

Converting Colors

$Yxy(39.5531, 0.3361, 0.2998)$

Have a look what the booklet for
Yxy(39.5531, 0.3361, 0.2998)
contains.

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Color

Yxy(39.5882, 0.3364, 0.3001)

Conversions

Conversions Part 1

Format	Color
Hex	CA9CB3
RGB	202, 156, 179
RGB Percent	79%, 61%, 70%
CMY	0.2080, 0.3882, 0.2980
CMYK	0.00, 0.23, 0.11, 0.21
HSL	330°, 30%, 70%
HSV	330°, 23%, 79%
XYZ	44.3768, 39.5882, 47.9517
YIQ	172.3760, 20.0330, 16.9050

Conversions

Conversions Part 2

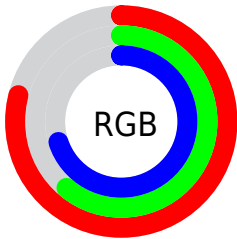
Format	Color
R _{YB}	202, 156, 179
Decimal	13278387
CIE Lab	69.18, 20.76, -5.31
CIE LCh	69, 21.424, 345.650
Yxy	39.5882, 0.3364, 0.3001
Android (android.graphics.Color)	4291468467 (0xFFCA9CB3)
YUV	172.3760, 3.2656, 25.9802
Hunter-Lab	62.9192, 15.7872, -1.1425

Details

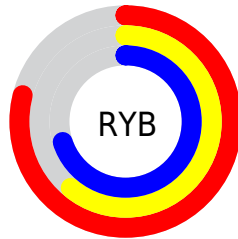
The Yxy color **39.5882, 0.3364, 0.3001** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.5517, 0.2942, 0.3599**, and the grayscale version is **41.4311, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.8467, 0.3286, 0.3051**, and **17.6100, 0.3435, 0.2915** is the 20% darker color. If you saturate the color by 10%, you get **32.9713, 0.3503, 0.2867**, and if you desaturate by 10%, it is **47.3656, 0.3248, 0.3132**.

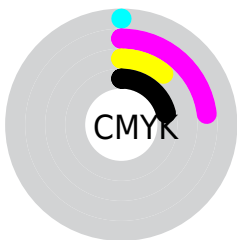
Distribution



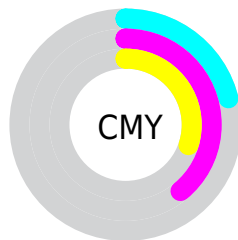
- Red (79%)
- Green (61%)
- Blue (70%)



- Red (79%)
- Yellow (61%)
- Blue (70%)



- Cyan (0%)
- Magenta (23%)
- Yellow (11%)
- Black (21%)





- Cyan (21%)
- Magenta (39%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.5882, 0.3364, 0.3001 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 39.5882, 0.3364, 0.3001 by changing the saturation by 10% instead.


