

Converting Colors

$Yxy(44.7871, 0.3177, 0.2949)$

Have a look what the booklet for
Yxy(44.7871, 0.3177, 0.2949)
contains.

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Color

Yxy(44.8247, 0.3179, 0.2947)

Conversions

Conversions Part 1

Format	Color
Hex	C9A9C5
RGB	201, 169, 197
RGB Percent	79%, 66%, 77%
CMY	0.2118, 0.3372, 0.2275
CMYK	0.00, 0.16, 0.02, 0.21
HSL	308°, 23%, 73%
HSV	308°, 16%, 79%
XYZ	48.3535, 44.8247, 58.9246
YIQ	181.7600, 10.0840, 15.4920

Conversions

Conversions Part 2

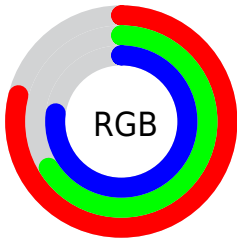
Format	Color
R _Y B	201, 169, 197
Decimal	13216197
CIE Lab	72.78, 16.49, -9.92
CIE LCh	73, 19.245, 328.970
Yxy	44.8247, 0.3179, 0.2947
Android (android.graphics.Color)	4291406277 (0xFFC9A9C5)
YUV	181.7600, 7.5133, 16.8735
Hunter-Lab	66.9513, 11.7515, -5.3160

Details

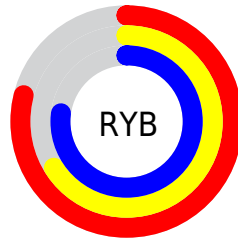
The Yxy color $44.8247, 0.3179, 0.2947$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $53.2278, 0.3079, 0.3659$, and the grayscale version is $46.5972, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.7271, 0.3148, 0.2999$, and $20.9088, 0.3197, 0.2862$ is the 20% darker color. If you saturate the color by 10%, you get $37.7992, 0.3217, 0.2726$, and if you desaturate by 10%, it is $53.0057, 0.3145, 0.3165$.

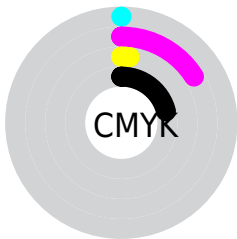
Distribution



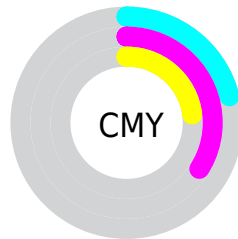
- Red (79%)
- Green (66%)
- Blue (77%)



- Red (79%)
- Yellow (66%)
- Blue (77%)



- Cyan (0%)
- Magenta (16%)
- Yellow (2%)
- Black (21%)





- Cyan (21%)
- Magenta (34%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.8247, 0.3179, 0.2947 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 44.8247, 0.3179, 0.2947 by changing the saturation by 10% instead.


