

Converting Colors

$Y_{xy}(44.5956, 0.2843, 0.2669)$

Have a look what the booklet for
Yxy(44.5956, 0.2843, 0.2669)
contains.

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Color

Yxy(44.5901, 0.2840, 0.2665)

Conversions

Conversions Part 1

Format	Color
Hex	B8ABDE
RGB	184, 171, 222
RGB Percent	72%, 67%, 87%
CMY	0.2783, 0.3294, 0.1294
CMYK	0.17, 0.23, 0.00, 0.13
HSL	255°, 44%, 77%
HSV	255°, 23%, 87%
XYZ	47.5182, 44.5901, 75.2092
YIQ	180.7010, -8.6230, 18.6170

Conversions

Conversions Part 2

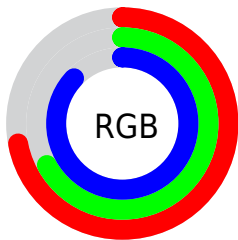
Format	Color
RYB	184, 171, 222
Decimal	12102622
CIELab	72.62, 14.85, -24.00
CIELCh	73, 28.220, 301.744
Yxy	44.5901, 0.2840, 0.2665
Android (android.graphics.Color)	4290292702 (0xFFB8ABDE)
YUV	180.7010, 20.3604, 2.8932
Hunter-Lab	66.7758, 10.1642, -20.0349

Details

The Yxy color **44.5901, 0.2840, 0.2665** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **68.7351, 0.3374, 0.3880**, and the grayscale version is **45.9325, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.1380, 0.3039, 0.3000**, and **20.7295, 0.2749, 0.2502** is the 20% darker color. If you saturate the color by 10%, you get **34.9738, 0.2687, 0.2352**, and if you desaturate by 10%, it is **55.8571, 0.2976, 0.2955**.

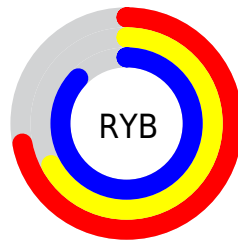
Distribution



Red (72%)

Green (67%)

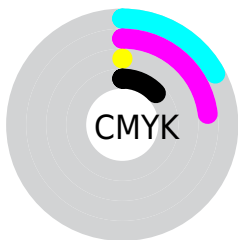
Blue (87%)



Red (72%)

Yellow (67%)

Blue (87%)

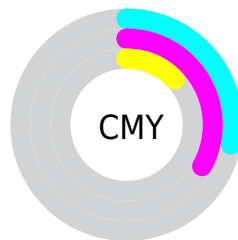


Cyan (17%)

Magenta (23%)

Yellow (0%)

Black (13%)



Cyan (28%)

Magenta (33%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.5901, 0.2840, 0.2665 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 44.5901, 0.2840, 0.2665 by changing the saturation by 10% instead.

