

Converting Colors

$Yxy(39.9870, 0.3397, 0.3426)$

Have a look what the booklet for
Yxy(39.9870, 0.3397, 0.3426)
contains.

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Color

Yxy(39.9870, 0.3397, 0.3426)

Conversions

Conversions Part 1

Format	Color
Hex	B9A69C
RGB	185, 166, 156
RGB Percent	73%, 65%, 61%
CMY	0.2744, 0.3490, 0.3882
CMYK	0.00, 0.10, 0.16, 0.27
HSL	21°, 17%, 67%
HSV	21°, 16%, 73%
XYZ	39.6485, 39.9870, 37.0808
YIQ	170.5410, 14.5340, 0.9180

Conversions

Conversions Part 2

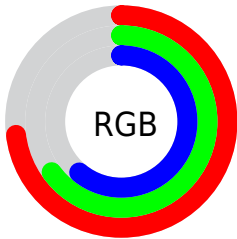
Format	Color
RYB	185, 171, 156
Decimal	12166812
CIELab	69.46, 5.23, 7.68
CIElCh	69, 9.291, 55.738
Yxy	39.9870, 0.3397, 0.3426
Android (android.graphics.Color)	4290356892 (0xFFB9A69C)
YUV	170.5410, -7.1687, 12.6805
Hunter-Lab	63.2353, 1.2578, 9.4974

Details

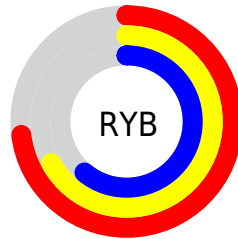
The Yxy color $39.9870, 0.3397, 0.3426$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $41.2421, 0.2887, 0.3150$, and the grayscale version is $40.5158, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.0668, 0.3347, 0.3406$, and $17.9601, 0.3483, 0.3459$ is the 20% darker color. If you saturate the color by 10%, you get $35.2051, 0.3608, 0.3519$, and if you desaturate by 10%, it is $45.2839, 0.3217, 0.3338$.

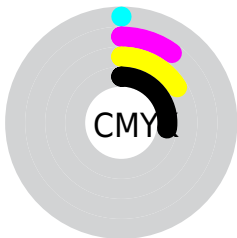
Distribution



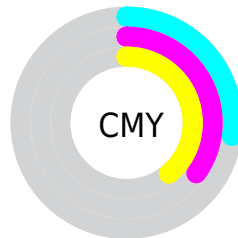
- Red (73%)
- Green (65%)
- Blue (61%)



- Red (73%)
- Yellow (67%)
- Blue (61%)



- Cyan (0%)
- Magenta (10%)
- Yellow (16%)
- Black (27%)





- Cyan (27%)
- Magenta (35%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.9870, 0.3397, 0.3426 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 39.9870, 0.3397, 0.3426 by changing the saturation by 10% instead.