 39.5882, 0.3364,
0.3001


 39.5882, 0.3364,
0.3001


344.3848, 0.3244,
0.3146

 27.2176, 0.3395,
0.2964

 74.5360, 0.3320,
0.3054

 17.7367, 0.3434,
0.2917


 97.8821, 0.3304,
0.3074

 10.7611, 0.3487,
0.2855


125.6554, 0.3290,
0.3091

 5.9065, 0.3563,
0.2766

158.2404, 0.3278,
0.3105

 2.7883, 0.3678,
0.2633

196.0214, 0.3268,
0.3117

 1.0222, 0.3876,
0.2412

239.3829, 0.3259,

 0.0000, 0.6070,

0.3128

0.0000

288.7092, 0.3251,
0.3138

■ 0.0000, 0.0000,
0.0000

■ 39.5882, 0.3364,
0.3001

■ 39.5882, 0.3364,
0.3001

■ 32.9713, 0.3503,
0.2867

■ 47.3656, 0.3248,
0.3132

■ 27.4533, 0.3667,
0.2736

■ 56.3507, 0.3151,
0.3257

■ 22.9749, 0.3858,
0.2616

■ 66.5943, 0.3071,
0.3374

■ 19.4689, 0.4074,
0.2517

■ 78.1430, 0.3005,
0.3483

■ 16.8605, 0.4309,
0.2450

■ 89.7565, 0.2950,
0.3562

■ 15.0634, 0.4555,
0.2430

■ 90.3385, 0.2896,
0.3453

■ 13.9742, 0.4799,
0.2462

■ 90.9538, 0.2843,
0.3345

■ 13.4928, 0.4971,
0.2512

■ 91.2927, 0.2816,
0.3289

Harmonies

Analogous

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



39.5882, 0.3043, 0.2832



39.5882, 0.3364, 0.3001



39.5882, 0.3630, 0.3241

Triad

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



39.5882, 0.3364, 0.3001



39.5882, 0.3489, 0.3850



39.5882, 0.2538, 0.3026

Complementary

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



39.5882, 0.3364, 0.3001



52.5517, 0.2942, 0.3599

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.



39.5882, 0.2645, 0.3310



39.5882, 0.3364, 0.3001



39.5882, 0.3186, 0.3810

Square

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



39.5882, 0.3364, 0.3001



39.5882, 0.3700, 0.3729



39.5882, 0.2878, 0.3606



39.5882, 0.2578, 0.2834

Rectangle

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



39.5882, 0.3364, 0.3001



39.5882, 0.3732, 0.3417



39.5882, 0.2878, 0.3606



39.5882, 0.2557, 0.3113

Sweetspot

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



39.5900, 0.3364, 0.3001



88.5739, 0.3191, 0.3204



37.5374, 0.2937, 0.2692



18.7582, 0.3196, 0.3196



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.



39.5900, 0.3364, 0.3001



61.6396, 0.3425, 0.2939



38.7620, 0.3582, 0.3281



11.3057, 0.3213, 0.3175



8.7031, 0.4941, 0.2496



0.4643, 0.4514, 0.2260

Inverse Universe

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



39.5900, 0.3364, 0.3001



61.6396, 0.3425, 0.2939



53.5244, 0.2798, 0.3299



11.3057, 0.3213, 0.3175



8.7031, 0.4941, 0.2496



0.4643, 0.4514, 0.2260

Previews

White Background



This preview shows how the Yxy color 39.5882, 0.3364, 0.3001 looks on a white background.

Color Contrast Check

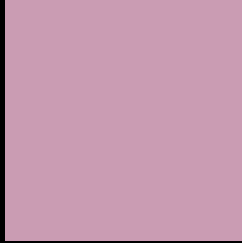
Large Text (above 18pt) WCAG AA × Fail

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 39.5882, 0.3364, 0.3001 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

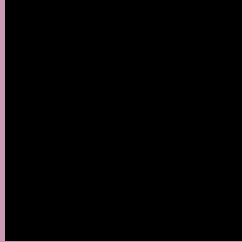
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.5882, 0.3364, 0.3001

Background



This preview shows how black text looks on a background with the Yxy color 39.5882, 0.3364, 0.3001.



This preview shows how white text looks on a background with the Yxy color 39.5882, 0.3364, 0.3001.

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

39.5882, 0.3364, 0.3001

Protanopia

39.7659, 0.2970, 0.3044

Deuteranopia

39.6703, 0.3182, 0.3117



Tritanopia

39.7735, 0.3437, 0.3138

Trichromacy



Original Color

39.5882, 0.3364, 0.3001

Protanomaly

39.6731, 0.3111, 0.3037

Deuteranomaly

39.5229, 0.3242, 0.3068

Tritanomaly

39.5486, 0.3410, 0.3087

Monochromacy



Original Color

39.5882, 0.3364, 0.3001

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.4349, 0.3207, 0.3170

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.5882, 0.3364, 0.3001 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, 156, 179)` looks like.

```
.text, #text, p{  
    color:rgb(202, 156, 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, 156, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 156, 179) }
```

Border

The CSS property to change the border of an element to Yxy 39.5882, 0.3364, 0.3001 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, 156, 179) }
```

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

```
.border{ border-color:rgb(202, 156, 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, 156, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 156, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 156, 179);  
box-shadow:4px 4px 4px 4px rgb(202, 156,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 39.5882, 0.3364, 0.3001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 156, 179) }
```

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

```
.background{ background-color: rgb(202,  
156, 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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