

Converting Colors

$Yxy(39.0505, 0.3347, 0.2913)$

Have a look what the booklet for
Yxy(39.0505, 0.3347, 0.2913)
contains.

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Color

Yxy(39.0387, 0.3350, 0.2917)

Conversions

Conversions Part 1

Format	Color
Hex	CC99B7
RGB	204, 153, 183
RGB Percent	80%, 60%, 72%
CMY	0.2001, 0.3999, 0.2824
CMYK	0.00, 0.25, 0.10, 0.20
HSL	325°, 33%, 70%
HSV	325°, 25%, 80%
XYZ	44.8336, 39.0387, 49.9594
YIQ	171.6690, 20.7660, 20.1420

Conversions

Conversions Part 2

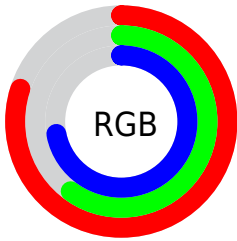
Format	Color
R_{YB}	204, 153, 183
Decimal	13408695
CIE _{Lab}	68.78, 23.79, -8.09
CIE _{LCh}	69, 25.126, 341.224
Yxy	39.0387, 0.3350, 0.2917
Android (android.graphics.Color)	4291598775 (0xFFCC99B7)
YUV	171.6690, 5.5862, 28.3543
Hunter-Lab	62.4810, 18.7421, -3.6712

Details

The Yxy color **39.0387, 0.3350, 0.2917** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **53.0057, 0.2954, 0.3696**, and the grayscale version is **41.0424, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.6037, 0.3260, 0.2982**, and **17.3086, 0.3414, 0.2804** is the 20% darker color. If you saturate the color by 10%, you get **32.5838, 0.3469, 0.2762**, and if you desaturate by 10%, it is **46.6594, 0.3249, 0.3071**.

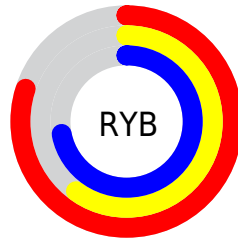
Distribution



Red (80%)

Green (60%)

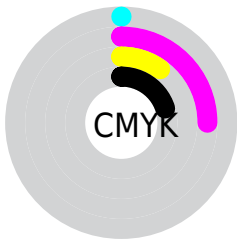
Blue (72%)



Red (80%)

Yellow (60%)

Blue (72%)

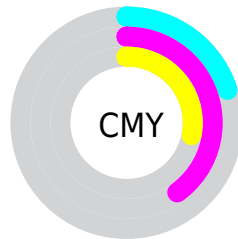


Cyan (0%)

Magenta (25%)

Yellow (10%)

Black (20%)



Cyan (20%)

Magenta (40%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.0387, 0.3350, 0.2917 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 39.0387, 0.3350, 0.2917 by changing the saturation by 10% instead.


