

Converting Colors

Yxy(44.7669, 0.2960, 0.2844)

Have a look what the booklet for
Yxy(44.7669, 0.2960, 0.2844)
contains.

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Color

Yxy(44.8803, 0.2960, 0.2852)

Conversions

Conversions Part 1

Format	Color
Hex	BAADD0
RGB	186, 173, 208
RGB Percent	73%, 68%, 82%
CMY	0.2706, 0.3216, 0.1842
CMYK	0.11, 0.17, 0.00, 0.18
HSL	262°, 27%, 75%
HSV	262°, 17%, 82%
XYZ	46.5798, 44.8803, 65.9042
YIQ	180.8770, -3.4870, 13.6410

Conversions

Conversions Part 2

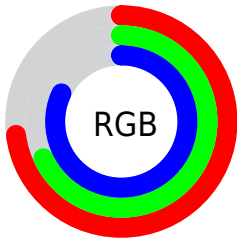
Format	Color
R _Y B	186, 173, 208
Decimal	12234192
CIE Lab	72.81, 11.39, -16.05
CIE LCh	73, 19.684, 305.359
Yxy	44.8803, 0.2960, 0.2852
Android (android.graphics.Color)	4290424272 (0xFFBAADD0)
YUV	180.8770, 13.3716, 4.4929
Hunter-Lab	66.9928, 6.8731, -11.4316

Details

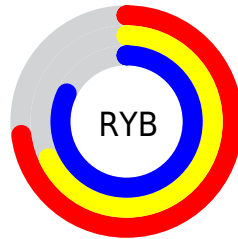
The Yxy color `44.8803, 0.2960, 0.2852` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `59.7545, 0.3275, 0.3719`, and the grayscale version is `46.0674, 0.3127, 0.3290`.

A 20% lighter version of the original color is `81.5841, 0.3052, 0.3022`, and `20.9944, 0.2910, 0.2734` is the 20% darker color. If you saturate the color by 10%, you get `35.9501, 0.2840, 0.2562`, and if you desaturate by 10%, it is `55.2067, 0.3064, 0.3121`.

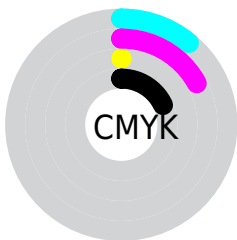
Distribution



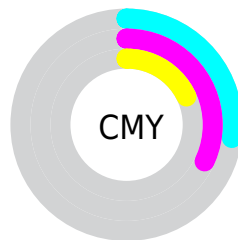
- Red (73%)
- Green (68%)
- Blue (82%)



- Red (73%)
- Yellow (68%)
- Blue (82%)



- Cyan (11%)
- Magenta (17%)
- Yellow (0%)
- Black (18%)





- Cyan (27%)
- Magenta (32%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.8803, 0.2960, 0.2852 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 44.8803, 0.2960, 0.2852 by changing the saturation by 10% instead.


