

Converting Colors

$Yxy(44.6272, 0.2978, 0.2828)$

Have a look what the booklet for
Yxy(44.6272, 0.2978, 0.2828)
contains.

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Color

Yxy(44.5481, 0.2977, 0.2819)

Conversions

Conversions Part 1

Format	Color
Hex	BDABD1
RGB	189, 171, 209
RGB Percent	74%, 67%, 82%
CMY	0.2591, 0.3293, 0.1804
CMYK	0.10, 0.18, 0.00, 0.18
HSL	268°, 29%, 75%
HSV	268°, 18%, 82%
XYZ	47.0449, 44.5481, 66.4350
YIQ	180.7140, -1.4700, 15.6340

Conversions

Conversions Part 2

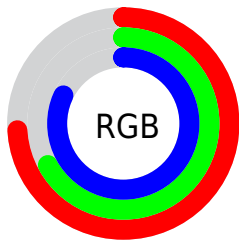
Format	Color
RYB	189, 171, 209
Decimal	12430289
CIELab	72.59, 13.65, -16.89
CIELCh	73, 21.710, 308.943
Yxy	44.5481, 0.2977, 0.2819
Android (android.graphics.Color)	4290620369 (0xFFBDABD1)
YUV	180.7140, 13.9450, 7.2668
Hunter-Lab	66.7444, 9.0136, -12.2941

Details

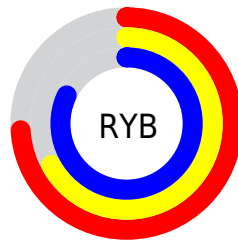
The Yxy color $44.5481, 0.2977, 0.2819$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $59.6256, 0.3257, 0.3759$, and the grayscale version is $45.9672, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.0252, 0.3073, 0.3003$, and $20.7111, 0.2921, 0.2688$ is the 20% darker color. If you saturate the color by 10%, you get $35.9094, 0.2876, 0.2533$, and if you desaturate by 10%, it is $54.5464, 0.3065, 0.3087$.

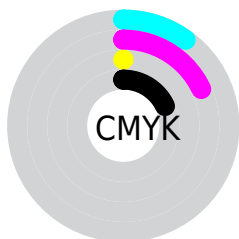
Distribution



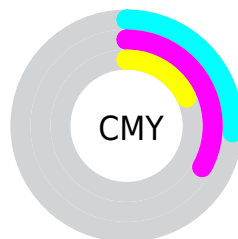
- Red (74%)
- Green (67%)
- Blue (82%)



- Red (74%)
- Yellow (67%)
- Blue (82%)



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



- Cyan (26%)
- Magenta (33%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.5481, 0.2977, 0.2819 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 44.5481, 0.2977, 0.2819 by changing the saturation by 10% instead.

■ 44.5481, 0.2977,
0.2819

■ 44.5481, 0.2977,
0.2819

364.9403, 0.3055,
0.3049

■ 31.1016, 0.2957,
0.2763

■ 82.0419, 0.3006,
0.2901

■ 20.6763, 0.2931,
0.2693

106.8580, 0.3016,
0.2932

■ 12.8876, 0.2895,
0.2601

136.2327, 0.3025,
0.2959

■ 7.3512, 0.2845,
0.2477

170.5505, 0.3033,
0.2982

■ 3.6827, 0.2768,
0.2299

210.1958, 0.3040,
0.3002

■ 1.4977, 0.2638,
0.2026

255.5529, 0.3045,

■ 0.2871, 0.2435,

0.3020

0.1154

307.0063, 0.3050,
0.3035

0.0000, 0.0000,
0.0000

44.5481, 0.2977,
0.2819

44.5481, 0.2977,
0.2819

35.9094, 0.2876,
0.2533

54.5464, 0.3065,
0.3087

28.5638, 0.2761,
0.2235

65.9555, 0.3140,
0.3334

22.4474, 0.2635,
0.1934

78.8310, 0.3203,
0.3557

17.4887, 0.2500,
0.1644

93.2238, 0.3257,
0.3758

13.6084, 0.2361,
0.1380

95.3810, 0.3328,
0.3751

■ 10.7169, 0.2224,
0.1157

■ 97.3831, 0.3400,
0.3741

■ 8.7090, 0.2096,
0.0987

■ 7.4307, 0.1981,
0.0873

■ 7.2326, 0.1961,
0.0854

Harmonies

Analogous

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



44.5481, 0.2718, 0.2785



44.5481, 0.2977, 0.2819



44.5481, 0.3289, 0.2964

Triad

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



44.5481, 0.2977, 0.2819



44.5481, 0.3712, 0.3676



44.5481, 0.2698, 0.3376

Complementary

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



44.5481, 0.2977, 0.2819



59.6256, 0.3257, 0.3759

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.