 39.9870, 0.3397,
0.3426


 39.9870, 0.3397,
0.3426


346.0688, 0.3258,
0.3358

 27.5284, 0.3433,
0.3443


 75.1437, 0.3345,
0.3401

 17.9705, 0.3480,
0.3465


 98.6106, 0.3326,
0.3392

 10.9288, 0.3545,
0.3495


126.5158, 0.3310,
0.3384

 6.0190, 0.3638,
0.3536

159.2435, 0.3297,
0.3377

 2.8566, 0.3783,
0.3598

197.1783, 0.3285,
0.3371

 1.0573, 0.4103,
0.3754

240.7045, 0.3275,

 0.0000, 1.0000,

0.3366

0.0000

290.2066, 0.3266,
0.3362

0.0000, 0.0000,
0.0000

39.9870, 0.3397,
0.3426

39.9870, 0.3397,
0.3426

35.2051, 0.3608,
0.3519

45.2839, 0.3217,
0.3338

30.9170, 0.3854,
0.3613

51.1055, 0.3064,
0.3255

27.1081, 0.4135,
0.3704

57.4680, 0.2934,
0.3179

23.7607, 0.4451,
0.3783

64.3851, 0.2824,
0.3109

20.8560, 0.4791,
0.3841

71.8702, 0.2729,
0.3046

■ 18.3738, 0.5137,
0.3865

■ 79.1380, 0.2708,
0.3113

■ 16.2922, 0.5464,
0.3845

■ 86.4713, 0.2722,
0.3245

■ 14.5861, 0.5740,
0.3774

■ 89.0572, 0.2726,
0.3289

■ 13.9533, 0.5849,
0.3738

Harmonies

Analogous

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



39.9870, 0.3368, 0.3313



39.9870, 0.3397, 0.3426



39.9870, 0.3352, 0.3506

Triad

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



39.9870, 0.3397, 0.3426



39.9870, 0.2981, 0.3385



39.9870, 0.3006, 0.3061

Complementary

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



39.9870, 0.3397, 0.3426



41.2421, 0.2887, 0.3150

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.



39.9870, 0.2906, 0.3075



39.9870, 0.3397, 0.3426



39.9870, 0.2892, 0.3260

Square

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



39.9870, 0.3397, 0.3426



39.9870, 0.3110, 0.3485



39.9870, 0.2865, 0.3146



39.9870, 0.3140, 0.3105

Rectangle

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



39.9870, 0.3397, 0.3426



39.9870, 0.3286, 0.3529



39.9870, 0.2865, 0.3146



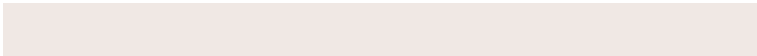
39.9870, 0.2967, 0.3059

Sweetspot

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



39.9888, 0.3397, 0.3426



81.6833, 0.3207, 0.3333



37.2032, 0.3233, 0.3032



17.4594, 0.3219, 0.3338



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.



39.9888, 0.3397, 0.3426



68.3908, 0.3470, 0.3459



45.4352, 0.3368, 0.3612



9.5045, 0.3279, 0.3369



9.6222, 0.5826, 0.3756



0.4573, 0.5320, 0.4158

Inverse Universe

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



41.2421, 0.2887, 0.3150



71.0822, 0.2832, 0.3114



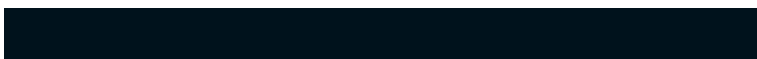
36.0048, 0.2879, 0.2946



9.6756, 0.2985, 0.3209



11.8827, 0.1927, 0.2138



0.5294, 0.2020, 0.2470

Previews

White Background



This preview shows how the Yxy color 39.9870, 0.3397, 0.3426 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 39.9870, 0.3397, 0.3426 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 39.9870, 0.3397, 0.3426

Background



This preview shows how black text looks on a background with the Yxy color 39.9870, 0.3397, 0.3426.



This preview shows how white text looks on a background with the Yxy color 39.9870, 0.3397, 0.3426.

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

39.9870, 0.3397, 0.3426

Protanopia

40.0747, 0.3287, 0.3443

Deuteranopia

40.0276, 0.3460, 0.3397



Tritanopia

40.0203, 0.3248, 0.3119

Trichromacy



Original Color

39.9870, 0.3397, 0.3426

Protanomaly

40.0233, 0.3326, 0.3442

Deuteranomaly

40.1294, 0.3438, 0.3411

Tritanomaly

39.9803, 0.3301, 0.3224

Monochromacy



Original Color

39.9870, 0.3397, 0.3426

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.3592, 0.3217, 0.3331

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.9870, 0.3397, 0.3426 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(185, 166, 156)` looks like.

```
.text, #text, p{  
  color:rgb(185, 166, 156)  
}
```

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(185, 166, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 166, 156) }
```

Border

The CSS property to change the border of an element to Yxy 39.9870, 0.3397, 0.3426 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(185, 166, 156) }
```

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

```
.border{ border-color:rgb(185, 166, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 166, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 166, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 166, 156);  
box-shadow:4px 4px 4px 4px rgb(185, 166,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 39.9870, 0.3397, 0.3426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 166, 156) }
```

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

```
.background{ background-color: rgb(185,  
166, 156) }
```

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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