

Converting Colors

$Yxy(39.2446, 0.3312, 0.2877)$

Have a look what the booklet for
Yxy(39.2446, 0.3312, 0.2877)
contains.

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Color

Yxy(39.2077, 0.3312, 0.2869)

Conversions

Conversions Part 1

Format	Color
Hex	CC99BB
RGB	204, 153, 187
RGB Percent	80%, 60%, 73%
CMY	0.2000, 0.4000, 0.2667
CMYK	0.00, 0.25, 0.08, 0.20
HSL	320°, 33%, 70%
HSV	320°, 25%, 80%
XYZ	45.2617, 39.2077, 52.1904
YIQ	172.1250, 19.4820, 21.3860

Conversions

Conversions Part 2

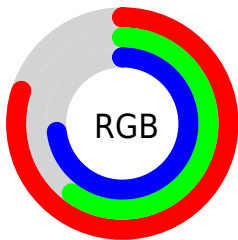
Format	Color
R_{YB}	204, 153, 187
Decimal	13408699
CIE _{Lab}	68.90, 24.50, -10.14
CIE _{LCh}	69, 26.513, 337.515
Yxy	39.2077, 0.3312, 0.2869
Android (android.graphics.Color)	4291598779 (0xFFCC99BB)
YUV	172.1250, 7.3334, 27.9544
Hunter-Lab	62.6161, 19.4498, -5.5869

Details

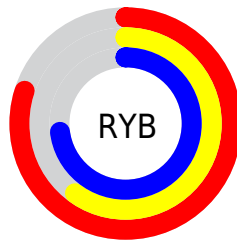
The Yxy color **39.2077, 0.3312, 0.2869** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **52.8617, 0.2980, 0.3752**, and the grayscale version is **41.2771, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.8428, 0.3232, 0.2944**, and **17.4182, 0.3359, 0.2740** is the 20% darker color. If you saturate the color by 10%, you get **32.8078, 0.3409, 0.2695**, and if you desaturate by 10%, it is **46.7665, 0.3229, 0.3042**.

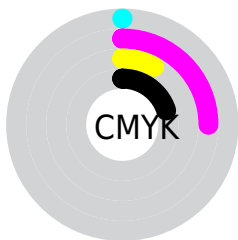
Distribution



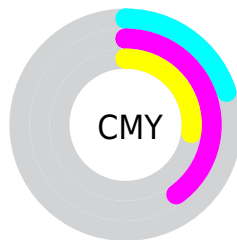
- Red (80%)
- Green (60%)
- Blue (73%)



- Red (80%)
- Yellow (60%)
- Blue (73%)



- Cyan (0%)
- Magenta (25%)
- Yellow (8%)
- Black (20%)




- Cyan (20%)
- Magenta (40%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.2077, 0.3312, 0.2869 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 39.2077, 0.3312, 0.2869 by changing the saturation by 10% instead.