■ 44.5901, 0.2840,
0.2665

■ 44.5901, 0.2840,
0.2665

365.1109, 0.2987,
0.2967

■ 31.1347, 0.2803,
0.2593

■ 82.1050, 0.2894,
0.2772

■ 20.7014, 0.2755,
0.2503

106.9332, 0.2914,
0.2813

■ 12.9059, 0.2691,
0.2386

136.3212, 0.2931,
0.2848

■ 7.3638, 0.2603,
0.2230

170.6533, 0.2945,
0.2879

■ 3.6906, 0.2471,
0.2012

210.3139, 0.2958,
0.2905

■ 1.5021, 0.2261,
0.1692

255.6875, 0.2968,

■ 0.2902, 0.1916,

0.2928

0.0871

307.1583, 0.2978,
0.2949

0.0000, 0.0000,
0.0000

44.5901, 0.2840,
0.2665

44.5901, 0.2840,
0.2665

34.9738, 0.2687,
0.2352

55.8571, 0.2976,
0.2955

26.9243, 0.2518,
0.2025

68.8424, 0.3095,
0.3217

20.3583, 0.2340,
0.1697

83.6167, 0.3197,
0.3452

15.1826, 0.2159,
0.1385

97.1451, 0.3290,
0.3614

11.2931, 0.1987,
0.1110

98.0540, 0.3321,
0.3611

■ 8.5707, 0.1833,
0.0893

■ 6.8725, 0.1709,
0.0745

■ 6.1346, 0.1641,
0.0678

Harmonies

Analogous

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



44.5901, 0.2540, 0.2655



44.5901, 0.2840, 0.2665



44.5901, 0.3236, 0.2818

Triad

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



44.5901, 0.2840, 0.2665



44.5901, 0.3913, 0.3713



44.5901, 0.2638, 0.3494

Complementary

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



44.5901, 0.2840, 0.2665



68.7351, 0.3374, 0.3880

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.



44.5901, 0.2983, 0.3840



44.5901, 0.2840, 0.2665



44.5901, 0.3725, 0.3946

Square

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



44.5901, 0.2840, 0.2665



44.5901, 0.3878, 0.3399



44.5901, 0.3381, 0.4006



44.5901, 0.2429, 0.3105

Rectangle

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



44.5901, 0.2840, 0.2665



44.5901, 0.3504, 0.2983



44.5901, 0.3381, 0.4006



44.5901, 0.2741, 0.3621

Sweetspot

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



44.5919, 0.2840, 0.2665



86.7008, 0.3049, 0.3114



59.6553, 0.2776, 0.3134



18.3242, 0.3042, 0.3098



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.



44.5919, 0.2840, 0.2665



53.8680, 0.2762, 0.2504



47.9908, 0.3047, 0.2702



13.4116, 0.3020, 0.3050



3.6888, 0.1653, 0.0685



0.2980, 0.1811, 0.0771

Inverse Universe

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



49.2571, 0.3261, 0.2859



61.4759, 0.3299, 0.2757



65.3424, 0.3187, 0.3916



13.8727, 0.3177, 0.3117



10.8636, 0.3979, 0.1965



0.7672, 0.3834, 0.1886

Previews

White Background



This preview shows how the Yxy color 44.5901, 0.2840, 0.2665 looks on a white background.

Color Contrast Check

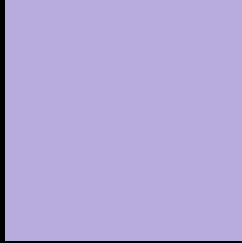
Large Text (above 18pt) WCAG AA × Fail

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 44.5901, 0.2840, 0.2665 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 44.5901, 0.2840, 0.2665

Background



This preview shows how black text looks on a background with the Yxy color 44.5901, 0.2840, 0.2665.



This preview shows how white text looks on a background with the Yxy color 44.5901, 0.2840, 0.2665.

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

44.5901, 0.2840, 0.2665

Protanopia

44.6486, 0.2680, 0.2660

Deuteranopia

44.7646, 0.2764, 0.2713



Tritanopia

44.7896, 0.3033, 0.3107

Trichromacy



Original Color

44.5901, 0.2840, 0.2665

Protanomaly

44.5926, 0.2736, 0.2655

Deuteranomaly

44.8397, 0.2794, 0.2705

Tritanomaly

44.7480, 0.2965, 0.2945

Monochromacy



Original Color

44.5901, 0.2840, 0.2665

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.3749, 0.3019, 0.3046

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.5901, 0.2840, 0.2665 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(184, 171, 222)` looks like.

```
.text, #text, p{  
    color:rgb(184, 171, 222)  
}
```

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(184, 171, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 171, 222) }
```

Border

The CSS property to change the border of an element to Yxy 44.5901, 0.2840, 0.2665 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(184, 171, 222) }
```

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

```
.border{ border-color:rgb(184, 171, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 171, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 171, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 171, 222);  
box-shadow:4px 4px 4px 4px rgb(184, 171,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 44.5901, 0.2840, 0.2665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 171, 222) }
```

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

```
.background{ background-color: rgb(184,  
171, 222) }
```

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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