

Converting Colors

$Yxy(43.7603, 0.2843, 0.2675)$

Have a look what the booklet for
Yxy(43.7603, 0.2843, 0.2675)
contains.

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Color

Yxy(43.8090, 0.2845, 0.2683)

Conversions

Conversions Part 1

Format	Color
Hex	B6AADB
RGB	182, 170, 219
RGB Percent	71%, 67%, 86%
CMY	0.2862, 0.3333, 0.1412
CMYK	0.17, 0.22, 0.00, 0.14
HSL	255°, 40%, 76%
HSV	255°, 22%, 86%
XYZ	46.4542, 43.8090, 73.0204
YIQ	179.1740, -8.5770, 17.7830

Conversions

Conversions Part 2

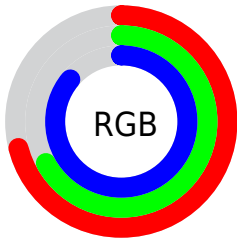
Format	Color
RYB	182, 170, 219
Decimal	11971291
CIELab	72.10, 14.11, -23.16
CIELCh	72, 27.122, 301.342
Yxy	43.8090, 0.2845, 0.2683
Android (android.graphics.Color)	4290161371 (0xFFB6AADB)
YUV	179.1740, 19.6342, 2.4784
Hunter-Lab	66.1884, 9.4503, -19.0782

Details

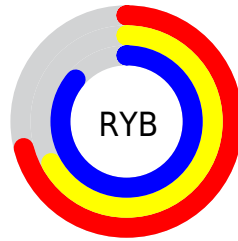
The Yxy color **43.8090, 0.2845, 0.2683** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **66.8241, 0.3371, 0.3863**, and the grayscale version is **45.0755, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.2476, 0.3026, 0.2989**, and **20.3043, 0.2765, 0.2525** is the 20% darker color. If you saturate the color by 10%, you get **34.3775, 0.2691, 0.2371**, and if you desaturate by 10%, it is **54.8493, 0.2982, 0.2971**.

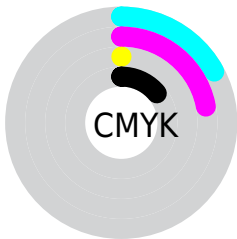
Distribution



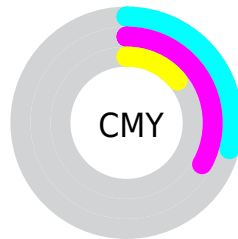
- Red (71%)
- Green (67%)
- Blue (86%)



- Red (71%)
- Yellow (67%)
- Blue (86%)



- Cyan (17%)
- Magenta (22%)
- Yellow (0%)
- Black (14%)



- Cyan (29%)
- Magenta (33%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.8090, 0.2845, 0.2683 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 43.8090, 0.2845, 0.2683 by changing the saturation by 10% instead.

