

Converting Colors

Yxy(43.8915, 0.3289, 0.3168)

Have a look what the booklet for
Yxy(43.8915, 0.3289, 0.3168)
contains.

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Color

Yxy(43.9151, 0.3288, 0.3164)

Conversions

Conversions Part 1

Format	Color
Hex	C5AAB4
RGB	197, 170, 180
RGB Percent	77%, 67%, 71%
CMY	0.2275, 0.3333, 0.2942
CMYK	0.00, 0.14, 0.09, 0.23
HSL	338°, 19%, 72%
HSV	338°, 14%, 77%
XYZ	45.6362, 43.9151, 49.2449
YIQ	179.2130, 12.8820, 8.8340

Conversions

Conversions Part 2

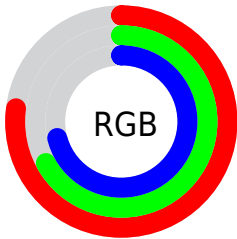
Format	Color
R_{YB}	197, 170, 180
Decimal	12954292
CIE _{Lab}	72.17, 11.48, -1.50
CIE _{LCh}	72, 11.573, 352.556
Yxy	43.9151, 0.3288, 0.3164
Android (android.graphics.Color)	4291144372 (0xFFC5AAB4)
YUV	179.2130, 0.3880, 15.5992
Hunter-Lab	66.2685, 6.9553, 2.3288

Details

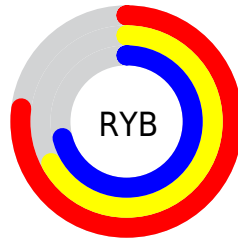
The Yxy color **43.9151, 0.3288, 0.3164** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.0642, 0.2989, 0.3420**, and the grayscale version is **45.1918, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.9774, 0.3258, 0.3181**, and **20.3288, 0.3338, 0.3136** is the 20% darker color. If you saturate the color by 10%, you get **36.5924, 0.3436, 0.3066**, and if you desaturate by 10%, it is **52.3936, 0.3166, 0.3257**.

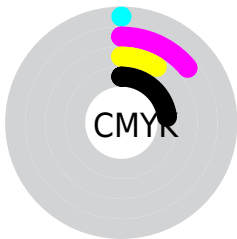
Distribution



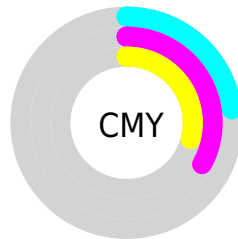
- Red (77%)
- Green (67%)
- Blue (71%)



- Red (77%)
- Yellow (67%)
- Blue (71%)



- Cyan (0%)
- Magenta (14%)
- Yellow (9%)
- Black (23%)





- Cyan (23%)
- Magenta (33%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.9151, 0.3288, 0.3164 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 43.9151, 0.3288, 0.3164 by changing the saturation by 10% instead.


