

Converting Colors

$Yxy(46.0822, 0.2978, 0.2869)$

Have a look what the booklet for
Yxy(46.0822, 0.2978, 0.2869)
contains.

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Color

Yxy(46.0822, 0.2978, 0.2869)

Conversions

Conversions Part 1

Format	Color
Hex	BDAFD1
RGB	189, 175, 209
RGB Percent	74%, 69%, 82%
CMY	0.2587, 0.3138, 0.1803
CMYK	0.10, 0.16, 0.00, 0.18
HSL	265°, 27%, 75%
HSV	265°, 16%, 82%
XYZ	47.8330, 46.0822, 66.7060
YIQ	183.0620, -2.5700, 13.5420

Conversions

Conversions Part 2

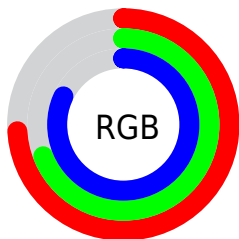
Format	Color
RYB	189, 175, 209
Decimal	12431313
CIELab	73.60, 11.51, -15.38
CIELCh	74, 19.210, 306.802
Yxy	46.0822, 0.2978, 0.2869
Android (android.graphics.Color)	4290621393 (0xFFBDAFD1)
YUV	183.0620, 12.7874, 5.2076
Hunter-Lab	67.8839, 6.9796, -10.7425

Details

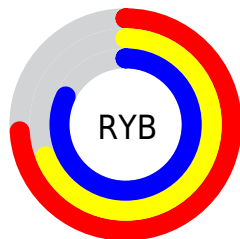
The Yxy color **46.0822, 0.2978, 0.2869** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **60.3026, 0.3259, 0.3705**, and the grayscale version is **47.3229, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.7843, 0.3071, 0.3053**, and **21.7667, 0.2934, 0.2758** is the 20% darker color. If you saturate the color by 10%, you get **37.0642, 0.2867, 0.2582**, and if you desaturate by 10%, it is **56.4962, 0.3074, 0.3135**.

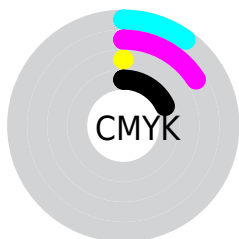
Distribution



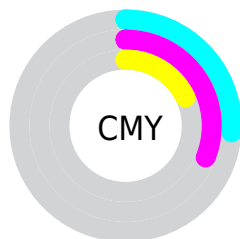
- Red (74%)
- Green (69%)
- Blue (82%)



- Red (74%)
- Yellow (69%)
- Blue (82%)



- Cyan (10%)
- Magenta (16%)
- Yellow (0%)
- Black (18%)



- Cyan (26%)
- Magenta (31%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.0822, 0.2978, 0.2869 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 46.0822, 0.2978, 0.2869 by changing the saturation by 10% instead.

■ 46.0822, 0.2978,
0.2869

■ 46.0822, 0.2978,
0.2869

371.1390, 0.3054,
0.3074

■ 32.3107, 0.2959,
0.2819

■ 84.3420, 0.3006,
0.2942

■ 21.5989, 0.2933,
0.2757

109.5991, 0.3016,
0.2970

■ 13.5625, 0.2899,
0.2675

139.4535, 0.3025,
0.2994

■ 7.8170, 0.2852,
0.2564

174.2896, 0.3033,
0.3015

■ 3.9781, 0.2779,
0.2404

214.4918, 0.3039,
0.3032

■ 1.6613, 0.2659,
0.2159

260.4445, 0.3045,

■ 0.3984, 0.2465,

0.3048

0.1489

312.5321, 0.3050,
0.3062

0.0000, 0.0000,
0.0000

46.0822, 0.2978,
0.2869

46.0822, 0.2978,
0.2869

37.0642, 0.2867,
0.2582

56.4962, 0.3074,
0.3135

29.3754, 0.2742,
0.2280

68.3576, 0.3156,
0.3377

22.9520, 0.2604,
0.1971

81.7221, 0.3226,
0.3596

17.7227, 0.2457,
0.1669

94.3241, 0.3289,
0.3757

13.6088, 0.2305,
0.1389

96.5231, 0.3369,
0.3745

■ 10.5215, 0.2157,
0.1149

■ 97.3843, 0.3400,
0.3740

■ 8.3582, 0.2019,
0.0961

■ 6.9896, 0.1898,
0.0835

■ 6.5962, 0.1858,
0.0797

Harmonies

Analogous

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



46.0822, 0.2755, 0.2848



46.0822, 0.2978, 0.2869



46.0822, 0.3251, 0.2991

Triad

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



46.0822, 0.2978, 0.2869



46.0822, 0.3645, 0.3618



46.0822, 0.2764, 0.3385

Complementary

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



46.0822, 0.2978, 0.2869



60.3026, 0.3259, 0.3705

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.



