

Converting Colors

Yxy(39.6350, 0.3662, 0.3823)

Have a look what the booklet for
Yxy(39.6350, 0.3662, 0.3823)
contains.

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Color

Yxy(39.6350, 0.3662, 0.3823)

Conversions

Conversions Part 1

Format	Color
Hex	BAA780
RGB	186, 167, 128
RGB Percent	73%, 65%, 50%
CMY	0.2706, 0.3451, 0.4980
CMYK	0.00, 0.10, 0.31, 0.27
HSL	40°, 30%, 62%
HSV	40°, 31%, 73%
XYZ	37.9658, 39.6350, 26.0743
YIQ	168.2350, 23.8430, -8.1010

Conversions

Conversions Part 2

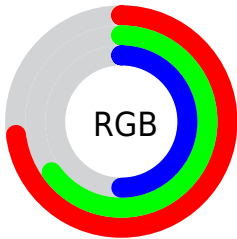
Format	Color
RYB	156, 186, 128
Decimal	12232576
CIELab	69.21, 0.95, 22.71
CIELCh	69, 22.734, 87.598
Yxy	39.6350, 0.3662, 0.3823
Android (android.graphics.Color)	4290422656 (0xFFBAA780)
YUV	168.2350, -19.8359, 15.5799
Hunter-Lab	62.9563, -2.5291, 19.5136

Details

The Yxy color **39.6350, 0.3662, 0.3823** is a light color, and the websafe version is hex **999966**. A complement of this color would be **29.0063, 0.2617, 0.2691**, and the grayscale version is **39.3713, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.6334, 0.3564, 0.3724**, and **17.7171, 0.3828, 0.3984** is the 20% darker color. If you saturate the color by 10%, you get **37.0103, 0.3861, 0.3996**, and if you desaturate by 10%, it is **42.4583, 0.3475, 0.3647**.

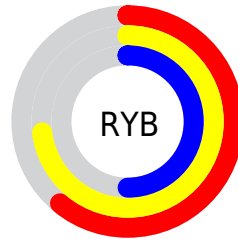
Distribution



Red (73%)

Green (65%)

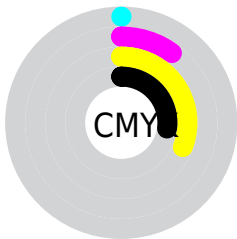
Blue (50%)



Red (61%)

Yellow (73%)

Blue (50%)

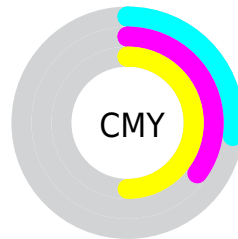


Cyan (0%)

Magenta (10%)

Yellow (31%)

Black (27%)



Cyan (27%)


Magenta (35%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.6350, 0.3662, 0.3823 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 39.6350, 0.3662, 0.3823 by changing the saturation by 10% instead.


 39.6350, 0.3662,
0.3823


 39.6350, 0.3662,
0.3823


344.5827, 0.3389,
0.3552

 27.2541, 0.3731,
0.3891


 74.6074, 0.3562,
0.3724

 17.7641, 0.3820,
0.3979


 97.9676, 0.3524,
0.3687

 10.7808, 0.3938,
0.4094


 125.7564, 0.3493,
0.3656

 5.9196, 0.4101,
0.4252

158.3582, 0.3466,
0.3629

 2.7963, 0.4346,
0.4487

196.1573, 0.3443,
0.3606

 1.0263, 0.4938,
0.5062

239.5382, 0.3423,

 0.0000, 0.0000,

0.3586

0.0000

288.8852, 0.3405,
0.3568

■ 39.6350, 0.3662,
0.3823

■ 39.6350, 0.3662,
0.3823

■ 37.0103, 0.3861,
0.3996

■ 42.4583, 0.3475,
0.3647

■ 34.5725, 0.4068,
0.4158

■ 45.4809, 0.3302,
0.3474

■ 32.3165, 0.4275,
0.4300


■ 48.7099, 0.3145,
0.3309


■ 30.2349, 0.4473,
0.4409


■ 52.1509, 0.3003,
0.3153

■ 28.3193, 0.4653,
0.4477

■ 55.8089, 0.2877,
0.3008


 26.5600, 0.4805,
0.4495

 59.6888, 0.2764,
0.2873

 25.1223, 0.4918,
0.4477

 63.5865, 0.2681,
0.2783

 66.6470, 0.2688,
0.2853

 69.8233, 0.2695,
0.2923

Harmonies

Analogous

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



39.6350, 0.3793, 0.3618



39.6350, 0.3662, 0.3823



39.6350, 0.3389, 0.3890

Triad

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



39.6350, 0.3662, 0.3823



39.6350, 0.2553, 0.3182



39.6350, 0.3173, 0.2865

Complementary

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



39.6350, 0.3662, 0.3823



29.0063, 0.2617, 0.2691

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.