 43.9151, 0.3288,
0.3164

 43.9151, 0.3288,
0.3164


362.3617, 0.3207,
0.3227

 30.6038, 0.3308,
0.3148


 81.0900, 0.3258,
0.3187

 20.2973, 0.3335,
0.3128


105.7223, 0.3247,
0.3196

 12.6114, 0.3370,
0.3100


134.8971, 0.3238,
0.3203

 7.1615, 0.3420,
0.3062

168.9987, 0.3230,
0.3209

 3.5633, 0.3496,
0.3004

208.4116, 0.3223,
0.3215

 1.4324, 0.3624,
0.2908

253.5202, 0.3217,

 0.2404, 0.4559,

0.3219

0.2155

304.7087, 0.3212,
0.3224

0.0000, 0.0000,
0.0000

43.9151, 0.3288,
0.3164

43.9151, 0.3288,
0.3164

36.5924, 0.3436,
0.3066

52.3936, 0.3166,
0.3257

30.3696, 0.3616,
0.2966

62.0694, 0.3067,
0.3344

25.1945, 0.3831,
0.2869

72.9887, 0.2985,
0.3424

21.0086, 0.4083,
0.2782

85.1938, 0.2918,
0.3498

17.7475, 0.4372,
0.2715

89.8033, 0.2855,
0.3427

■ 15.3391, 0.4688,
0.2681

■ 90.5750, 0.2792,
0.3295

■ 13.7005, 0.5014,
0.2692

■ 90.6092, 0.2789,
0.3289

■ 12.7317, 0.5327,
0.2753

■ 12.3484, 0.5510,
0.2809

Harmonies

Analogous

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



43.9151, 0.3124, 0.3060



43.9151, 0.3288, 0.3164



43.9151, 0.3410, 0.3301

Triad

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



43.9151, 0.3288, 0.3164



43.9151, 0.3286, 0.3581



43.9151, 0.2811, 0.3128

Complementary

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



43.9151, 0.3288, 0.3164



52.0642, 0.2989, 0.3420

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.



43.9151, 0.2852, 0.3268



43.9151, 0.3288, 0.3164



43.9151, 0.3123, 0.3536

Square

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



43.9151, 0.3288, 0.3164



43.9151, 0.3408, 0.3543



43.9151, 0.2965, 0.3420



43.9151, 0.2852, 0.3036

Rectangle

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



43.9151, 0.3288, 0.3164



43.9151, 0.3449, 0.3396



43.9151, 0.2965, 0.3420



43.9151, 0.2815, 0.3171

Sweetspot

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



43.9170, 0.3288, 0.3164



93.2568, 0.3170, 0.3254



43.3043, 0.3052, 0.2946



19.6978, 0.3179, 0.3247



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.



43.9170, 0.3288, 0.3164



75.1278, 0.3323, 0.3139



44.7194, 0.3371, 0.3331



10.7007, 0.3233, 0.3205



8.1378, 0.5476, 0.2790



0.3993, 0.4903, 0.2475

Inverse Universe

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



43.9170, 0.3288, 0.3164



75.1278, 0.3323, 0.3139



51.0920, 0.2919, 0.3249



10.7007, 0.3233, 0.3205



8.1378, 0.5476, 0.2790



0.3993, 0.4903, 0.2475

Previews

White Background



This preview shows how the Yxy color 43.9151, 0.3288, 0.3164 looks on a white background.

Color Contrast Check

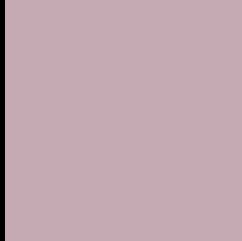
Large Text (above 18pt) WCAG AA × Fail

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 43.9151, 0.3288, 0.3164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

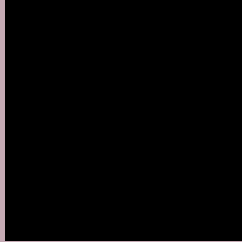
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.9151, 0.3288, 0.3164

Background



This preview shows how black text looks on a background with the Yxy color 43.9151, 0.3288, 0.3164.



This preview shows how white text looks on a background with the Yxy color 43.9151, 0.3288, 0.3164.

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

43.9151, 0.3288, 0.3164

Protanopia

43.9763, 0.3080, 0.3184

Deuteranopia

44.1378, 0.3249, 0.3188



Tritanopia

44.0387, 0.3262, 0.3126

Trichromacy



Original Color

43.9151, 0.3288, 0.3164

Protanomaly

44.0053, 0.3150, 0.3173

Deuteranomaly

43.8904, 0.3259, 0.3175

Tritanomaly

43.9972, 0.3271, 0.3139

Monochromacy



Original Color

43.9151, 0.3288, 0.3164

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.7444, 0.3191, 0.3251

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.9151, 0.3288, 0.3164 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(197, 170, 180)` looks like.

```
.text, #text, p{  
    color:rgb(197, 170, 180)  
}
```

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(197, 170, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 170, 180) }
```

Border

The CSS property to change the border of an element to Yxy 43.9151, 0.3288, 0.3164 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(197, 170, 180) }
```

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

```
.border{ border-color:rgb(197, 170, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 170, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 170, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 170, 180);  
box-shadow:4px 4px 4px 4px rgb(197, 170,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 43.9151, 0.3288, 0.3164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 170, 180) }
```

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

```
.background{ background-color: rgb(197,  
170, 180) }
```

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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