

Converting Colors

$Yxy(39.1199, 0.3284, 0.3253)$

Have a look what the booklet for
Yxy(39.1199, 0.3284, 0.3253)
contains.

Yxy(39.0148, 0.3291, 0.3250)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(39.0148, 0.3291, 0.3250)

Conversions

Conversions Part 1

Format	Color
Hex	B7A3A6
RGB	183, 163, 166
RGB Percent	72%, 64%, 65%
CMY	0.2824, 0.3608, 0.3490
CMYK	0.00, 0.11, 0.09, 0.28
HSL	351°, 12%, 68%
HSV	351°, 11%, 72%
XYZ	39.5070, 39.0148, 41.5238
YIQ	169.3220, 10.9570, 5.1730

Conversions

Conversions Part 2

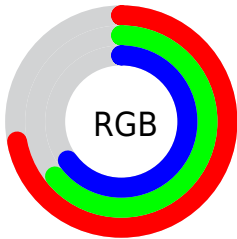
Format	Color
RYB	183, 163, 166
Decimal	12034982
CIELab	68.76, 7.80, 1.11
CIElCh	69, 7.873, 8.071
Yxy	39.0148, 0.3291, 0.3250
Android (android.graphics.Color)	4290225062 (0xFFB7A3A6)
YUV	169.3220, -1.6377, 11.9956
Hunter-Lab	62.4618, 3.5927, 4.3081

Details

The Yxy color **39.0148, 0.3291, 0.3250** is a light color, and the websafe version is hex **999999**. A complement of this color would be **44.9467, 0.2984, 0.3330**, and the grayscale version is **39.8485, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.7140, 0.3259, 0.3259**, and **17.3296, 0.3346, 0.3235** is the 20% darker color. If you saturate the color by 10%, you get **32.4443, 0.3479, 0.3211**, and if you desaturate by 10%, it is **46.5982, 0.3140, 0.3287**.

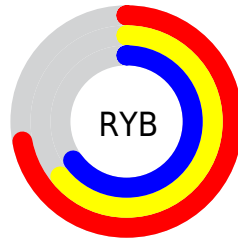
Distribution



Red (72%)

Green (64%)

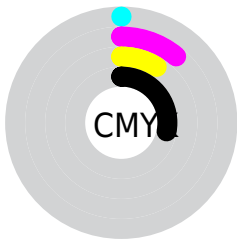
Blue (65%)



Red (72%)

Yellow (64%)

Blue (65%)

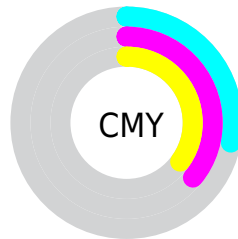


Cyan (0%)

Magenta (11%)

Yellow (9%)

Black (28%)



Cyan (28%)


Magenta (36%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.0148, 0.3291, 0.3250 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 39.0148, 0.3291, 0.3250 by changing the saturation by 10% instead.


 39.0148, 0.3291,
0.3250


 39.0148, 0.3291,
0.3250


341.9534, 0.3207,
0.3271

 26.7712, 0.3313,
0.3244


 73.6609, 0.3260,
0.3258

 17.4015, 0.3342,
0.3237


 96.8323, 0.3248,
0.3261

 10.5212, 0.3381,
0.3227


124.4150, 0.3238,
0.3263

 5.7458, 0.3438,
0.3212

156.7936, 0.3230,
0.3265

 2.6912, 0.3529,
0.3188

194.3523, 0.3223,
0.3267

 0.9727, 0.3692,
0.3144

237.4756, 0.3217,

 0.0000, 1.0000,

0.3268

0.0000

286.5478, 0.3211,
0.3270

0.0000, 0.0000,
0.0000

39.0148, 0.3291,
0.3250

39.0148, 0.3291,
0.3250

32.4443, 0.3479,
0.3211

46.5982, 0.3140,
0.3287

26.8387, 0.3710,
0.3171

55.2293, 0.3017,
0.3321

22.1542, 0.3993,
0.3132

64.9478, 0.2918,
0.3352

18.3413, 0.4332,
0.3097

75.7898, 0.2837,
0.3380

15.3460, 0.4724,
0.3074

87.7896, 0.2770,
0.3405

■ 13.1082, 0.5150,
0.3068

■ 88.8064, 0.2716,
0.3289

■ 11.5595, 0.5573,
0.3088

■ 10.6192, 0.5941,
0.3134

■ 10.1474, 0.6193,
0.3185

Harmonies

Analogous

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



39.0148, 0.3187, 0.3160



39.0148, 0.3291, 0.3250



39.0148, 0.3351, 0.3352

Triad

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



39.0148, 0.3291, 0.3250



39.0148, 0.3182, 0.3485



39.0148, 0.2910, 0.3137

Complementary

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



39.0148, 0.3291, 0.3250



44.9467, 0.2984, 0.3330

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.



