

Converting Colors

$Yxy(44.4230, 0.3297, 0.3072)$

Have a look what the booklet for
Yxy(44.4230, 0.3297, 0.3072)
contains.

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Color

Yxy(44.2469, 0.3293, 0.3068)

Conversions

Conversions Part 1

Format	Color
Hex	CBA8BA
RGB	203, 168, 186
RGB Percent	80%, 66%, 73%
CMY	0.2039, 0.3411, 0.2707
CMYK	0.00, 0.17, 0.08, 0.20
HSL	329°, 25%, 73%
HSV	329°, 17%, 80%
XYZ	47.4919, 44.2469, 52.4819
YIQ	180.5170, 15.0820, 13.0180

Conversions

Conversions Part 2

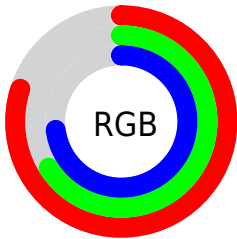
Format	Color
RYP	203, 168, 186
Decimal	13347002
CIELab	72.39, 15.76, -4.41
CIElCh	72, 16.362, 344.364
Yxy	44.2469, 0.3293, 0.3068
Android (android.graphics.Color)	4291537082 (0xFFCBA8BA)
YUV	180.5170, 2.7031, 19.7176
Hunter-Lab	66.5183, 11.0359, -0.2160

Details

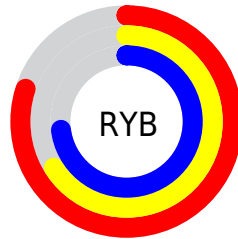
The Yxy color $44.2469, 0.3293, 0.3068$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $54.5400, 0.2989, 0.3523$, and the grayscale version is $45.9138, 0.3127, 0.3290$.

A 20% lighter version of the original color is $80.4462, 0.3227, 0.3103$, and $20.5738, 0.3344, 0.3008$ is the 20% darker color. If you saturate the color by 10%, you get $36.9236, 0.3416, 0.2932$, and if you desaturate by 10%, it is $52.7731, 0.3190, 0.3199$.

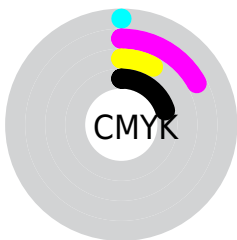
Distribution



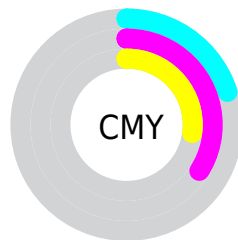
- Red (80%)
- Green (66%)
- Blue (73%)



- Red (80%)
- Yellow (66%)
- Blue (73%)



- Cyan (0%)
- Magenta (17%)
- Yellow (8%)
- Black (20%)





- Cyan (20%)
- Magenta (34%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.2469, 0.3293, 0.3068 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 44.2469, 0.3293, 0.3068 by changing the saturation by 10% instead.


