

Converting Colors

$Yxy(43.4101, 0.2821, 0.2633)$

Have a look what the booklet for
Yxy(43.4101, 0.2821, 0.2633)
contains.

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Color

Yxy(43.5949, 0.2823, 0.2637)

Conversions

Conversions Part 1

Format	Color
Hex	B6A9DE
RGB	182, 169, 222
RGB Percent	71%, 66%, 87%
CMY	0.2861, 0.3373, 0.1294
CMYK	0.18, 0.24, 0.00, 0.13
HSL	255°, 45%, 77%
HSV	255°, 24%, 87%
XYZ	46.6699, 43.5949, 75.0553
YIQ	178.9290, -9.2650, 19.2390

Conversions

Conversions Part 2

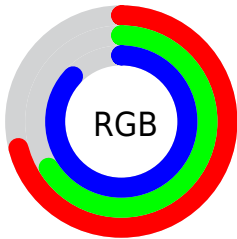
Format	Color
RYB	182, 169, 222
Decimal	11971038
CIELab	71.96, 15.34, -25.02
CIELCh	72, 29.348, 301.502
Yxy	43.5949, 0.2823, 0.2637
Android (android.graphics.Color)	4290161118 (0xFFB6A9DE)
YUV	178.9290, 21.2340, 2.6933
Hunter-Lab	66.0264, 10.6239, -21.1792

Details

The Yxy color $43.5949, 0.2823, 0.2637$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $68.6493, 0.3387, 0.3904$, and the grayscale version is $44.9312, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.7085, 0.3026, 0.2978$, and $20.1018, 0.2725, 0.2463$ is the 20% darker color. If you saturate the color by 10%, you get $34.1090, 0.2666, 0.2322$, and if you desaturate by 10%, it is $54.7300, 0.2963, 0.2929$.

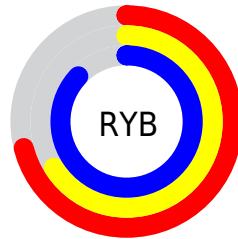
Distribution



Red (71%)

Green (66%)

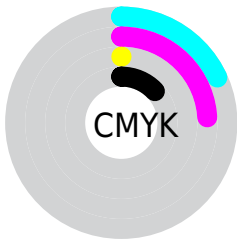
Blue (87%)



Red (71%)

Yellow (66%)

Blue (87%)

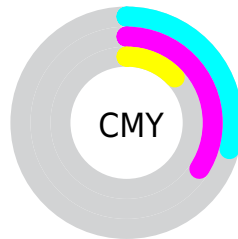


Cyan (18%)

Magenta (24%)

Yellow (0%)

Black (13%)



Cyan (29%)


Magenta (34%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.5949, 0.2823, 0.2637 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 43.5949, 0.2823, 0.2637 by changing the saturation by 10% instead.


