

Converting Colors

$Yxy(38.9825, 0.3453, 0.3472)$

Have a look what the booklet for
Yxy(38.9825, 0.3453, 0.3472)
contains.

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Color

Yxy(39.0672, 0.3457, 0.3482)

Conversions

Conversions Part 1

Format	Color
Hex	B9A496
RGB	185, 164, 150
RGB Percent	73%, 64%, 59%
CMY	0.2745, 0.3568, 0.4118
CMYK	0.00, 0.11, 0.19, 0.27
HSL	24°, 20%, 66%
HSV	24°, 19%, 73%
XYZ	38.7867, 39.0672, 34.3437
YIQ	168.6830, 17.0100, 0.0980

Conversions

Conversions Part 2

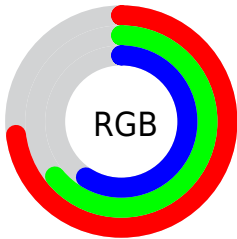
Format	Color
RYB	185, 173, 150
Decimal	12166294
CIELab	68.80, 5.35, 10.06
CIElCh	69, 11.398, 62.006
Yxy	39.0672, 0.3457, 0.3482
Android (android.graphics.Color)	4290356374 (0xFFB9A496)
YUV	168.6830, -9.2107, 14.3100
Hunter-Lab	62.5038, 1.3866, 11.1748

Details

The Yxy color **39.0672, 0.3457, 0.3482** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.1025, 0.2836, 0.3090**, and the grayscale version is **39.5518, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.7234, 0.3392, 0.3449**, and **17.3947, 0.3570, 0.3536** is the 20% darker color. If you saturate the color by 10%, you get **34.7207, 0.3672, 0.3590**, and if you desaturate by 10%, it is **43.8575, 0.3271, 0.3378**.

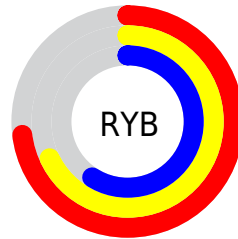
Distribution



Red (73%)

Green (64%)

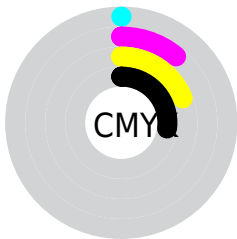
Blue (59%)



Red (73%)

Yellow (68%)

Blue (59%)

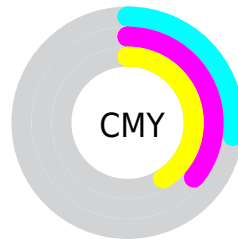


Cyan (0%)

Magenta (11%)

Yellow (19%)

Black (27%)



Cyan (27%)


Magenta (36%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.0672, 0.3457, 0.3482 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 39.0672, 0.3457, 0.3482 by changing the saturation by 10% instead.


 39.0672, 0.3457,
0.3482


 39.0672, 0.3457,
0.3482


342.1761, 0.3286,
0.3385

 26.8120, 0.3501,
0.3506


 73.7410, 0.3394,
0.3447

 17.4321, 0.3560,
0.3538


 96.9283, 0.3370,
0.3433

 10.5430, 0.3639,
0.3580


124.5285, 0.3351,
0.3422

 5.7605, 0.3754,
0.3639

156.9260, 0.3334,
0.3413

 2.7000, 0.3935,
0.3726

194.5051, 0.3320,
0.3404

 0.9772, 0.4463,
0.4055

237.6502, 0.3307,

 0.0000, 1.0000,

0.3397

0.0000

286.7457, 0.3296,
0.3391

0.0000, 0.0000,
0.0000

39.0672, 0.3457,
0.3482

39.0672, 0.3457,
0.3482

34.7207, 0.3672,
0.3590

43.8575, 0.3271,
0.3378

30.7997, 0.3919,
0.3698

49.0990, 0.3111,
0.3280

27.2918, 0.4196,
0.3801

54.8055, 0.2974,
0.3189

24.1825, 0.4500,
0.3888

60.9886, 0.2856,
0.3105

21.4558, 0.4818,
0.3949

67.6594, 0.2755,
0.3028

■ 19.0948, 0.5134,
0.3971

■ 74.4372, 0.2699,
0.3021

■ 17.0807, 0.5424,
0.3943

■ 80.8282, 0.2712,
0.3144

■ 15.3881, 0.5669,
0.3868

■ 87.6193, 0.2724,
0.3265

■ 15.2230, 0.5695,
0.3860

■ 89.0541, 0.2726,
0.3289

Harmonies

Analogous

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



39.0672, 0.3441, 0.3348



39.0672, 0.3457, 0.3482



39.0672, 0.3382, 0.3570

Triad

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



39.0672, 0.3457, 0.3482



39.0672, 0.2918, 0.3376



39.0672, 0.3009, 0.3014

Complementary

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



39.0672, 0.3457, 0.3482



39.1025, 0.2836, 0.3090

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.



