

Converting Colors

$Yxy(39.5926, 0.3479, 0.3078)$

Have a look what the booklet for
Yxy(39.5926, 0.3479, 0.3078)
contains.

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Color

Yxy(39.6866, 0.3483, 0.3079)

Conversions

Conversions Part 1

Format	Color
Hex	CF9BAC
RGB	207, 155, 172
RGB Percent	81%, 61%, 67%
CMY	0.1883, 0.3921, 0.3256
CMYK	0.00, 0.25, 0.17, 0.19
HSL	340°, 35%, 71%
HSV	340°, 25%, 81%
XYZ	44.8939, 39.6866, 44.3139
YIQ	172.4860, 25.5350, 16.3110

Conversions

Conversions Part 2

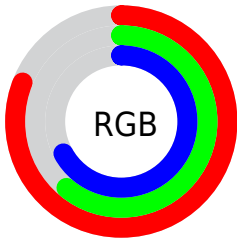
Format	Color
R _Y B	207, 155, 172
Decimal	13605804
CIE Lab	69.25, 21.95, -1.24
CIE LCh	69, 21.988, 356.770
Yxy	39.6866, 0.3483, 0.3079
Android (android.graphics.Color)	4291795884 (0xFFCF9BAC)
YUV	172.4860, -0.2396, 30.2688
Hunter-Lab	62.9973, 16.9597, 2.3920

Details

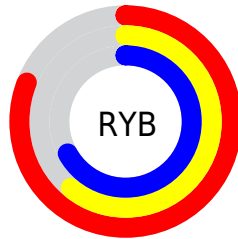
The Yxy color **39.6866, 0.3483, 0.3079** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.3042, 0.2866, 0.3513**, and the grayscale version is **41.5056, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.8992, 0.3344, 0.3120**, and **17.7320, 0.3592, 0.3006** is the 20% darker color. If you saturate the color by 10%, you get **32.8708, 0.3682, 0.2990**, and if you desaturate by 10%, it is **47.7430, 0.3319, 0.3166**.

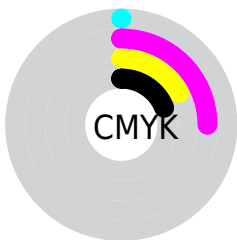
Distribution



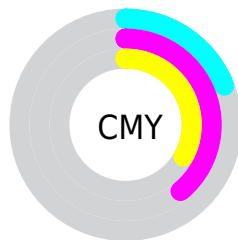
- Red (81%)
- Green (61%)
- Blue (67%)



- Red (81%)
- Yellow (61%)
- Blue (67%)



- Cyan (0%)
- Magenta (25%)
- Yellow (17%)
- Black (19%)





- Cyan (19%)
- Magenta (39%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.6866, 0.3483, 0.3079 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 39.6866, 0.3483, 0.3079 by changing the saturation by 10% instead.

 39.6866, 0.3483,
0.3079


 39.6866, 0.3483,
0.3079


344.8009, 0.3301,
0.3187

 27.2943, 0.3530,
0.3051


 74.6860, 0.3416,
0.3119

 17.7944, 0.3591,
0.3016


 98.0620, 0.3391,
0.3133

 10.8024, 0.3674,
0.2967


125.8678, 0.3370,
0.3146

 5.9342, 0.3793,
0.2898

158.4881, 0.3352,
0.3156

 2.8051, 0.3978,
0.2792

196.3072, 0.3336,
0.3165

 1.0308, 0.4302,
0.2608

239.7094, 0.3323,

 0.0000, 1.0000,

0.3173

0.0000

289.0791, 0.3311,
0.3180

■ 0.0000, 0.0000,
0.0000

■ 39.6866, 0.3483,
0.3079

■ 39.6866, 0.3483,
0.3079

■ 32.8708, 0.3682,
0.2990

■ 47.7430, 0.3319,
0.3166

■ 27.2283, 0.3921,
0.2905

■ 57.0922, 0.3186,
0.3250

■ 22.6936, 0.4201,
0.2831

■ 67.7899, 0.3077,
0.3327

■ 19.1923, 0.4521,
0.2779

■ 79.8870, 0.2987,
0.3399

■ 16.6412, 0.4867,
0.2760

■ 91.1742, 0.2913,
0.3429

■ 14.9437, 0.5217,
0.2786

■ 92.0024, 0.2844,
0.3289

■ 13.9822, 0.5540,
0.2860

■ 13.6746, 0.5685,
0.2906

Harmonies

Analogous

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



39.6866, 0.3163, 0.2874



39.6866, 0.3483, 0.3079



39.6866, 0.3711, 0.3340

Triad

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



39.6866, 0.3483, 0.3079



39.6866, 0.3389, 0.3870



39.6866, 0.2521, 0.2932

Complementary

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



39.6866, 0.3483, 0.3079



55.3042, 0.2866, 0.3513

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.