 43.5949, 0.2823,
0.2637

 43.5949, 0.2823,
0.2637


361.0526, 0.2979,
0.2953

 30.3522, 0.2783,
0.2562


 80.6078, 0.2880,
0.2749

 20.1060, 0.2733,
0.2467


 105.1468, 0.2901,
0.2792

 12.4722, 0.2665,
0.2345


134.2200, 0.2919,
0.2829

 7.0661, 0.2570,
0.2181

168.2117, 0.2935,
0.2861

 3.5035, 0.2429,
0.1953

207.5065, 0.2948,
0.2888

 1.3999, 0.2203,
0.1618

252.4886, 0.2959,

 0.2166, 0.1822,

0.2912

0.0680

303.5425, 0.2970,
0.2934

0.0000, 0.0000,
0.0000

43.5949, 0.2823,
0.2637

43.5949, 0.2823,
0.2637

34.1090, 0.2666,
0.2322

54.7300, 0.2963,
0.2929

26.1877, 0.2495,
0.1993

67.5830, 0.3085,
0.3195

19.7467, 0.2314,
0.1664

82.2249, 0.3190,
0.3432

14.6915, 0.2133,
0.1353

96.9288, 0.3282,
0.3615

10.9167, 0.1961,
0.1082

98.0535, 0.3322,
0.3611

■ 8.3007, 0.1810,
0.0871

■ 6.6974, 0.1690,
0.0730

■ 6.0759, 0.1632,
0.0673

Harmonies

Analogous

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



43.5949, 0.2512, 0.2627



43.5949, 0.2823, 0.2637



43.5949, 0.3237, 0.2796

Triad

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



43.5949, 0.2823, 0.2637



43.5949, 0.3951, 0.3728



43.5949, 0.2617, 0.3506

Complementary

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



43.5949, 0.2823, 0.2637



68.6493, 0.3387, 0.3904

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.



43.5949, 0.2978, 0.3871



43.5949, 0.2823, 0.2637



43.5949, 0.3755, 0.3975

Square

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



43.5949, 0.2823, 0.2637



43.5949, 0.3913, 0.3399



43.5949, 0.3395, 0.4043



43.5949, 0.2399, 0.3098

Rectangle

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



43.5949, 0.2823, 0.2637



43.5949, 0.3518, 0.2967



43.5949, 0.3395, 0.4043



43.5949, 0.2725, 0.3641

Sweetspot

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



43.5967, 0.2823, 0.2637



86.6720, 0.3048, 0.3113



59.6159, 0.2764, 0.3138



18.3176, 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.



43.5967, 0.2823, 0.2637



52.4653, 0.2741, 0.2471



47.0360, 0.3035, 0.2676



13.4054, 0.3019, 0.3050



3.6531, 0.1644, 0.0679



0.2948, 0.1799, 0.0765

Inverse Universe

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



48.5021, 0.3263, 0.2836



60.4305, 0.3301, 0.2731



65.1849, 0.3195, 0.3942



13.8749, 0.3175, 0.3115



10.9076, 0.3946, 0.1948



0.7700, 0.3808, 0.1872

Previews

White Background



This preview shows how the Yxy color 43.5949, 0.2823, 0.2637 looks on a white background.

Color Contrast Check

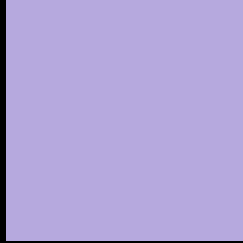
Large Text (above 18pt) WCAG AA × Fail

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 43.5949, 0.2823, 0.2637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

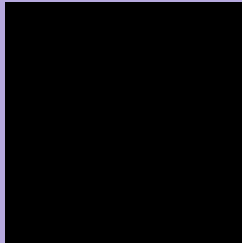
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.5949, 0.2823, 0.2637

Background



This preview shows how black text looks on a background with the Yxy color 43.5949, 0.2823, 0.2637.



This preview shows how white text looks on a background with the Yxy color 43.5949, 0.2823, 0.2637.

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

43.5949, 0.2823, 0.2637

Protanopia

43.5496, 0.2656, 0.2630

Deuteranopia

43.6536, 0.2739, 0.2683



Tritanopia

43.5642, 0.3023, 0.3105

Trichromacy



Original Color

43.5949, 0.2823, 0.2637

Protanomaly

43.4873, 0.2711, 0.2625

Deuteranomaly

43.7242, 0.2769, 0.2675

Tritanomaly

43.5692, 0.2947, 0.2929

Monochromacy



Original Color

43.5949, 0.2823, 0.2637

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.3034, 0.3010, 0.3031

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5949, 0.2823, 0.2637 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, 169, 222)` looks like.

```
.text, #text, p{  
    color:rgb(182, 169, 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(182, 169, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 169, 222) }
```

Border

The CSS property to change the border of an element to Yxy 43.5949, 0.2823, 0.2637 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, 169, 222) }
```

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

```
.border{ border-color:rgb(182, 169, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 169, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 169, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 169, 222);  
box-shadow:4px 4px 4px 4px rgb(182, 169,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5949, 0.2823, 0.2637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 169, 222) }
```

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

```
.background{ background-color: rgb(182,  
169, 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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