

Converting Colors

Yxy(37.1074, 0.3379, 0.2910)

Have a look what the booklet for
Yxy(37.1074, 0.3379, 0.2910)
contains.

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Color

Yxy(36.9910, 0.3377, 0.2899)

Conversions

Conversions Part 1

Format	Color
Hex	CA94B3
RGB	202, 148, 179
RGB Percent	79%, 58%, 70%
CMY	0.2077, 0.4196, 0.2980
CMYK	0.00, 0.27, 0.11, 0.21
HSL	326°, 34%, 69%
HSV	326°, 27%, 79%
XYZ	43.0902, 36.9910, 47.5179
YIQ	167.6800, 22.2330, 21.0890

Conversions

Conversions Part 2

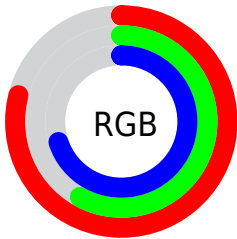
Format	Color
R _Y B	202, 148, 179
Decimal	13276339
CIE Lab	67.27, 25.18, -8.13
CIE LCh	67, 26.463, 342.099
Yxy	36.9910, 0.3377, 0.2899
Android (android.graphics.Color)	4291466419 (0xFFCA94B3)
YUV	167.6800, 5.5808, 30.0986
Hunter-Lab	60.8202, 20.0292, -3.7482

Details

The Yxy color **36.9910, 0.3377, 0.2899** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **51.4923, 0.2938, 0.3717**, and the grayscale version is **38.9585, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.4992, 0.3295, 0.2960**, and **16.2588, 0.3452, 0.2796** is the 20% darker color. If you saturate the color by 10%, you get **30.8612, 0.3503, 0.2748**, and if you desaturate by 10%, it is **44.2520, 0.3270, 0.3050**.

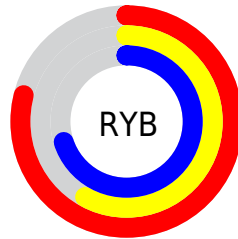
Distribution



Red (79%)

Green (58%)

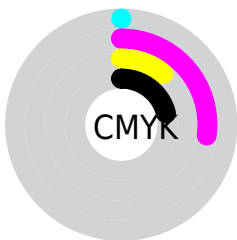
Blue (70%)



Red (79%)

Yellow (58%)

Blue (70%)

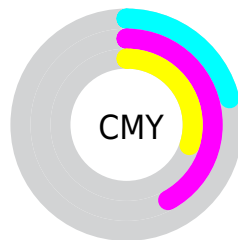


Cyan (0%)

Magenta (27%)

Yellow (11%)

Black (21%)



Cyan (21%)


Magenta (42%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.9910, 0.3377, 0.2899 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 36.9910, 0.3377, 0.2899 by changing the saturation by 10% instead.