 44.8247, 0.3179,
0.2947


 44.8247, 0.3179,
0.2947


366.0631, 0.3155,
0.3115

 31.3194, 0.3184,
0.2906


 82.4573, 0.3171,
0.3007

 20.8422, 0.3191,
0.2854


 107.3533, 0.3167,
0.3030

 13.0087, 0.3200,
0.2786


136.8151, 0.3165,
0.3050

 7.4345, 0.3210,
0.2693

171.2269, 0.3162,
0.3066

 3.7353, 0.3224,
0.2558

210.9733, 0.3160,
0.3081

 1.5266, 0.3242,
0.2346

256.4385, 0.3158,

 0.3074, 0.3419,

0.3094

0.1513

308.0070, 0.3156,
0.3105

0.0000, 0.0000,
0.0000

44.8247, 0.3179,
0.2947

44.8247, 0.3179,
0.2947

37.7992, 0.3217,
0.2726

53.0057, 0.3145,
0.3165

31.8710, 0.3259,
0.2507

62.3853, 0.3116,
0.3374

26.9857, 0.3304,
0.2300

73.0117, 0.3090,
0.3572

23.0818, 0.3352,
0.2114

84.9285, 0.3068,
0.3756

20.0914, 0.3400,
0.1958

88.5701, 0.3052,
0.3785

■ 17.9382, 0.3448,
0.1841

■ 88.6962, 0.3038,
0.3756

■ 16.5331, 0.3494,
0.1768

■ 88.8243, 0.3025,
0.3728

■ 15.7650, 0.3538,
0.1737

■ 88.9544, 0.3011,
0.3700

■ 15.5462, 0.3555,
0.1732

■ 89.0864, 0.2997,
0.3672

Harmonies

Analogous

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



44.8247, 0.2910, 0.2848



44.8247, 0.3179, 0.2947



44.8247, 0.3444, 0.3128

Triad

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



44.8247, 0.3179, 0.2947



44.8247, 0.3555, 0.3730



44.8247, 0.2653, 0.3194

Complementary

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



44.8247, 0.3179, 0.2947



53.2278, 0.3079, 0.3659

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.



44.8247, 0.2812, 0.3453



44.8247, 0.3179, 0.2947



44.8247, 0.3331, 0.3773

Square

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



44.8247, 0.3179, 0.2947



44.8247, 0.3666, 0.3572



44.8247, 0.3058, 0.3672



44.8247, 0.2616, 0.2978

Rectangle

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



44.8247, 0.3179, 0.2947



44.8247, 0.3578, 0.3275



44.8247, 0.3058, 0.3672



44.8247, 0.2693, 0.3280

Sweetspot

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



44.8267, 0.3179, 0.2947



92.0308, 0.3143, 0.3183



41.4492, 0.2902, 0.2870



19.4678, 0.3145, 0.3168



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.



44.8267, 0.3179, 0.2947



72.5034, 0.3191, 0.2873



44.1429, 0.3315, 0.3137



10.7929, 0.3156, 0.3090



9.7838, 0.3549, 0.1729



0.4698, 0.3469, 0.1684

Inverse Universe

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



44.8267, 0.3179, 0.2947



72.5034, 0.3191, 0.2873



53.8730, 0.2970, 0.3448



10.7929, 0.3156, 0.3090



9.7838, 0.3549, 0.1729



0.4698, 0.3469, 0.1684

Previews

White Background



This preview shows how the Yxy color 44.8247, 0.3179, 0.2947 looks on a white background.

Color Contrast Check

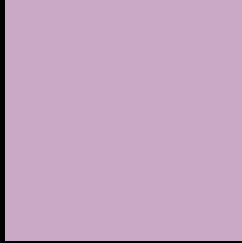
Large Text (above 18pt) WCAG AA × Fail

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 44.8247, 0.3179, 0.2947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

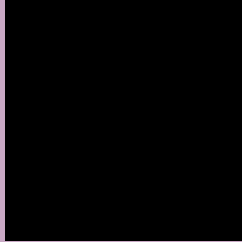
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.8247, 0.3179, 0.2947

Background



This preview shows how black text looks on a background with the Yxy color 44.8247, 0.3179, 0.2947.



This preview shows how white text looks on a background with the Yxy color 44.8247, 0.3179, 0.2947.

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

44.8247, 0.3179, 0.2947

Protanopia

44.8225, 0.2916, 0.2967

Deuteranopia

44.9490, 0.3071, 0.3011



Tritanopia

44.7707, 0.3262, 0.3115

Trichromacy



Original Color

44.8247, 0.3179, 0.2947

Protanomaly

44.6326, 0.3005, 0.2959

Deuteranomaly

44.8280, 0.3115, 0.2989

Tritanomaly

44.7029, 0.3237, 0.3054

Monochromacy



Original Color

44.8247, 0.3179, 0.2947

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

45.8510, 0.3151, 0.3162

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.8247, 0.3179, 0.2947 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(201, 169, 197)` looks like.

```
.text, #text, p{  
    color:rgb(201, 169, 197)  
}
```

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(201, 169, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 169, 197) }
```

Border

The CSS property to change the border of an element to Yxy 44.8247, 0.3179, 0.2947 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(201, 169, 197) }
```

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

```
.border{ border-color:rgb(201, 169, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 169, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 169, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 169, 197);  
box-shadow:4px 4px 4px 4px rgb(201, 169,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 44.8247, 0.3179, 0.2947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 169, 197) }
```

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

```
.background{ background-color: rgb(201,  
169, 197) }
```

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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