39.0672, 0.2875, 0.3015



39.0672, 0.3457, 0.3482



39.0672, 0.2823, 0.3219

Square

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



39.0672, 0.3457, 0.3482



39.0672, 0.3069, 0.3512



39.0672, 0.2808, 0.3087



39.0672, 0.3179, 0.3083

Rectangle

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



39.0672, 0.3457, 0.3482



39.0672, 0.3292, 0.3588



39.0672, 0.2808, 0.3087



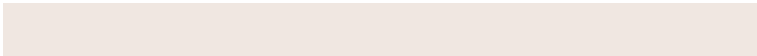
39.0672, 0.2959, 0.3006

Sweetspot

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



39.0690, 0.3457, 0.3482



81.1216, 0.3223, 0.3349



35.0620, 0.3281, 0.3007



17.3607, 0.3234, 0.3356



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.



39.0690, 0.3457, 0.3482



66.4121, 0.3549, 0.3530



45.7661, 0.3416, 0.3710



9.5867, 0.3278, 0.3382



10.5002, 0.5673, 0.3878



0.4923, 0.5203, 0.4251

Inverse Universe

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



39.1025, 0.2836, 0.3090



66.4813, 0.2767, 0.3037



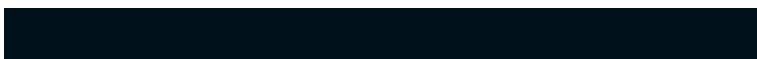
32.9273, 0.2822, 0.2832



9.5908, 0.2985, 0.3196



10.2592, 0.1872, 0.1940



0.4793, 0.1980, 0.2327

Previews

White Background



This preview shows how the Yxy color 39.0672, 0.3457, 0.3482 looks on a white background.

Color Contrast Check

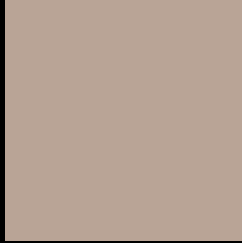
Large Text (above 18pt) WCAG AA × Fail

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 39.0672, 0.3457, 0.3482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

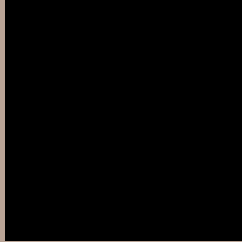
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.0672, 0.3457, 0.3482

Background



This preview shows how black text looks on a background with the Yxy color 39.0672, 0.3457, 0.3482.



This preview shows how white text looks on a background with the Yxy color 39.0672, 0.3457, 0.3482.

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

39.0672, 0.3457, 0.3482

Protanopia

39.0184, 0.3334, 0.3501

Deuteranopia

39.1190, 0.3522, 0.3452



Tritanopia

39.1982, 0.3278, 0.3132

Trichromacy



Original Color

39.0672, 0.3457, 0.3482

Protanomaly

39.0905, 0.3384, 0.3499

Deuteranomaly

39.2152, 0.3499, 0.3466

Tritanomaly

39.1221, 0.3341, 0.3251

Monochromacy



Original Color

39.0672, 0.3457, 0.3482

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.3600, 0.3245, 0.3360

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.0672, 0.3457, 0.3482 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, 164, 150)` looks like.

```
.text, #text, p{  
    color:rgb(185, 164, 150)  
}
```

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, 164, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 164, 150) }
```

Border

The CSS property to change the border of an element to Yxy 39.0672, 0.3457, 0.3482 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, 164, 150) }
```

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

```
.border{ border-color:rgb(185, 164, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 164, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 164, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 164, 150);  
box-shadow:4px 4px 4px 4px rgb(185, 164,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 39.0672, 0.3457, 0.3482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 164, 150) }
```

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

```
.background{ background-color: rgb(185,  
164, 150) }
```

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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