

Converting Colors

$Yxy(39.3927, 0.3487, 0.3257)$

Have a look what the booklet for
Yxy(39.3927, 0.3487, 0.3257)
contains.

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Color

Yxy(39.4107, 0.3483, 0.3252)

Conversions

Conversions Part 1

Format	Color
Hex	C69FA2
RGB	198, 159, 162
RGB Percent	78%, 62%, 64%
CMY	0.2235, 0.3765, 0.3647
CMYK	0.00, 0.20, 0.18, 0.22
HSL	355°, 25%, 70%
HSV	355°, 20%, 78%
XYZ	42.2102, 39.4107, 39.5682
YIQ	171.0030, 22.2810, 9.2010

Conversions

Conversions Part 2

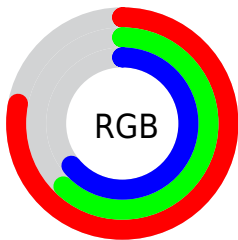
Format	Color
RYB	198, 159, 162
Decimal	13016994
CIELab	69.05, 14.89, 3.91
CIELCh	69, 15.392, 14.722
Yxy	39.4107, 0.3483, 0.3252
Android (android.graphics.Color)	4291207074 (0xFFC69FA2)
YUV	171.0030, -4.4385, 23.6764
Hunter-Lab	62.7779, 10.1571, 6.5747

Details

The Yxy color **39.4107, 0.3483, 0.3252** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.7024, 0.2855, 0.3329**, and the grayscale version is **40.7420, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.3629, 0.3412, 0.3261**, and **17.5705, 0.3608, 0.3238** is the 20% darker color. If you saturate the color by 10%, you get **32.5357, 0.3731, 0.3232**, and if you desaturate by 10%, it is **47.4746, 0.3283, 0.3272**.

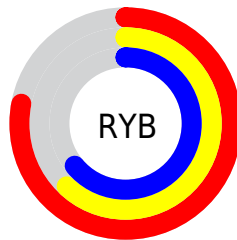
Distribution



Red (78%)

Green (62%)

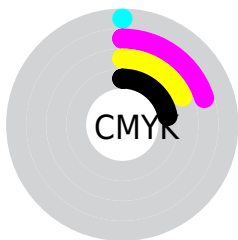
Blue (64%)



Red (78%)

Yellow (62%)

Blue (64%)

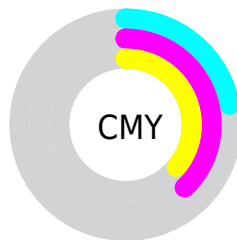


Cyan (0%)

Magenta (20%)

Yellow (18%)

Black (22%)



Cyan (22%)


Magenta (38%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.4107, 0.3483, 0.3252 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 39.4107, 0.3483, 0.3252 by changing the saturation by 10% instead.