 44.8803, 0.2960,
0.2852

 44.8803, 0.2960,
0.2852


366.2886, 0.3046,
0.3066

 31.3632, 0.2938,
0.2800


 82.5408, 0.2992,
0.2929

 20.8755, 0.2910,
0.2734


107.4529, 0.3003,
0.2958

 13.0331, 0.2871,
0.2648


136.9321, 0.3013,
0.2983

 7.4513, 0.2817,
0.2531

171.3628, 0.3022,
0.3004

 3.7459, 0.2736,
0.2362

211.1294, 0.3029,
0.3023

 1.5325, 0.2599,
0.2101

256.6163, 0.3035,

 0.3114, 0.2355,

0.3039

0.1278

308.2079, 0.3041,
0.3054

0.0000, 0.0000,
0.0000

44.8803, 0.2960,
0.2852

44.8803, 0.2960,
0.2852

35.9501, 0.2840,
0.2562

55.2067, 0.3064,
0.3121

28.3490, 0.2705,
0.2255

66.9812, 0.3154,
0.3364

22.0131, 0.2557,
0.1940

80.2596, 0.3230,
0.3583

16.8704, 0.2400,
0.1633

94.3143, 0.3296,
0.3767

12.8419, 0.2241,
0.1349

96.6678, 0.3382,
0.3754

■ 9.8382, 0.2086,
0.1105

■ 97.3358, 0.3405,
0.3750

■ 7.7557, 0.1945,
0.0918

■ 6.4596, 0.1825,
0.0793

■ 6.1389, 0.1791,
0.0761

Harmonies

Analogous

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



44.8803, 0.2734, 0.2835



44.8803, 0.2960, 0.2852



44.8803, 0.3241, 0.2973

Triad

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



44.8803, 0.2960, 0.2852



44.8803, 0.3666, 0.3619



44.8803, 0.2761, 0.3401

Complementary

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



44.8803, 0.2960, 0.2852



59.7545, 0.3275, 0.3719

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.



44.8803, 0.2998, 0.3641



44.8803, 0.2960, 0.2852



44.8803, 0.3524, 0.3761

Square

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



44.8803, 0.2960, 0.2852



44.8803, 0.3659, 0.3403



44.8803, 0.3277, 0.3775



44.8803, 0.2623, 0.3139

Rectangle

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



44.8803, 0.2960, 0.2852



44.8803, 0.3421, 0.3098



44.8803, 0.3277, 0.3775



44.8803, 0.2831, 0.3488

Sweetspot

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



44.8822, 0.2960, 0.2852



90.6432, 0.3081, 0.3166



52.5559, 0.2867, 0.3128



19.1301, 0.3075, 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.



44.8822, 0.2960, 0.2852



66.0791, 0.2921, 0.2756



47.1919, 0.3107, 0.2871



11.6281, 0.3039, 0.3054



3.8753, 0.1805, 0.0768



0.2613, 0.2016, 0.0884

Inverse Universe

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



47.2457, 0.3254, 0.3025



70.5072, 0.3285, 0.2970



57.5726, 0.3141, 0.3737



11.9316, 0.3194, 0.3145



9.3964, 0.4411, 0.2204



0.5404, 0.4134, 0.2051

Previews

White Background



This preview shows how the Yxy color 44.8803, 0.2960, 0.2852 looks on a white background.

Color Contrast Check

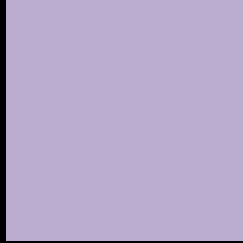
Large Text (above 18pt) WCAG AA × Fail

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 44.8803, 0.2960, 0.2852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

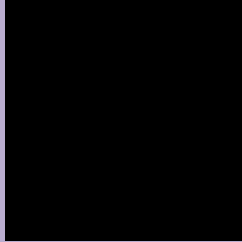
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.8803, 0.2960, 0.2852

Background



This preview shows how black text looks on a background with the Yxy color 44.8803, 0.2960, 0.2852.



This preview shows how white text looks on a background with the Yxy color 44.8803, 0.2960, 0.2852.

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

44.8803, 0.2960, 0.2852

Protanopia

44.9181, 0.2827, 0.2854

Deuteranopia

44.7713, 0.2928, 0.2861



Tritanopia

44.8357, 0.3075, 0.3109

Trichromacy



Original Color

44.8803, 0.2960, 0.2852

Protanomaly

45.0509, 0.2873, 0.2858

Deuteranomaly

44.8934, 0.2936, 0.2862

Tritanomaly

44.8815, 0.3029, 0.3009

Monochromacy



Original Color

44.8803, 0.2960, 0.2852

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.6697, 0.3067, 0.3122

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.8803, 0.2960, 0.2852 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, 173, 208)` looks like.

```
.text, #text, p{  
    color:rgb(186, 173, 208)  
}
```

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, 173, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 173, 208) }
```

Border

The CSS property to change the border of an element to Yxy 44.8803, 0.2960, 0.2852 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, 173, 208) }
```

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

```
.border{ border-color:rgb(186, 173, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 173, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 173, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 173, 208);  
box-shadow:4px 4px 4px 4px rgb(186, 173,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 44.8803, 0.2960, 0.2852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 173, 208) }
```

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

```
.background{ background-color: rgb(186,  
173, 208) }
```

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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