 39.2077, 0.3312,
0.2869


 39.2077, 0.3312,
0.2869


342.7727, 0.3220,
0.3078

 26.9213, 0.3335,
0.2817


 73.9555, 0.3279,
0.2945

 17.5142, 0.3363,
0.2751


 97.1857, 0.3266,
0.2973

 10.6017, 0.3402,
0.2663


124.8327, 0.3256,
0.2997

 5.7997, 0.3454,
0.2542

157.2809, 0.3247,
0.3018

 2.7237, 0.3532,
0.2363

194.9145, 0.3239,
0.3036

 0.9892, 0.3655,
0.2076

238.1181, 0.3232,

 0.0000, 0.4556,

0.3052

0.0000

287.2761, 0.3226,
0.3066

0.0000, 0.0000,
0.0000

39.2077, 0.3312,
0.2869

39.2077, 0.3312,
0.2869

32.8078, 0.3409,
0.2695

46.7665, 0.3229,
0.3042

27.5033, 0.3519,
0.2527

55.5332, 0.3158,
0.3209

23.2326, 0.3643,
0.2375

65.5600, 0.3099,
0.3368

19.9259, 0.3779,
0.2247

76.8948, 0.3049,
0.3517

17.5045, 0.3922,
0.2157

89.5786, 0.3007,
0.3655

■ 15.8774, 0.4068,
0.2112

■ 89.9488, 0.2970,
0.3580

■ 14.9336, 0.4212,
0.2118

■ 90.3338, 0.2934,
0.3505

■ 14.6137, 0.4283,
0.2133

■ 90.7339, 0.2898,
0.3432

■ 91.1491, 0.2862,
0.3360

Harmonies

Analogous

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



39.2077, 0.2916, 0.2695



39.2077, 0.3312, 0.2869



39.2077, 0.3676, 0.3141

Triad

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



39.2077, 0.3312, 0.2869



39.2077, 0.3658, 0.3960



39.2077, 0.2422, 0.3043

Complementary

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



39.2077, 0.3312, 0.2869



52.8617, 0.2980, 0.3752

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.



39.2077, 0.2596, 0.3415



39.2077, 0.3312, 0.2869



39.2077, 0.3302, 0.3978

Square

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



39.2077, 0.3312, 0.2869



39.2077, 0.3878, 0.3759



39.2077, 0.2914, 0.3774



39.2077, 0.2423, 0.2773

Rectangle

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



39.2077, 0.3312, 0.2869



39.2077, 0.3840, 0.3352



39.2077, 0.2914, 0.3774



39.2077, 0.2461, 0.3160

Sweetspot

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



39.2095, 0.3312, 0.2869



88.7577, 0.3172, 0.3175



35.6908, 0.2847, 0.2614



18.8008, 0.3176, 0.3165



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.



39.2095, 0.3312, 0.2869



58.9843, 0.3362, 0.2775



38.2131, 0.3563, 0.3183



11.3376, 0.3188, 0.3137



9.2159, 0.4264, 0.2123



0.4892, 0.4008, 0.1982

Inverse Universe

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



39.2095, 0.3312, 0.2869



58.9843, 0.3362, 0.2775



53.9217, 0.2816, 0.3401



11.3376, 0.3188, 0.3137



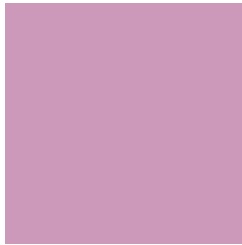
9.2159, 0.4264, 0.2123



0.4892, 0.4008, 0.1982

Previews

White Background



This preview shows how the Yxy color 39.2077, 0.3312, 0.2869 looks on a white background.

Color Contrast Check

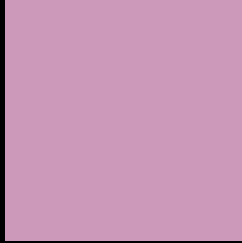
Large Text (above 18pt) WCAG AA × Fail

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 39.2077, 0.3312, 0.2869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

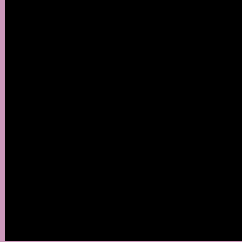
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.2077, 0.3312, 0.2869

Background



This preview shows how black text looks on a background with the Yxy color 39.2077, 0.3312, 0.2869.



This preview shows how white text looks on a background with the Yxy color 39.2077, 0.3312, 0.2869.

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

39.2077, 0.3312, 0.2869

Protanopia

39.4095, 0.2858, 0.2896

Deuteranopia

39.4008, 0.3067, 0.3009



Tritanopia

39.1606, 0.3471, 0.3138

Trichromacy



Original Color

39.2077, 0.3312, 0.2869

Protanomaly

39.1559, 0.3010, 0.2881

Deuteranomaly

39.2516, 0.3152, 0.2951

Tritanomaly

39.2343, 0.3414, 0.3038

Monochromacy



Original Color

39.2077, 0.3312, 0.2869

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.2749, 0.3200, 0.3131

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.2077, 0.3312, 0.2869 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(204, 153, 187)` looks like.

```
.text, #text, p{  
    color:rgb(204, 153, 187)  
}
```

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(204, 153, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 153, 187) }
```

Border

The CSS property to change the border of an element to Yxy 39.2077, 0.3312, 0.2869 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(204, 153, 187) }
```

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

```
.border{ border-color:rgb(204, 153, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 153, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 153, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 153, 187);  
box-shadow:4px 4px 4px 4px rgb(204, 153,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 39.2077, 0.3312, 0.2869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 153, 187) }
```

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

```
.background{ background-color: rgb(204,  
153, 187) }
```

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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