39.6866, 0.2575, 0.3195



39.6866, 0.3483, 0.3079



39.6866, 0.3066, 0.3763

Square

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



39.6866, 0.3483, 0.3079



39.6866, 0.3650, 0.3802



39.6866, 0.2771, 0.3507



39.6866, 0.2618, 0.2782

Rectangle

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



39.6866, 0.3483, 0.3079



39.6866, 0.3772, 0.3518



39.6866, 0.2771, 0.3507



39.6866, 0.2522, 0.3009

Sweetspot

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



39.6884, 0.3483, 0.3079



86.8143, 0.3223, 0.3225



38.8553, 0.2999, 0.2640



18.0849, 0.3243, 0.3213



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.



39.6884, 0.3483, 0.3079



57.6347, 0.3583, 0.3032



42.0650, 0.3627, 0.3401



11.8710, 0.3240, 0.3214



8.6331, 0.5649, 0.2886



0.4972, 0.5126, 0.2597

Inverse Universe

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



39.6884, 0.3483, 0.3079



57.6347, 0.3583, 0.3032



52.0083, 0.2751, 0.3176



11.8710, 0.3240, 0.3214



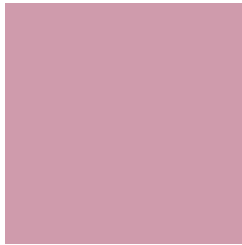
8.6331, 0.5649, 0.2886



0.4972, 0.5126, 0.2597

Previews

White Background



This preview shows how the Yxy color 39.6866, 0.3483, 0.3079 looks on a white background.

Color Contrast Check

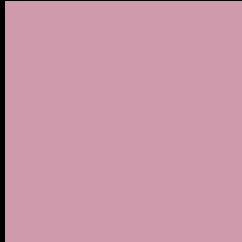
Large Text (above 18pt) WCAG AA × Fail

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 39.6866, 0.3483, 0.3079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

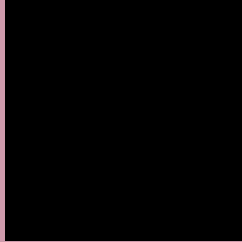
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.6866, 0.3483, 0.3079

Background



This preview shows how black text looks on a background with the Yxy color 39.6866, 0.3483, 0.3079.



This preview shows how white text looks on a background with the Yxy color 39.6866, 0.3483, 0.3079.

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

39.6866, 0.3483, 0.3079

Protanopia

39.7356, 0.3036, 0.3125

Deuteranopia

39.7675, 0.3273, 0.3210



Tritanopia

39.7259, 0.3510, 0.3140

Trichromacy



Original Color

39.6866, 0.3483, 0.3079

Protanomaly

39.4360, 0.3192, 0.3104

Deuteranomaly

39.7675, 0.3345, 0.3160

Tritanomaly

39.7633, 0.3501, 0.3128

Monochromacy



Original Color

39.6866, 0.3483, 0.3079

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.5653, 0.3252, 0.3211

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.6866, 0.3483, 0.3079 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(207, 155, 172)` looks like.

```
.text, #text, p{  
    color:rgb(207, 155, 172)  
}
```

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(207, 155, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 155, 172) }
```

Border

The CSS property to change the border of an element to Yxy 39.6866, 0.3483, 0.3079 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(207, 155, 172) }
```

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

```
.border{ border-color:rgb(207, 155, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 155, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 155, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 155, 172);  
box-shadow:4px 4px 4px 4px rgb(207, 155,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 39.6866, 0.3483, 0.3079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 155, 172) }
```

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

```
.background{ background-color: rgb(207,  
155, 172) }
```

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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