

Converting Colors

$Yxy(43.3904, 0.3210, 0.3074)$

Have a look what the booklet for
Yxy(43.3904, 0.3210, 0.3074)
contains.

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Color

Yxy(43.3904, 0.3210, 0.3074)

Conversions

Conversions Part 1

Format	Color
Hex	C2A9BA
RGB	194, 169, 186
RGB Percent	76%, 66%, 73%
CMY	0.2390, 0.3373, 0.2705
CMYK	0.00, 0.13, 0.04, 0.24
HSL	319°, 17%, 71%
HSV	319°, 13%, 76%
XYZ	45.3101, 43.3904, 52.4524
YIQ	178.4130, 9.4430, 10.5870

Conversions

Conversions Part 2

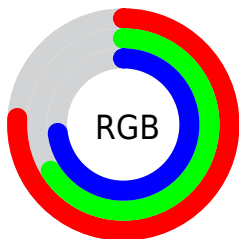
Format	Color
R_{YB}	194, 169, 186
Decimal	12757434
CIE _{Lab}	71.82, 12.06, -5.37
CIE _{LCh}	72, 13.202, 335.996
Yxy	43.3904, 0.3210, 0.3074
Android (android.graphics.Color)	4290947514 (0xFFC2A9BA)
YUV	178.4130, 3.7404, 13.6698
Hunter-Lab	65.8714, 7.5075, -1.1018

Details

The Yxy color **43.3904, 0.3210, 0.3074** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.2142, 0.3053, 0.3516**, and the grayscale version is **44.7309, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.2313, 0.3198, 0.3112**, and **19.9915, 0.3228, 0.3014** is the 20% darker color. If you saturate the color by 10%, you get **36.4421, 0.3287, 0.2899**, and if you desaturate by 10%, it is **51.4255, 0.3144, 0.3242**.

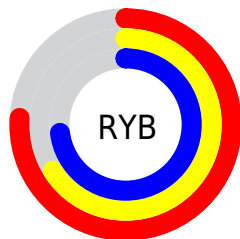
Distribution



Red (76%)

Green (66%)

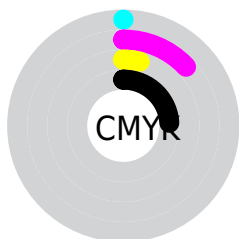
Blue (73%)



Red (76%)

Yellow (66%)

Blue (73%)

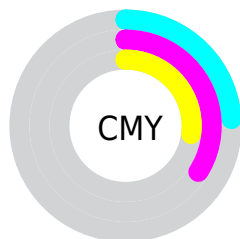


Cyan (0%)

Magenta (13%)

Yellow (4%)

Black (24%)



Cyan (24%)


Magenta (34%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.3904, 0.3210, 0.3074 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 43.3904, 0.3210, 0.3074 by changing the saturation by 10% instead.


