

Converting Colors

$Yxy(38.1892, 0.3366, 0.2967)$

Have a look what the booklet for
Yxy(38.1892, 0.3366, 0.2967)
contains.

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Color

Yxy(38.0883, 0.3370, 0.2961)

Conversions

Conversions Part 1

Format	Color
Hex	C998B2
RGB	201, 152, 178
RGB Percent	79%, 60%, 70%
CMY	0.2118, 0.4039, 0.3019
CMYK	0.00, 0.24, 0.11, 0.21
HSL	328°, 31%, 69%
HSV	328°, 24%, 79%
XYZ	43.3494, 38.0883, 47.1955
YIQ	169.6150, 20.8580, 18.4740

Conversions

Conversions Part 2

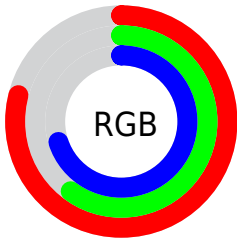
Format	Color
R _Y B	201, 152, 178
Decimal	13211826
CIE Lab	68.09, 22.44, -6.38
CIE LCh	68, 23.326, 344.115
Yxy	38.0883, 0.3370, 0.2961
Android (android.graphics.Color)	4291401906 (0xFFC998B2)
YUV	169.6150, 4.1338, 27.5246
Hunter-Lab	61.7157, 17.3767, -2.1395

Details

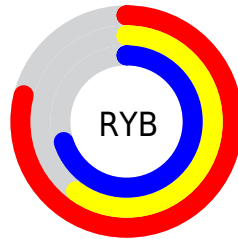
The Yxy color **38.0883, 0.3370, 0.2961** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **51.5361, 0.2940, 0.3645**, and the grayscale version is **39.9690, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.8262, 0.3297, 0.3020**, and **16.8990, 0.3442, 0.2879** is the 20% darker color. If you saturate the color by 10%, you get **31.7431, 0.3504, 0.2820**, and if you desaturate by 10%, it is **45.5684, 0.3257, 0.3100**.

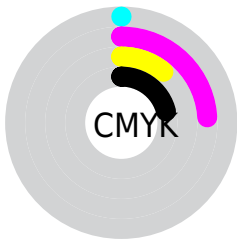
Distribution



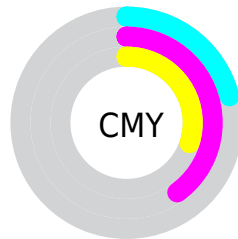
- Red (79%)
- Green (60%)
- Blue (70%)



- Red (79%)
- Yellow (60%)
- Blue (70%)



- Cyan (0%)
- Magenta (24%)
- Yellow (11%)
- Black (21%)





- Cyan (21%)
- Magenta (40%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.0883, 0.3370, 0.2961 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 38.0883, 0.3370, 0.2961 by changing the saturation by 10% instead.

 38.0883, 0.3370,
0.2961


 38.0883, 0.3370,
0.2961


337.9986, 0.3247,
0.3127

 26.0512, 0.3401,
0.2919


 72.2435, 0.3325,
0.3022

 16.8620, 0.3442,
0.2865


 95.1303, 0.3308,
0.3044

 10.1361, 0.3497,
0.2793


122.4026, 0.3294,
0.3063

 5.4893, 0.3576,
0.2692

154.4447, 0.3281,
0.3080

 2.5371, 0.3695,
0.2538

191.6409, 0.3271,
0.3094

 0.8952, 0.3901,
0.2282

234.3757, 0.3262,

 0.0000, 0.6163,

0.3106

0.0000

283.0335, 0.3254,
0.3117

0.0000, 0.0000,
0.0000

38.0883, 0.3370,
0.2961

38.0883, 0.3370,
0.2961

31.7431, 0.3504,
0.2820

45.5684, 0.3257,
0.3100

26.4715, 0.3661,
0.2682

54.2305, 0.3163,
0.3234

22.2140, 0.3842,
0.2557

64.1253, 0.3085,
0.3360

18.9034, 0.4044,
0.2456

75.2991, 0.3020,
0.3477

16.4642, 0.4264,
0.2389

87.7956, 0.2967,
0.3585

■ 14.8093, 0.4491,
0.2370

■ 89.9084, 0.2917,
0.3507

■ 13.8329, 0.4715,
0.2404

■ 90.4664, 0.2867,
0.3405

■ 13.4712, 0.4839,
0.2439

■ 91.0536, 0.2819,
0.3306

■ 91.1552, 0.2811,
0.3289

Harmonies

Analogous

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



38.0883, 0.3015, 0.2781



38.0883, 0.3370, 0.2961



38.0883, 0.3670, 0.3220

Triad

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



38.0883, 0.3370, 0.2961



38.0883, 0.3539, 0.3905



38.0883, 0.2483, 0.3010

Complementary

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



38.0883, 0.3370, 0.2961



51.5361, 0.2940, 0.3645

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.



