

Converting Colors

$Yxy(43.9461, 0.3215, 0.3088)$

Have a look what the booklet for
Yxy(43.9461, 0.3215, 0.3088)
contains.

Yxy(43.8967, 0.3218, 0.3088)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(43.8967, 0.3218, 0.3088)

Conversions

Conversions Part 1

Format	Color
Hex	C3AABA
RGB	195, 170, 186
RGB Percent	76%, 67%, 73%
CMY	0.2352, 0.3333, 0.2706
CMYK	0.00, 0.13, 0.05, 0.24
HSL	322°, 17%, 72%
HSV	322°, 13%, 76%
XYZ	45.7447, 43.8967, 52.5111
YIQ	179.2990, 9.7640, 10.2760

Conversions

Conversions Part 2

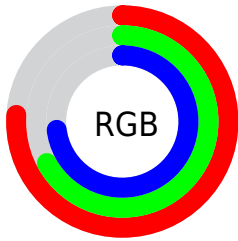
Format	Color
R _{YB}	195, 170, 186
Decimal	12823226
CIE Lab	72.16, 11.84, -4.84
CIE LCh	72, 12.790, 337.754
Yxy	43.8967, 0.3218, 0.3088
Android (android.graphics.Color)	4291013306 (0xFFC3AABA)
YUV	179.2990, 3.3036, 13.7698
Hunter-Lab	66.2546, 7.2977, -0.6130

Details

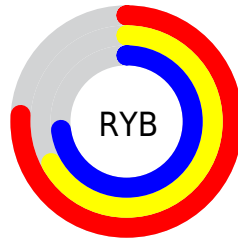
The Yxy color $43.8967, 0.3218, 0.3088$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $50.8375, 0.3046, 0.3501$, and the grayscale version is $45.2265, 0.3127, 0.3290$.

A 20% lighter version of the original color is $80.9567, 0.3205, 0.3122$, and $20.3130, 0.3239, 0.3033$ is the 20% darker color. If you saturate the color by 10%, you get $36.8295, 0.3304, 0.2923$, and if you desaturate by 10%, it is $52.0670, 0.3145, 0.3247$.

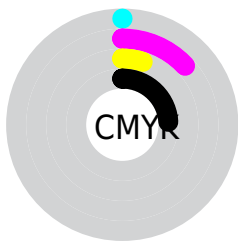
Distribution



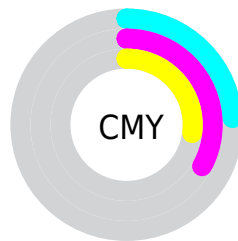
- Red (76%)
- Green (67%)
- Blue (73%)



- Red (76%)
- Yellow (67%)
- Blue (73%)



- Cyan (0%)
- Magenta (13%)
- Yellow (5%)
- Black (24%)




- Cyan (24%)
- Magenta (33%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.8967, 0.3218, 0.3088 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 43.8967, 0.3218, 0.3088 by changing the saturation by 10% instead.