 43.3904, 0.3210,
0.3074


 43.3904, 0.3210,
0.3074


360.2148, 0.3169,
0.3182

 30.1915, 0.3220,
0.3047


 80.2997, 0.3195,
0.3113

 19.9840, 0.3233,
0.3013


 104.7789, 0.3190,
0.3128

 12.3834, 0.3250,
0.2968


133.7870, 0.3185,
0.3140

 7.0054, 0.3274,
0.2904

167.7084, 0.3181,
0.3151

 3.4655, 0.3309,
0.2811

206.9274, 0.3177,
0.3160

 1.3793, 0.3366,
0.2657

251.8286, 0.3174,

 0.2014, 0.3790,

0.3168

0.1571

302.7963, 0.3171,
0.3175

0.0000, 0.0000,
0.0000

43.3904, 0.3210,
0.3074

43.3904, 0.3210,
0.3074

36.4421, 0.3287,
0.2899

51.4255, 0.3144,
0.3242

30.5277, 0.3377,
0.2723

60.5859, 0.3089,
0.3402

25.5985, 0.3480,
0.2550

70.9154, 0.3043,
0.3551

21.5994, 0.3596,
0.2391

82.4535, 0.3004,
0.3689

18.4700, 0.3723,
0.2255

88.0111, 0.2970,
0.3705

■ 16.1429, 0.3857,
0.2153

■ 88.3409, 0.2937,
0.3635

■ 14.5403, 0.3995,
0.2095

■ 88.6831, 0.2904,
0.3565

■ 13.5691, 0.4132,
0.2086

■ 89.0377, 0.2871,
0.3496

■ 13.1389, 0.4228,
0.2103

■ 89.4048, 0.2839,
0.3428

Harmonies

Analogous

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



43.3904, 0.3019, 0.2989



43.3904, 0.3210, 0.3074



43.3904, 0.3383, 0.3213

Triad

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



43.3904, 0.3210, 0.3074



43.3904, 0.3394, 0.3611



43.3904, 0.2780, 0.3188

Complementary

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



43.3904, 0.3210, 0.3074



50.2142, 0.3053, 0.3516

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.



43.3904, 0.2875, 0.3363



43.3904, 0.3210, 0.3074



43.3904, 0.3228, 0.3613

Square

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



43.3904, 0.3210, 0.3074



43.3904, 0.3491, 0.3521



43.3904, 0.3037, 0.3522



43.3904, 0.2775, 0.3048

Rectangle

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



43.3904, 0.3210, 0.3074



43.3904, 0.3462, 0.3321



43.3904, 0.3037, 0.3522



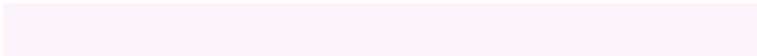
43.3904, 0.2803, 0.3244

Sweetspot

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



43.3923, 0.3210, 0.3074



91.3466, 0.3151, 0.3224



41.6055, 0.2992, 0.2961



19.7481, 0.3156, 0.3211



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.



43.3923, 0.3210, 0.3074



74.1578, 0.3234, 0.3016



42.8859, 0.3319, 0.3231



10.1908, 0.3185, 0.3135



8.6489, 0.4211, 0.2093



0.3858, 0.3935, 0.1941

Inverse Universe

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



43.3923, 0.3210, 0.3074



74.1578, 0.3234, 0.3016



50.7333, 0.2964, 0.3350



10.1908, 0.3185, 0.3135



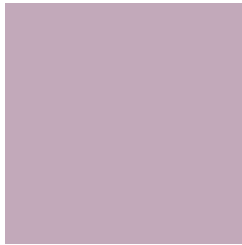
8.6489, 0.4211, 0.2093



0.3858, 0.3935, 0.1941

Previews

White Background



This preview shows how the Yxy color 43.3904, 0.3210, 0.3074 looks on a white background.

Color Contrast Check

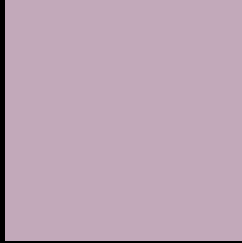
Large Text (above 18pt) WCAG AA × Fail

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 43.3904, 0.3210, 0.3074 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 43.3904, 0.3210, 0.3074

Background



This preview shows how black text looks on a background with the Yxy color 43.3904, 0.3210, 0.3074.



This preview shows how white text looks on a background with the Yxy color 43.3904, 0.3210, 0.3074.

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

43.3904, 0.3210, 0.3074

Protanopia

43.4916, 0.3007, 0.3092

Deuteranopia

43.4898, 0.3163, 0.3097



Tritanopia

43.6377, 0.3235, 0.3125

Trichromacy



Original Color

43.3904, 0.3210, 0.3074

Protanomaly

43.5063, 0.3076, 0.3082

Deuteranomaly

43.3710, 0.3182, 0.3086

Tritanomaly

43.6795, 0.3226, 0.3112

Monochromacy



Original Color

43.3904, 0.3210, 0.3074

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.1865, 0.3157, 0.3212

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.3904, 0.3210, 0.3074 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(194, 169, 186)` looks like.

```
.text, #text, p{  
    color:rgb(194, 169, 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(194, 169, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 169, 186) }
```

Border

The CSS property to change the border of an element to Yxy 43.3904, 0.3210, 0.3074 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(194, 169, 186) }
```

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

```
.border{ border-color:rgb(194, 169, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 169, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 169, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 169, 186);  
box-shadow:4px 4px 4px 4px rgb(194, 169,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 43.3904, 0.3210, 0.3074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 169, 186) }
```

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

```
.background{ background-color: rgb(194,  
169, 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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