 39.0387, 0.3350,
0.2917


 39.0387, 0.3350,
0.2917


342.0550, 0.3238,
0.3103

 26.7898, 0.3378,
0.2871


 73.6974, 0.3309,
0.2985

 17.4154, 0.3414,
0.2811


 96.8761, 0.3294,
0.3010

 10.5311, 0.3463,
0.2732


124.4668, 0.3281,
0.3032

 5.7525, 0.3531,
0.2621

156.8540, 0.3270,
0.3050

 2.6952, 0.3633,
0.2457

194.4220, 0.3260,
0.3066

 0.9747, 0.3803,
0.2189

237.5552, 0.3252,

 0.0000, 0.5195,

0.3080


0.0000


286.6381, 0.3245,
0.3092


 0.0000, 0.0000,
0.0000

 39.0387, 0.3350,
0.2917


 39.0387, 0.3350,
0.2917


 32.5838, 0.3469,
0.2762


 46.6594, 0.3249,
0.3071


 27.2309, 0.3607,
0.2611


 55.4950, 0.3164,
0.3219

 22.9185, 0.3764,
0.2475

 65.5979, 0.3093,
0.3359

 19.5764, 0.3938,
0.2363

 77.0160, 0.3034,
0.3490

 17.1260, 0.4125,
0.2287

 89.7907, 0.2985,
0.3610

■ 15.4759, 0.4317,
0.2259

■ 90.2609, 0.2940,
0.3519

■ 14.5151, 0.4507,
0.2283

■ 90.7540, 0.2895,
0.3428

■ 14.1884, 0.4601,
0.2308

■ 91.2703, 0.2852,
0.3339

■ 91.5742, 0.2827,
0.3289

Harmonies

Analogous

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



39.0387, 0.2971, 0.2737



39.0387, 0.3350, 0.2917



39.0387, 0.3683, 0.3186

Triad

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



39.0387, 0.3350, 0.2917



39.0387, 0.3596, 0.3939



39.0387, 0.2447, 0.3019

Complementary

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



39.0387, 0.3350, 0.2917



53.0057, 0.2954, 0.3696

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.



39.0387, 0.2593, 0.3364



39.0387, 0.3350, 0.2917



39.0387, 0.3249, 0.3928

Square

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



39.0387, 0.3350, 0.2917



39.0387, 0.3824, 0.3768



39.0387, 0.2882, 0.3711



39.0387, 0.2468, 0.2777

Rectangle

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



39.0387, 0.3350, 0.2917



39.0387, 0.3823, 0.3389



39.0387, 0.2882, 0.3711



39.0387, 0.2477, 0.3126

Sweetspot

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



39.0405, 0.3350, 0.2917



88.6705, 0.3181, 0.3188



36.0769, 0.2877, 0.2620



18.7806, 0.3186, 0.3180



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.



39.0405, 0.3350, 0.2917



58.6535, 0.3412, 0.2833



38.0950, 0.3597, 0.3226



11.3225, 0.3200, 0.3155



8.9514, 0.4576, 0.2295



0.4767, 0.4239, 0.2109

Inverse Universe

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



39.0405, 0.3350, 0.2917



58.6535, 0.3412, 0.2833



54.0671, 0.2794, 0.3356



11.3225, 0.3200, 0.3155



8.9514, 0.4576, 0.2295



0.4767, 0.4239, 0.2109

Previews

White Background



This preview shows how the Yxy color 39.0387, 0.3350, 0.2917 looks on a white background.

Color Contrast Check

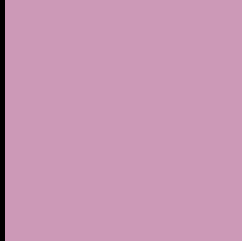
Large Text (above 18pt) WCAG AA × Fail

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 39.0387, 0.3350, 0.2917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

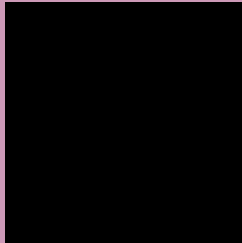
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.0387, 0.3350, 0.2917

Background



This preview shows how black text looks on a background with the Yxy color 39.0387, 0.3350, 0.2917.



This preview shows how white text looks on a background with the Yxy color 39.0387, 0.3350, 0.2917.

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

39.0387, 0.3350, 0.2917

Protanopia

39.3357, 0.2897, 0.2949

Deuteranopia

38.9956, 0.3111, 0.3048



Tritanopia

39.1606, 0.3471, 0.3138

Trichromacy



Original Color

39.0387, 0.3350, 0.2917

Protanomaly

39.0985, 0.3052, 0.2932

Deuteranomaly

38.7385, 0.3189, 0.2988

Tritanomaly

39.1563, 0.3434, 0.3063

Monochromacy



Original Color

39.0387, 0.3350, 0.2917

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.2352, 0.3208, 0.3144

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.0387, 0.3350, 0.2917 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, 183)` looks like.

```
.text, #text, p{  
    color:rgb(204, 153, 183)  
}
```

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, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 153, 183) }
```

Border

The CSS property to change the border of an element to Yxy 39.0387, 0.3350, 0.2917 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, 183) }
```

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

```
.border{ border-color:rgb(204, 153, 183) }
```

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, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 153, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 153, 183);  
box-shadow:4px 4px 4px 4px rgb(204, 153,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 39.0387, 0.3350, 0.2917 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, 183) }
```

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

```
.background{ background-color: rgb(204,  
153, 183) }
```

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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