

Converting Colors

$Yxy(44.8206, 0.2920, 0.2849)$

Have a look what the booklet for
Yxy(44.8206, 0.2920, 0.2849)
contains.

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Color

Yxy(44.8206, 0.2920, 0.2849)

Conversions

Conversions Part 1

Format	Color
Hex	B6AED1
RGB	182, 174, 209
RGB Percent	71%, 68%, 82%
CMY	0.2863, 0.3176, 0.1803
CMYK	0.13, 0.17, 0.00, 0.18
HSL	254°, 28%, 75%
HSV	254°, 17%, 82%
XYZ	45.9376, 44.8206, 66.5623
YIQ	180.3820, -6.4670, 12.5810

Conversions

Conversions Part 2

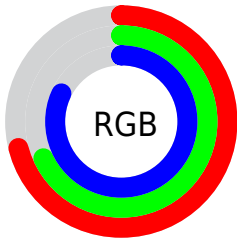
Format	Color
R_{YB}	182, 174, 209
Decimal	11972305
CIE _{Lab}	72.77, 9.74, -16.68
CIE _{LCh}	73, 19.318, 300.280
Yxy	44.8206, 0.2920, 0.2849
Android (android.graphics.Color)	4290162385 (0xFFB6AED1)
YUV	180.3820, 14.1087, 1.4190
Hunter-Lab	66.9482, 5.3213, -12.0845

Details

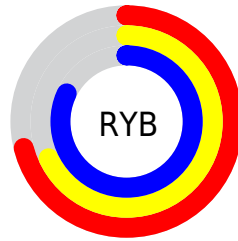
The Yxy color $44.8206, 0.2920, 0.2849$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $61.0856, 0.3314, 0.3712$, and the grayscale version is $45.7844, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.4358, 0.3026, 0.3030$, and $20.9528, 0.2856, 0.2729$ is the 20% darker color. If you saturate the color by 10%, you get $35.5131, 0.2773, 0.2550$, and if you desaturate by 10%, it is $55.6146, 0.3050, 0.3122$.

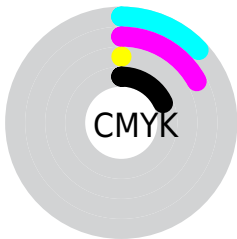
Distribution



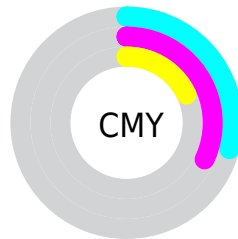
- Red (71%)
- Green (68%)
- Blue (82%)



- Red (71%)
- Yellow (68%)
- Blue (82%)



- Cyan (13%)
- Magenta (17%)
- Yellow (0%)
- Black (18%)



- Cyan (29%)
- Magenta (32%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.8206, 0.2920, 0.2849 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 44.8206, 0.2920, 0.2849 by changing the saturation by 10% instead.