46.0822, 0.2990, 0.3620



46.0822, 0.2978, 0.2869



46.0822, 0.3501, 0.3750

Square

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



46.0822, 0.2978, 0.2869



46.0822, 0.3645, 0.3411



46.0822, 0.3260, 0.3755



46.0822, 0.2636, 0.3133

Rectangle

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



46.0822, 0.2978, 0.2869



46.0822, 0.3423, 0.3114



46.0822, 0.3260, 0.3755



46.0822, 0.2830, 0.3470

Sweetspot

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



46.0841, 0.2978, 0.2869



90.7408, 0.3085, 0.3166



52.9299, 0.2875, 0.3119



19.1538, 0.3079, 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.



46.0841, 0.2978, 0.2869



66.4218, 0.2936, 0.2758



48.3273, 0.3117, 0.2887



11.6526, 0.3046, 0.3054



4.1210, 0.1872, 0.0805



0.2764, 0.2083, 0.0921

Inverse Universe

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



48.1530, 0.3262, 0.3051



70.3832, 0.3300, 0.2991



58.2159, 0.3132, 0.3722



11.9230, 0.3200, 0.3154



9.2553, 0.4581, 0.2297



0.5331, 0.4263, 0.2122

Previews

White Background



This preview shows how the Yxy color 46.0822, 0.2978, 0.2869 looks on a white background.

Color Contrast Check

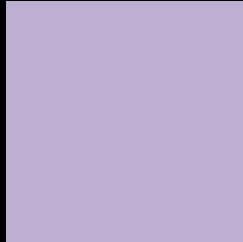
Large Text (above 18pt) WCAG AA × Fail

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 46.0822, 0.2978, 0.2869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

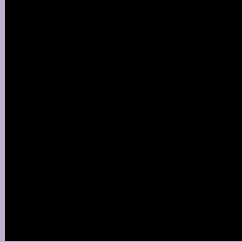
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.0822, 0.2978, 0.2869

Background



This preview shows how black text looks on a background with the Yxy color 46.0822, 0.2978, 0.2869.



This preview shows how white text looks on a background with the Yxy color 46.0822, 0.2978, 0.2869.

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

46.0822, 0.2978, 0.2869

Protanopia

46.1076, 0.2845, 0.2871

Deuteranopia

45.9684, 0.2945, 0.2878



Tritanopia

46.0857, 0.3084, 0.3111

Trichromacy



Original Color

46.0822, 0.2978, 0.2869

Protanomaly

46.2472, 0.2891, 0.2875

Deuteranomaly

46.0932, 0.2953, 0.2879

Tritanomaly

46.0863, 0.3046, 0.3025

Monochromacy



Original Color

46.0822, 0.2978, 0.2869

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

46.7626, 0.3075, 0.3137

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.0822, 0.2978, 0.2869 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(189, 175, 209)` looks like.

```
.text, #text, p{  
    color:rgb(189, 175, 209)  
}
```

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(189, 175, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 175, 209) }
```

Border

The CSS property to change the border of an element to Yxy 46.0822, 0.2978, 0.2869 is called "border". The border property can be set on classes, ids or directly on the HTML element.

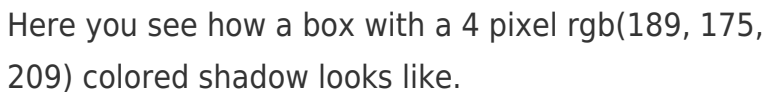
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(189, 175, 209) }
```

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

```
.border{ border-color:rgb(189, 175, 209) }
```

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



Here you see how a box with a 4 pixel `rgb(189, 175, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 175, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 175, 209);  
box-shadow:4px 4px 4px 4px rgb(189, 175,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 46.0822, 0.2978, 0.2869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 175, 209) }
```

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

```
.background{ background-color: rgb(189,  
175, 209) }
```

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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