 39.4107, 0.3483,
0.3252

 39.4107, 0.3483,
0.3252

343.6335, 0.3299,
0.3273

 27.0794, 0.3531,
0.3246


 74.2653, 0.3415,
0.3260

 17.6328, 0.3594,
0.3237


 97.5574, 0.3390,
0.3263

 10.6867, 0.3680,
0.3225


125.2718, 0.3368,
0.3266

 5.8566, 0.3804,
0.3206

157.7930, 0.3350,
0.3268

 2.7581, 0.3999,
0.3174

195.5054, 0.3335,
0.3270

 1.0068, 0.4360,
0.3113

238.7934, 0.3321,

 0.0000, 1.0000,

0.3271

0.0000

288.0412, 0.3310,
0.3272

0.0000, 0.0000,
0.0000

39.4107, 0.3483,
0.3252

39.4107, 0.3483,
0.3252

32.5357, 0.3731,
0.3232

47.4746, 0.3283,
0.3272

26.7883, 0.4036,
0.3212

56.7741, 0.3123,
0.3291

22.1099, 0.4403,
0.3195

67.3601, 0.2994,
0.3308

18.4344, 0.4827,
0.3184

79.2791, 0.2890,
0.3323

15.6885, 0.5283,
0.3184

90.6427, 0.2803,
0.3306

■ 13.7888, 0.5724,
0.3197

■ 90.7467, 0.2794,
0.3289

■ 12.6371, 0.6084,
0.3226

■ 12.0565, 0.6317,
0.3256

■ 12.0419, 0.6323,
0.3257

Harmonies

Analogous

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



39.4107, 0.3292, 0.3075



39.4107, 0.3483, 0.3252



39.4107, 0.3576, 0.3445

Triad

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



39.4107, 0.3483, 0.3252



39.4107, 0.3180, 0.3661



39.4107, 0.2725, 0.2964

Complementary

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



39.4107, 0.3483, 0.3252



51.7024, 0.2855, 0.3329

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.



39.4107, 0.2698, 0.3109



39.4107, 0.3483, 0.3252



39.4107, 0.2956, 0.3520

Square

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



39.4107, 0.3483, 0.3252



39.4107, 0.3396, 0.3690



39.4107, 0.2781, 0.3314



39.4107, 0.2855, 0.2910

Rectangle

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



39.4107, 0.3483, 0.3252



39.4107, 0.3568, 0.3559



39.4107, 0.2781, 0.3314



39.4107, 0.2704, 0.3003

Sweetspot

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



39.4125, 0.3483, 0.3252



89.7474, 0.3221, 0.3279



40.4441, 0.3120, 0.2802



18.9815, 0.3232, 0.3278



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.



39.4125, 0.3483, 0.3252



63.8558, 0.3592, 0.3243



45.2688, 0.3473, 0.3499



10.6500, 0.3278, 0.3273



7.8356, 0.6306, 0.3248



0.3757, 0.5997, 0.3077

Inverse Universe

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



39.4125, 0.3483, 0.3252



63.8558, 0.3592, 0.3243



44.8041, 0.2822, 0.3071



10.6500, 0.3278, 0.3273



7.8356, 0.6306, 0.3248



0.3757, 0.5997, 0.3077

Previews

White Background



This preview shows how the Yxy color 39.4107, 0.3483, 0.3252 looks on a white background.

Color Contrast Check

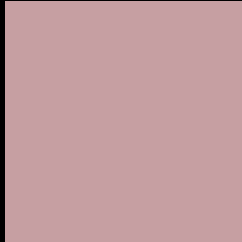
Large Text (above 18pt) WCAG AA × Fail

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 39.4107, 0.3483, 0.3252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

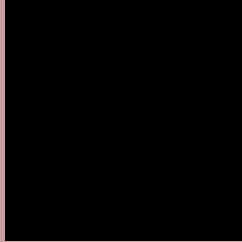
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.4107, 0.3483, 0.3252

Background



This preview shows how black text looks on a background with the Yxy color 39.4107, 0.3483, 0.3252.



This preview shows how white text looks on a background with the Yxy color 39.4107, 0.3483, 0.3252.

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

39.4107, 0.3483, 0.3252

Protanopia

39.5659, 0.3173, 0.3304

Deuteranopia

39.4590, 0.3386, 0.3318



Tritanopia

39.4981, 0.3418, 0.3137

Trichromacy



Original Color

39.4107, 0.3483, 0.3252

Protanomaly

39.4506, 0.3278, 0.3290

Deuteranomaly

39.6203, 0.3427, 0.3304

Tritanomaly

39.3859, 0.3447, 0.3175

Monochromacy



Original Color

39.4107, 0.3483, 0.3252

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.2883, 0.3249, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.4107, 0.3483, 0.3252 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(198, 159, 162)` looks like.

```
.text, #text, p{  
    color:rgb(198, 159, 162)  
}
```

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(198, 159, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 159, 162) }
```

Border

The CSS property to change the border of an element to Yxy 39.4107, 0.3483, 0.3252 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(198, 159, 162) }
```

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

```
.border{ border-color:rgb(198, 159, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 159, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 159, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 159, 162);  
box-shadow:4px 4px 4px 4px rgb(198, 159,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 39.4107, 0.3483, 0.3252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 159, 162) }
```

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

```
.background{ background-color: rgb(198,  
159, 162) }
```

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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