■ 43.8090, 0.2845,
0.2683

■ 43.8090, 0.2845,
0.2683

■ 361.9283, 0.2989,
0.2978

■ 30.5204, 0.2808,
0.2612

■ 80.9303, 0.2898,
0.2788

■ 20.2339, 0.2761,
0.2523

■ 105.5317, 0.2918,
0.2828

■ 12.5652, 0.2698,
0.2408

■ 134.6728, 0.2934,
0.2862

■ 7.1298, 0.2609,
0.2253

■ 168.7381, 0.2949,
0.2892

■ 3.5434, 0.2478,
0.2036

■ 208.1119, 0.2961,
0.2917

■ 1.4216, 0.2265,
0.1713

■ 253.1786, 0.2972,

■ 0.2326, 0.1894,

0.2940

0.0779

304.3226, 0.2981,
0.2960

0.0000, 0.0000,
0.0000

43.8090, 0.2845,
0.2683

43.8090, 0.2845,
0.2683

34.3775, 0.2691,
0.2371

54.8493, 0.2982,
0.2971

26.4733, 0.2521,
0.2044

67.5636, 0.3101,
0.3232

20.0162, 0.2342,
0.1714

82.0205, 0.3204,
0.3465

14.9162, 0.2159,
0.1399

96.6142, 0.3295,
0.3646

11.0728, 0.1985,
0.1121

97.8941, 0.3340,
0.3641

■ 8.3715, 0.1831,
0.0899

■ 6.6754, 0.1705,
0.0746

■ 5.8906, 0.1632,
0.0673

Harmonies

Analogous

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



43.8090, 0.2556, 0.2676



43.8090, 0.2845, 0.2683



43.8090, 0.3228, 0.2830

Triad

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



43.8090, 0.2845, 0.2683



43.8090, 0.3888, 0.3697



43.8090, 0.2658, 0.3492

Complementary

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



43.8090, 0.2845, 0.2683



66.8241, 0.3371, 0.3863

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.



43.8090, 0.2993, 0.3824



43.8090, 0.2845, 0.2683



43.8090, 0.3710, 0.3923

Square

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



43.8090, 0.2845, 0.2683



43.8090, 0.3851, 0.3392



43.8090, 0.3379, 0.3982



43.8090, 0.2453, 0.3117

Rectangle

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



43.8090, 0.2845, 0.2683



43.8090, 0.3486, 0.2989



43.8090, 0.3379, 0.3982



43.8090, 0.2758, 0.3615

Sweetspot

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



43.8108, 0.2845, 0.2683



86.6691, 0.3048, 0.3113



58.5586, 0.2786, 0.3149



18.3169, 0.3040, 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.



43.8108, 0.2845, 0.2683



55.1028, 0.2772, 0.2534



46.9752, 0.3042, 0.2717



12.7707, 0.3019, 0.3051



3.5362, 0.1644, 0.0679



0.2694, 0.1810, 0.0771

Inverse Universe

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



48.3124, 0.3253, 0.2865



62.6207, 0.3286, 0.2770



63.6374, 0.3192, 0.3896



13.2174, 0.3175, 0.3115



10.5650, 0.3942, 0.1945



0.6978, 0.3797, 0.1866

Previews

White Background



This preview shows how the Yxy color 43.8090, 0.2845, 0.2683 looks on a white background.

Color Contrast Check

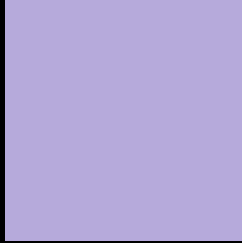
Large Text (above 18pt) WCAG AA × Fail

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 43.8090, 0.2845, 0.2683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

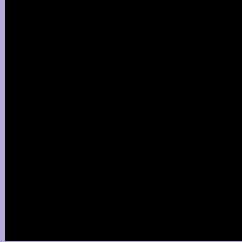
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.8090, 0.2845, 0.2683

Background



This preview shows how black text looks on a background with the Yxy color 43.8090, 0.2845, 0.2683.



This preview shows how white text looks on a background with the Yxy color 43.8090, 0.2845, 0.2683.

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

43.8090, 0.2845, 0.2683

Protanopia

43.9332, 0.2698, 0.2691

Deuteranopia

43.8333, 0.2783, 0.2721



Tritanopia

43.6812, 0.3032, 0.3106

Trichromacy



Original Color

43.8090, 0.2845, 0.2683

Protanomaly

43.7655, 0.2747, 0.2684

Deuteranomaly

43.7971, 0.2806, 0.2712

Tritanomaly

43.6410, 0.2963, 0.2942

Monochromacy



Original Color

43.8090, 0.2845, 0.2683

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.6490, 0.3018, 0.3057

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.8090, 0.2845, 0.2683 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(182, 170, 219)` looks like.

```
.text, #text, p{  
    color:rgb(182, 170, 219)  
}
```

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(182, 170, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 170, 219) }
```

Border

The CSS property to change the border of an element to Yxy 43.8090, 0.2845, 0.2683 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(182, 170, 219) }
```

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

```
.border{ border-color:rgb(182, 170, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 170, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 170, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 170, 219);  
box-shadow:4px 4px 4px 4px rgb(182, 170,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 43.8090, 0.2845, 0.2683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 170, 219) }
```

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

```
.background{ background-color: rgb(182,  
170, 219) }
```

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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