 43.8967, 0.3218,
0.3088

 43.8967, 0.3218,
0.3088

362.2866, 0.3173,
0.3189

 30.5893, 0.3229,
0.3063


 81.0623, 0.3202,
0.3124

 20.2863, 0.3243,
0.3031


105.6893, 0.3196,
0.3138

 12.6033, 0.3262,
0.2989

134.8582, 0.3190,
0.3150

 7.1560, 0.3289,
0.2930

168.9536, 0.3186,
0.3160

 3.5598, 0.3328,
0.2842

208.3597, 0.3182,
0.3168

 1.4305, 0.3392,
0.2699

253.4609, 0.3179,

 0.2391, 0.3812,

0.3176

0.1765

304.6418, 0.3176,
0.3183

0.0000, 0.0000,
0.0000

43.8967, 0.3218,
0.3088

43.8967, 0.3218,
0.3088

36.8295, 0.3304,
0.2923

52.0670, 0.3145,
0.3247

30.8118, 0.3404,
0.2756

61.3795, 0.3085,
0.3397

25.7943, 0.3520,
0.2592

71.8785, 0.3034,
0.3536

21.7212, 0.3652,
0.2441

83.6040, 0.2992,
0.3666

18.5315, 0.3797,
0.2312

88.3527, 0.2954,
0.3658

■ 16.1567, 0.3953,
0.2218

■ 88.7358, 0.2917,
0.3580

■ 14.5182, 0.4114,
0.2167

■ 89.1349, 0.2880,
0.3502

■ 13.5219, 0.4273,
0.2166

■ 89.5501, 0.2843,
0.3425

■ 13.0762, 0.4387,
0.2190

■ 89.9815, 0.2807,
0.3349

Harmonies

Analogous

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



43.8967, 0.3033, 0.3002



43.8967, 0.3218, 0.3088



43.8967, 0.3382, 0.3225

Triad

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



43.8967, 0.3218, 0.3088



43.8967, 0.3377, 0.3602



43.8967, 0.2789, 0.3182

Complementary

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



43.8967, 0.3218, 0.3088



50.8375, 0.3046, 0.3501

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.



43.8967, 0.2876, 0.3350



43.8967, 0.3218, 0.3088



43.8967, 0.3214, 0.3599

Square

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



43.8967, 0.3218, 0.3088



43.8967, 0.3475, 0.3520



43.8967, 0.3030, 0.3506



43.8967, 0.2790, 0.3050

Rectangle

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



43.8967, 0.3218, 0.3088



43.8967, 0.3456, 0.3329



43.8967, 0.3030, 0.3506



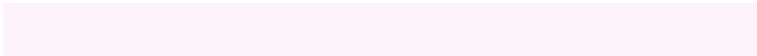
43.8967, 0.2809, 0.3236

Sweetspot

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



43.8986, 0.3218, 0.3088



91.3212, 0.3154, 0.3228



42.2453, 0.3000, 0.2964



19.7415, 0.3159, 0.3216



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.



43.8986, 0.3218, 0.3088



75.3878, 0.3237, 0.3049



43.4002, 0.3325, 0.3242



10.1839, 0.3191, 0.3144



8.5142, 0.4366, 0.2179



0.3807, 0.4045, 0.2002

Inverse Universe

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



43.8986, 0.3218, 0.3088



75.3878, 0.3237, 0.3049



51.3550, 0.2960, 0.3338



10.1839, 0.3191, 0.3144



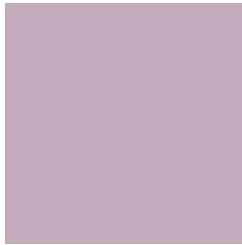
8.5142, 0.4366, 0.2179



0.3807, 0.4045, 0.2002

Previews

White Background



This preview shows how the Yxy color 43.8967, 0.3218, 0.3088 looks on a white background.

Color Contrast Check

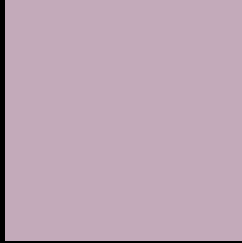
Large Text (above 18pt) WCAG AA × Fail

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 43.8967, 0.3218, 0.3088 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 43.8967, 0.3218, 0.3088

Background



This preview shows how black text looks on a background with the Yxy color 43.8967, 0.3218, 0.3088.



This preview shows how white text looks on a background with the Yxy color 43.8967, 0.3218, 0.3088.

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

43.8967, 0.3218, 0.3088

Protanopia

44.1155, 0.3024, 0.3106

Deuteranopia

43.9974, 0.3171, 0.3111



Tritanopia

43.8122, 0.3235, 0.3113

Trichromacy



Original Color

43.8967, 0.3218, 0.3088

Protanomaly

44.1366, 0.3093, 0.3096

Deuteranomaly

43.8775, 0.3190, 0.3099

Tritanomaly

43.8543, 0.3226, 0.3100

Monochromacy



Original Color

43.8967, 0.3218, 0.3088

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.7424, 0.3157, 0.3212

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.8967, 0.3218, 0.3088 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(195, 170, 186)` looks like.

```
.text, #text, p{  
    color:rgb(195, 170, 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(195, 170, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 170, 186) }
```

Border

The CSS property to change the border of an element to Yxy 43.8967, 0.3218, 0.3088 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(195, 170, 186) }
```

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

```
.border{ border-color:rgb(195, 170, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 170, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 170, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 170, 186);  
box-shadow:4px 4px 4px 4px rgb(195, 170,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 43.8967, 0.3218, 0.3088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 170, 186) }
```

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

```
.background{ background-color: rgb(195,  
170, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor