 0.2555,
0.1701

89.0640, 0.3254,
0.3785

13.5669, 0.2424,
0.1438

93.7830, 0.3315,
0.3821

■ 10.7385, 0.2292,
0.1213

■ 95.5735, 0.3381,
0.3809

■ 8.7432, 0.2167,
0.1038

■ 97.0921, 0.3436,
0.3800

■ 7.4571, 0.2054,
0.0918

■ 7.1187, 0.2019,
0.0886

Harmonies

Analogous

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



43.1268, 0.2758, 0.2826



43.1268, 0.2999, 0.2860



43.1268, 0.3285, 0.2996

Triad

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



43.1268, 0.2999, 0.2860



43.1268, 0.3659, 0.3650



43.1268, 0.2729, 0.3361

Complementary

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



43.1268, 0.2999, 0.2860



56.0138, 0.3239, 0.3721

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.



43.1268, 0.2956, 0.3614



43.1268, 0.2999, 0.2860



43.1268, 0.3495, 0.3777

Square

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



43.1268, 0.2999, 0.2860



43.1268, 0.3676, 0.3439



43.1268, 0.3236, 0.3769



43.1268, 0.2608, 0.3101

Rectangle

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



43.1268, 0.2999, 0.2860



43.1268, 0.3462, 0.3129



43.1268, 0.3236, 0.3769



43.1268, 0.2795, 0.3451

Sweetspot

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



43.1286, 0.2999, 0.2860



90.9462, 0.3092, 0.3166



47.8640, 0.2866, 0.3069



19.2037, 0.3087, 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.



43.1286, 0.2999, 0.2860



67.1539, 0.2968, 0.2763



45.3829, 0.3146, 0.2879



11.1154, 0.3059, 0.3056



4.5843, 0.2033, 0.0894



0.2816, 0.2247, 0.1012

Inverse Universe

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



44.6147, 0.3292, 0.3081



70.1282, 0.3334, 0.3034



54.0131, 0.3106, 0.3738



11.3055, 0.3213, 0.3175



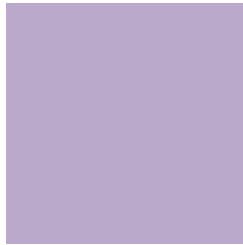
8.7002, 0.4946, 0.2498



0.4642, 0.4517, 0.2262

Previews

White Background



This preview shows how the Yxy color 43.1268, 0.2999, 0.2860 looks on a white background.

Color Contrast Check

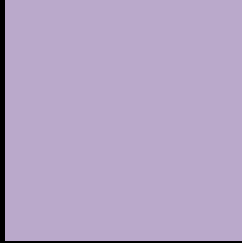
Large Text (above 18pt) WCAG AA × Fail

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 43.1268, 0.2999, 0.2860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

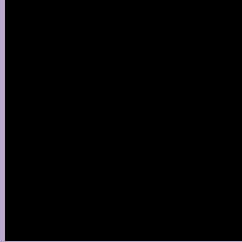
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.1268, 0.2999, 0.2860

Background



This preview shows how black text looks on a background with the Yxy color 43.1268, 0.2999, 0.2860.



This preview shows how white text looks on a background with the Yxy color 43.1268, 0.2999, 0.2860.

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

43.1268, 0.2999, 0.2860

Protanopia

43.1634, 0.2837, 0.2872

Deuteranopia

43.1409, 0.2948, 0.2880



Tritanopia

43.1175, 0.3109, 0.3107

Trichromacy



Original Color

43.1268, 0.2999, 0.2860

Protanomaly

43.0268, 0.2892, 0.2864

Deuteranomaly

43.0063, 0.2965, 0.2869

Tritanomaly

43.1219, 0.3069, 0.3019

Monochromacy



Original Color

43.1268, 0.2999, 0.2860

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.0716, 0.3082, 0.3133

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1268, 0.2999, 0.2860 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(186, 169, 203)` looks like.

```
.text, #text, p{  
    color:rgb(186, 169, 203)  
}
```

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(186, 169, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 169, 203) }
```

Border

The CSS property to change the border of an element to Yxy 43.1268, 0.2999, 0.2860 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(186, 169, 203) }
```

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

```
.border{ border-color:rgb(186, 169, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 169, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 169, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 169, 203);  
box-shadow:4px 4px 4px 4px rgb(186, 169,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1268, 0.2999, 0.2860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 169, 203) }
```

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

```
.background{ background-color: rgb(186,  
169, 203) }
```

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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