 44.2469, 0.3293,
0.3068


 44.2469, 0.3293,
0.3068


363.7149, 0.3210,
0.3178

 30.8647, 0.3314,
0.3041


 81.5891, 0.3263,
0.3108

 20.4958, 0.3340,
0.3006


 106.3179, 0.3252,
0.3123

 12.7560, 0.3375,
0.2960


135.5977, 0.3242,
0.3136

 7.2607, 0.3424,
0.2896

169.8128, 0.3234,
0.3147

 3.6257, 0.3498,
0.2801

209.3477, 0.3227,
0.3156

 1.4665, 0.3619,
0.2647

254.5867, 0.3221,

 0.2649, 0.4248,

0.3164

0.1768

305.9143, 0.3215,
0.3172

0.0000, 0.0000,
0.0000

44.2469, 0.3293,
0.3068

44.2469, 0.3293,
0.3068

36.9236, 0.3416,
0.2932

52.7731, 0.3190,
0.3199

30.7427, 0.3562,
0.2795

62.5476, 0.3105,
0.3324

25.6471, 0.3733,
0.2665

73.6205, 0.3035,
0.3439

21.5726, 0.3929,
0.2549

86.0373, 0.2977,
0.3546

18.4479, 0.4146,
0.2460

90.2338, 0.2924,
0.3498

■ 16.1925, 0.4380,
0.2410

■ 90.8215, 0.2872,
0.3392

■ 14.7126, 0.4618,
0.2410

■ 91.4361, 0.2822,
0.3289

■ 13.8798, 0.4850,
0.2462

■ 13.7014, 0.4914,
0.2481

Harmonies

Analogous

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



44.2469, 0.3057, 0.2943



44.2469, 0.3293, 0.3068



44.2469, 0.3489, 0.3249

Triad

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



44.2469, 0.3293, 0.3068



44.2469, 0.3404, 0.3699



44.2469, 0.2689, 0.3107

Complementary

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



44.2469, 0.3293, 0.3068



54.5400, 0.2989, 0.3523

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.



44.2469, 0.2775, 0.3317



44.2469, 0.3293, 0.3068



44.2469, 0.3184, 0.3671

Square

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



44.2469, 0.3293, 0.3068



44.2469, 0.3554, 0.3612



44.2469, 0.2954, 0.3528



44.2469, 0.2715, 0.2958

Rectangle

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



44.2469, 0.3293, 0.3068



44.2469, 0.3567, 0.3381



44.2469, 0.2954, 0.3528



44.2469, 0.2706, 0.3173

Sweetspot

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



44.2489, 0.3293, 0.3068



91.7403, 0.3170, 0.3227



42.6242, 0.2990, 0.2846



19.3971, 0.3177, 0.3218



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.



44.2489, 0.3293, 0.3068



68.8984, 0.3340, 0.3013



43.5536, 0.3450, 0.3284



11.3083, 0.3211, 0.3172



8.7383, 0.4885, 0.2464



0.4661, 0.4470, 0.2236

Inverse Universe

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



44.2489, 0.3293, 0.3068



68.8984, 0.3340, 0.3013



55.3202, 0.2873, 0.3297



11.3083, 0.3211, 0.3172



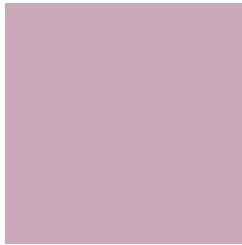
8.7383, 0.4885, 0.2464



0.4661, 0.4470, 0.2236

Previews

White Background



This preview shows how the Yxy color 44.2469, 0.3293, 0.3068 looks on a white background.

Color Contrast Check

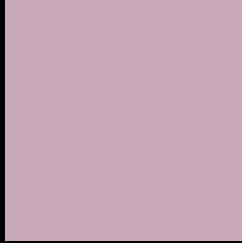
Large Text (above 18pt) WCAG AA × Fail

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 44.2469, 0.3293, 0.3068 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 44.2469, 0.3293, 0.3068

Background



This preview shows how black text looks on a background with the Yxy color 44.2469, 0.3293, 0.3068.



This preview shows how white text looks on a background with the Yxy color 44.2469, 0.3293, 0.3068.

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

44.2469, 0.3293, 0.3068

Protanopia

44.5530, 0.3016, 0.3106

Deuteranopia

44.2143, 0.3197, 0.3124



Tritanopia

44.3099, 0.3318, 0.3129

Trichromacy



Original Color

44.2469, 0.3293, 0.3068

Protanomaly

44.3853, 0.3110, 0.3097

Deuteranomaly

44.3644, 0.3234, 0.3114

Tritanomaly

44.3514, 0.3309, 0.3116

Monochromacy



Original Color

44.2469, 0.3293, 0.3068

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.2884, 0.3184, 0.3200

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.2469, 0.3293, 0.3068 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(203, 168, 186)` looks like.

```
.text, #text, p{  
    color:rgb(203, 168, 186)  
}
```

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(203, 168, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 168, 186) }
```

Border

The CSS property to change the border of an element to Yxy 44.2469, 0.3293, 0.3068 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(203, 168, 186) }
```

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

```
.border{ border-color:rgb(203, 168, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 168, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 168, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 168, 186);  
box-shadow:4px 4px 4px 4px rgb(203, 168,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 44.2469, 0.3293, 0.3068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 168, 186) }
```

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

```
.background{ background-color: rgb(203,  
168, 186) }
```

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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