 36.9910, 0.3377,
0.2899


 36.9910, 0.3377,
0.2899


333.2716, 0.3250,
0.3096

 25.2005, 0.3409,
0.2849


 70.5589, 0.3331,
0.2971

 16.2265, 0.3451,
0.2786


 93.1052, 0.3313,
0.2998

 9.6846, 0.3507,
0.2700


120.0055, 0.3299,
0.3020

 5.1903, 0.3587,
0.2581

151.6442, 0.3286,
0.3040

 2.3594, 0.3708,
0.2401

188.4058, 0.3275,
0.3057

 0.8049, 0.3916,
0.2098

230.6746, 0.3266,

 0.0000, 0.5775,

0.3071

0.0000

278.8351, 0.3258,
0.3084

0.0000, 0.0000,
0.0000

36.9910, 0.3377,
0.2899

36.9910, 0.3377,
0.2899

30.8612, 0.3503,
0.2748

44.2520, 0.3270,
0.3050

25.7996, 0.3650,
0.2602

52.6930, 0.3179,
0.3196

21.7450, 0.3817,
0.2472

62.3656, 0.3104,
0.3334

18.6275, 0.4001,
0.2369

73.3174, 0.3042,
0.3463

16.3684, 0.4197,
0.2304

85.5931, 0.2990,
0.3582

■ 14.8759, 0.4398,
0.2287

■ 89.8314, 0.2944,
0.3549

■ 14.0293, 0.4595,
0.2323

■ 90.3290, 0.2898,
0.3456

■ 13.8206, 0.4659,
0.2340

■ 90.8508, 0.2853,
0.3364

■ 91.3011, 0.2816,
0.3289

Harmonies

Analogous

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



36.9910, 0.2971, 0.2704



36.9910, 0.3377, 0.2899



36.9910, 0.3732, 0.3186

Triad

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



36.9910, 0.3377, 0.2899



36.9910, 0.3618, 0.3989



36.9910, 0.2399, 0.2988

Complementary

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



36.9910, 0.3377, 0.2899



51.4923, 0.2938, 0.3717

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.



36.9910, 0.2549, 0.3356



36.9910, 0.3377, 0.2899



36.9910, 0.3244, 0.3973

Square

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



36.9910, 0.3377, 0.2899



36.9910, 0.3870, 0.3807



36.9910, 0.2853, 0.3734



36.9910, 0.2427, 0.2736

Rectangle

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



36.9910, 0.3377, 0.2899



36.9910, 0.3878, 0.3402



36.9910, 0.2853, 0.3734



36.9910, 0.2429, 0.3101

Sweetspot

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



36.9927, 0.3377, 0.2899



87.1205, 0.3191, 0.3176



34.0453, 0.2864, 0.2570



18.1618, 0.3204, 0.3154



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.



36.9927, 0.3377, 0.2899



56.4801, 0.3446, 0.2813



36.0211, 0.3650, 0.3233



11.3198, 0.3202, 0.3158



8.9084, 0.4634, 0.2326



0.4746, 0.4282, 0.2133

Inverse Universe

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



36.9927, 0.3377, 0.2899



56.4801, 0.3446, 0.2813



52.6068, 0.2768, 0.3349



11.3198, 0.3202, 0.3158



8.9084, 0.4634, 0.2326



0.4746, 0.4282, 0.2133

Previews

White Background



This preview shows how the Yxy color 36.9910, 0.3377, 0.2899 looks on a white background.

Color Contrast Check

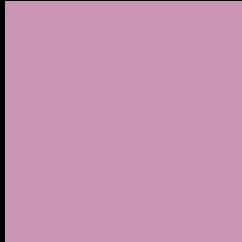
Large Text (above 18pt) WCAG AA × Fail

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 36.9910, 0.3377, 0.2899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

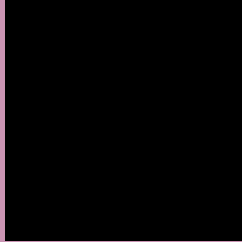
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.9910, 0.3377, 0.2899

Background



This preview shows how black text looks on a background with the Yxy color 36.9910, 0.3377, 0.2899.



This preview shows how white text looks on a background with the Yxy color 36.9910, 0.3377, 0.2899.

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

36.9910, 0.3377, 0.2899

Protanopia

37.2988, 0.2892, 0.2941

Deuteranopia

36.9693, 0.3110, 0.3043



Tritanopia

37.0212, 0.3522, 0.3149

Trichromacy



Original Color

36.9910, 0.3377, 0.2899

Protanomaly

37.0705, 0.3050, 0.2925

Deuteranomaly

36.8474, 0.3200, 0.2983

Tritanomaly

37.0574, 0.3473, 0.3060

Monochromacy



Original Color

36.9910, 0.3377, 0.2899

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.1716, 0.3210, 0.3141

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.9910, 0.3377, 0.2899 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(202, 148, 179)` looks like.

```
.text, #text, p{  
    color:rgb(202, 148, 179)  
}
```

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(202, 148, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 148, 179) }
```

Border

The CSS property to change the border of an element to Yxy 36.9910, 0.3377, 0.2899 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(202, 148, 179) }
```

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

```
.border{ border-color:rgb(202, 148, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 148, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 148, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 148, 179);  
box-shadow:4px 4px 4px 4px rgb(202, 148,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 36.9910, 0.3377, 0.2899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 148, 179) }
```

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

```
.background{ background-color: rgb(202,  
148, 179) }
```

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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