■ 44.8206, 0.2920,
0.2849

■ 44.8206, 0.2920,
0.2849

366.0465, 0.3025,
0.3065

■ 31.3161, 0.2893,
0.2796

■ 82.4511, 0.2959,
0.2927

■ 20.8397, 0.2859,
0.2730

107.3460, 0.2973,
0.2956

■ 13.0069, 0.2813,
0.2642

136.8065, 0.2985,
0.2981

■ 7.4333, 0.2748,
0.2524

171.2169, 0.2996,
0.3003

■ 3.7345, 0.2650,
0.2352

210.9618, 0.3005,
0.3021

■ 1.5262, 0.2489,
0.2087

256.4254, 0.3012,

■ 0.3071, 0.2168,

0.3038

0.1257

307.9921, 0.3019,
0.3052

0.0000, 0.0000,
0.0000

44.8206, 0.2920,
0.2849

44.8206, 0.2920,
0.2849

35.5131, 0.2773,
0.2550

55.6146, 0.3050,
0.3122

27.6209, 0.2609,
0.2229

67.9510, 0.3162,
0.3366

21.0753, 0.2431,
0.1898

81.8896, 0.3258,
0.3583

15.7997, 0.2247,
0.1571

95.8092, 0.3344,
0.3749

11.7095, 0.2065,
0.1268

97.3843, 0.3400,
0.3740

■ 8.7095, 0.1897,
0.1010

■ 6.6896, 0.1755,
0.0816

■ 5.5082, 0.1647,
0.0695

■ 5.2266, 0.1618,
0.0665

Harmonies

Analogous

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



44.8206, 0.2713, 0.2852



44.8206, 0.2920, 0.2849



44.8206, 0.3191, 0.2952

Triad

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



44.8206, 0.2920, 0.2849



44.8206, 0.3666, 0.3581



44.8206, 0.2801, 0.3443

Complementary

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



44.8206, 0.2920, 0.2849



61.0856, 0.3314, 0.3712

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.



44.8206, 0.3046, 0.3666



44.8206, 0.2920, 0.2849



44.8206, 0.3549, 0.3737

Square

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



44.8206, 0.2920, 0.2849



44.8206, 0.3632, 0.3362



44.8206, 0.3320, 0.3774



44.8206, 0.2647, 0.3183

Rectangle

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



44.8206, 0.2920, 0.2849



44.8206, 0.3373, 0.3068



44.8206, 0.3320, 0.3774



44.8206, 0.2875, 0.3526

Sweetspot

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



44.8225, 0.2920, 0.2849



90.3149, 0.3070, 0.3165



55.5777, 0.2872, 0.3195



19.0505, 0.3061, 0.3147



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.



44.8225, 0.2920, 0.2849



64.9515, 0.2871, 0.2748



47.0325, 0.3062, 0.2867



11.5461, 0.3017, 0.3052



3.2590, 0.1629, 0.0671



0.2188, 0.1816, 0.0774

Inverse Universe

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



48.0487, 0.3212, 0.2969



70.9379, 0.3232, 0.2900



58.8464, 0.3181, 0.3729



11.9609, 0.3172, 0.3112



9.9655, 0.3882, 0.1912



0.5688, 0.3734, 0.1830

Previews

White Background



This preview shows how the Yxy color 44.8206, 0.2920, 0.2849 looks on a white background.

Color Contrast Check

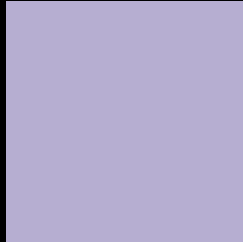
Large Text (above 18pt) WCAG AA × Fail

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 44.8206, 0.2920, 0.2849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

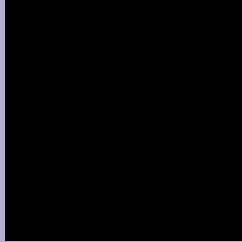
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.8206, 0.2920, 0.2849

Background



This preview shows how black text looks on a background with the Yxy color 44.8206, 0.2920, 0.2849.



This preview shows how white text looks on a background with the Yxy color 44.8206, 0.2920, 0.2849.

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

44.8206, 0.2920, 0.2849

Protanopia

44.9181, 0.2827, 0.2854

Deuteranopia

44.6993, 0.2912, 0.2848



Tritanopia

44.7896, 0.3033, 0.3107

Trichromacy



Original Color

44.8206, 0.2920, 0.2849

Protanomaly

44.9339, 0.2865, 0.2857

Deuteranomaly

44.6993, 0.2912, 0.2848

Tritanomaly

44.8312, 0.2987, 0.3007

Monochromacy



Original Color

44.8206, 0.2920, 0.2849

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.4261, 0.3050, 0.3122

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.8206, 0.2920, 0.2849 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, 174, 209)` looks like.

```
.text, #text, p{  
    color:rgb(182, 174, 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(182, 174, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 174, 209) }
```

Border

The CSS property to change the border of an element to Yxy 44.8206, 0.2920, 0.2849 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, 174, 209) }
```

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

```
.border{ border-color:rgb(182, 174, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 174, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 174, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 174, 209);  
box-shadow:4px 4px 4px 4px rgb(182, 174,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 44.8206, 0.2920, 0.2849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 174, 209) }
```

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

```
.background{ background-color: rgb(182,  
174, 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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