44.5481, 0.2948, 0.3653



44.5481, 0.2977, 0.2819



44.5481, 0.3536, 0.3821

Square

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



44.5481, 0.2977, 0.2819



44.5481, 0.3726, 0.3443



44.5481, 0.3255, 0.3819



44.5481, 0.2563, 0.3089

Rectangle

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



44.5481, 0.2977, 0.2819



44.5481, 0.3485, 0.3106



44.5481, 0.3255, 0.3819



44.5481, 0.2771, 0.3475

Sweetspot

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



44.5500, 0.2977, 0.2819



90.8780, 0.3090, 0.3166



50.6459, 0.2844, 0.3065



19.1871, 0.3084, 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.



44.5500, 0.2977, 0.2819



64.0870, 0.2937, 0.2704



47.1096, 0.3137, 0.2842



11.6872, 0.3055, 0.3055



4.5175, 0.1976, 0.0862



0.2996, 0.2182, 0.0975

Inverse Universe

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



46.4556, 0.3299, 0.3049



67.6921, 0.3346, 0.2992



57.3423, 0.3114, 0.3780



11.9111, 0.3209, 0.3168



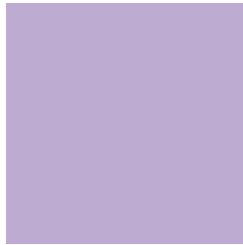
9.0775, 0.4826, 0.2432



0.5235, 0.4450, 0.2225

Previews

White Background



This preview shows how the Yxy color 44.5481, 0.2977, 0.2819 looks on a white background.

Color Contrast Check

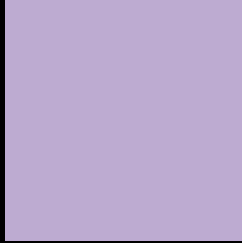
Large Text (above 18pt) WCAG AA × Fail

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 44.5481, 0.2977, 0.2819 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

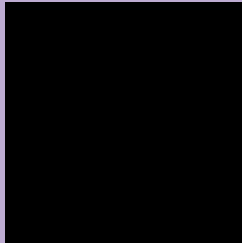
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.5481, 0.2977, 0.2819

Background



This preview shows how black text looks on a background with the Yxy color 44.5481, 0.2977, 0.2819.



This preview shows how white text looks on a background with the Yxy color 44.5481, 0.2977, 0.2819.

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

44.5481, 0.2977, 0.2819

Protanopia

44.9063, 0.2806, 0.2830

Deuteranopia

44.6499, 0.2919, 0.2860



Tritanopia

44.7299, 0.3118, 0.3123

Trichromacy



Original Color

44.5481, 0.2977, 0.2819

Protanomaly

44.8784, 0.2866, 0.2823

Deuteranomaly

44.6316, 0.2944, 0.2850

Tritanomaly

44.8224, 0.3062, 0.3010

Monochromacy



Original Color

44.5481, 0.2977, 0.2819

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.3962, 0.3075, 0.3110

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.5481, 0.2977, 0.2819 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, 171, 209)` looks like.

```
.text, #text, p{  
    color:rgb(189, 171, 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, 171, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 171, 209) }
```

Border

The CSS property to change the border of an element to Yxy 44.5481, 0.2977, 0.2819 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, 171, 209) }
```

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

```
.border{ border-color:rgb(189, 171, 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, 171, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 171, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 171, 209);  
box-shadow:4px 4px 4px 4px rgb(189, 171,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 44.5481, 0.2977, 0.2819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 171, 209) }
```

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

```
.background{ background-color: rgb(189,  
171, 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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