38.0883, 0.2606, 0.3327



38.0883, 0.3370, 0.2961



38.0883, 0.3209, 0.3873

Square

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



38.0883, 0.3370, 0.2961



38.0883, 0.3767, 0.3761



38.0883, 0.2868, 0.3655



38.0883, 0.2519, 0.2795

Rectangle

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



38.0883, 0.3370, 0.2961



38.0883, 0.3790, 0.3412



38.0883, 0.2868, 0.3655



38.0883, 0.2507, 0.3108

Sweetspot

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



38.0900, 0.3370, 0.2961



88.6078, 0.3187, 0.3198



35.7742, 0.2914, 0.2645



18.7661, 0.3193, 0.3190



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.



38.0900, 0.3370, 0.2961



59.5125, 0.3435, 0.2890



37.1961, 0.3615, 0.3270



10.7295, 0.3208, 0.3168



8.4904, 0.4809, 0.2423



0.4166, 0.4387, 0.2191

Inverse Universe

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



38.0900, 0.3370, 0.2961



59.5125, 0.3435, 0.2890



52.5818, 0.2782, 0.3311



10.7295, 0.3208, 0.3168



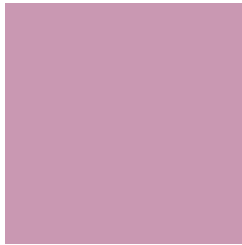
8.4904, 0.4809, 0.2423



0.4166, 0.4387, 0.2191

Previews

White Background



This preview shows how the Yxy color 38.0883, 0.3370, 0.2961 looks on a white background.

Color Contrast Check

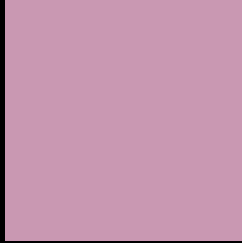
Large Text (above 18pt) WCAG AA × Fail

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 38.0883, 0.3370, 0.2961 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

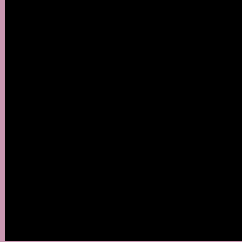
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.0883, 0.3370, 0.2961

Background



This preview shows how black text looks on a background with the Yxy color 38.0883, 0.3370, 0.2961.



This preview shows how white text looks on a background with the Yxy color 38.0883, 0.3370, 0.2961.

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

38.0883, 0.3370, 0.2961

Protanopia

38.2420, 0.2934, 0.2999

Deuteranopia

38.0893, 0.3156, 0.3087



Tritanopia

38.0065, 0.3465, 0.3136

Trichromacy



Original Color

38.0883, 0.3370, 0.2961

Protanomaly

37.9076, 0.3086, 0.2980

Deuteranomaly

38.0671, 0.3225, 0.3038

Tritanomaly

37.9641, 0.3437, 0.3073

Monochromacy



Original Color

38.0883, 0.3370, 0.2961

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.0353, 0.3209, 0.3155

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.0883, 0.3370, 0.2961 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, 152, 178)` looks like.

```
.text, #text, p{  
    color:rgb(201, 152, 178)  
}
```

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, 152, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 152, 178) }
```

Border

The CSS property to change the border of an element to Yxy 38.0883, 0.3370, 0.2961 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, 152, 178) }
```

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

```
.border{ border-color:rgb(201, 152, 178) }
```

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

Here you see how a box with a 4 pixel rgb(201, 152, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 152, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 152, 178);  
box-shadow:4px 4px 4px 4px rgb(201, 152,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 38.0883, 0.3370, 0.2961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 152, 178) }
```

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

```
.background{ background-color: rgb(201,  
152, 178) }
```

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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