39.6350, 0.2846, 0.2751



39.6350, 0.3662, 0.3823



39.6350, 0.2502, 0.2913

Square

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



39.6350, 0.3662, 0.3823



39.6350, 0.2751, 0.3506



39.6350, 0.2606, 0.2763



39.6350, 0.3503, 0.3079

Rectangle

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



39.6350, 0.3662, 0.3823



39.6350, 0.3167, 0.3834



39.6350, 0.2606, 0.2763



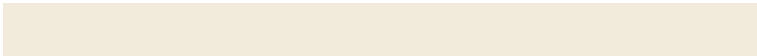
39.6350, 0.3059, 0.2814

Sweetspot

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



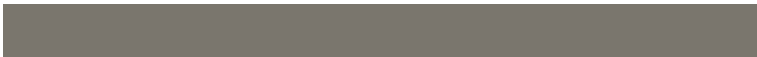
39.6368, 0.3662, 0.3823



83.5903, 0.3269, 0.3440



27.9979, 0.3590, 0.3022



18.2238, 0.3292, 0.3465



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



39.6368, 0.3662, 0.3823



68.7382, 0.3789, 0.3935



45.9479, 0.3502, 0.4081



9.9939, 0.3272, 0.3443



17.0419, 0.4906, 0.4487



0.7086, 0.4680, 0.4666

Inverse Universe

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



29.0063, 0.2617, 0.2691



46.6107, 0.2502, 0.2544



24.3619, 0.2672, 0.2409



9.1873, 0.2985, 0.3132



4.7497, 0.1635, 0.1087



0.2836, 0.1788, 0.1636

Previews

White Background



This preview shows how the Yxy color 39.6350, 0.3662, 0.3823 looks on a white background.

Color Contrast Check

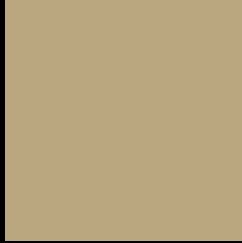
Large Text (above 18pt) WCAG AA × Fail

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 39.6350, 0.3662, 0.3823 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

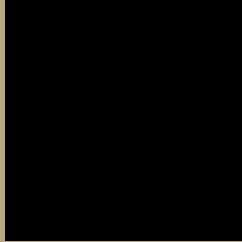
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.6350, 0.3662, 0.3823

Background



This preview shows how black text looks on a background with the Yxy color 39.6350, 0.3662, 0.3823.



This preview shows how white text looks on a background with the Yxy color 39.6350, 0.3662, 0.3823.

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

39.6350, 0.3662, 0.3823

Protanopia

39.7847, 0.3596, 0.3845

Deuteranopia

39.5678, 0.3805, 0.3723



Tritanopia

39.5832, 0.3307, 0.3133

Trichromacy



Original Color

39.6350, 0.3662, 0.3823

Protanomaly

39.6575, 0.3619, 0.3828

Deuteranomaly

39.6052, 0.3745, 0.3757

Tritanomaly

39.4475, 0.3433, 0.3371

Monochromacy



Original Color

39.6350, 0.3662, 0.3823

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.4191, 0.3324, 0.3500

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.6350, 0.3662, 0.3823 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(186, 167, 128)` looks like.

```
.text, #text, p{  
    color:rgb(186, 167, 128)  
}
```

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(186, 167, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 167, 128) }
```

Border

The CSS property to change the border of an element to Yxy 39.6350, 0.3662, 0.3823 is called "border". The border property can be set on classes, ids or directly on the HTML element.

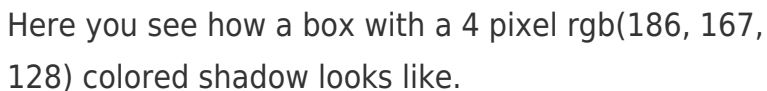
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 167, 128) }
```

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

```
.border{ border-color:rgb(186, 167, 128) }
```

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



Here you see how a box with a 4 pixel `rgb(186, 167, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 167, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 167, 128); box-shadow:4px 4px 4px 4px rgb(186, 167, 128) }
```


Background

The CSS property to change the background color of an element to Yxy 39.6350, 0.3662, 0.3823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 167, 128) }
```

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

```
.background{ background-color: rgb(186,  
167, 128) }
```

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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