39.0148, 0.2909, 0.3222



39.0148, 0.3291, 0.3250



39.0148, 0.3065, 0.3426

Square

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



39.0148, 0.3291, 0.3250



39.0148, 0.3287, 0.3490



39.0148, 0.2965, 0.3328



39.0148, 0.2968, 0.3094

Rectangle

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



39.0148, 0.3291, 0.3250



39.0148, 0.3357, 0.3414



39.0148, 0.2965, 0.3328



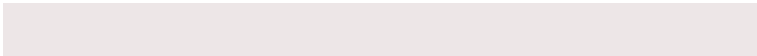
39.0148, 0.2903, 0.3161

Sweetspot

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



39.0165, 0.3291, 0.3250



80.4190, 0.3169, 0.3279



39.3183, 0.3112, 0.3024



17.5123, 0.3181, 0.3276



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39.0165, 0.3291, 0.3250



67.0274, 0.3331, 0.3241



41.4613, 0.3307, 0.3385



9.0335, 0.3265, 0.3256



7.0861, 0.6170, 0.3173



0.2568, 0.5569, 0.2842

Inverse Universe

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



39.0165, 0.3291, 0.3250



67.0274, 0.3331, 0.3241



42.2558, 0.2961, 0.3193



9.0335, 0.3265, 0.3256



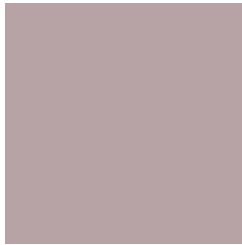
7.0861, 0.6170, 0.3173



0.2568, 0.5569, 0.2842

Previews

White Background



This preview shows how the Yxy color 39.0148, 0.3291, 0.3250 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 39.0148, 0.3291, 0.3250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

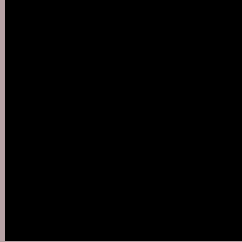
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.0148, 0.3291, 0.3250

Background



This preview shows how black text looks on a background with the Yxy color 39.0148, 0.3291, 0.3250.



This preview shows how white text looks on a background with the Yxy color 39.0148, 0.3291, 0.3250.

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

39.0148, 0.3291, 0.3250

Protanopia

39.1225, 0.3155, 0.3276

Deuteranopia

38.9081, 0.3312, 0.3237



Tritanopia

39.0870, 0.3229, 0.3130

Trichromacy



Original Color

39.0148, 0.3291, 0.3250

Protanomaly

39.1764, 0.3202, 0.3276

Deuteranomaly

38.7842, 0.3302, 0.3237

Tritanomaly

38.9713, 0.3256, 0.3170

Monochromacy



Original Color

39.0148, 0.3291, 0.3250

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.4633, 0.3183, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.0148, 0.3291, 0.3250 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(183, 163, 166)` looks like.

```
.text, #text, p{  
    color:rgb(183, 163, 166)  
}
```

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(183, 163, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 163, 166) }
```

Border

The CSS property to change the border of an element to Yxy 39.0148, 0.3291, 0.3250 is called "border". The border property can be set on classes, ids or directly on the HTML element.

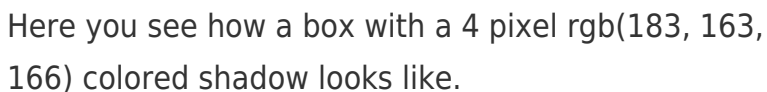
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(183, 163, 166) }
```

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

```
.border{ border-color:rgb(183, 163, 166) }
```

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



Here you see how a box with a 4 pixel `rgb(183, 163, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 163, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 163, 166);  
box-shadow:4px 4px 4px 4px rgb(183, 163,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 39.0148, 0.3291, 0.3250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 163, 166) }
```

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

```
.background{ background-color: rgb(183,  
163, 166) }
```

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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