

Converting Colors

$Yxy(39.5548, 0.3469, 0.3737)$

Have a look what the booklet for
Yxy(39.5548, 0.3469, 0.3737)
contains.

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Color

Yxy(39.4410, 0.3465, 0.3726)

Conversions

Conversions Part 1

Format	Color
Hex	B0A98A
RGB	176, 169, 138
RGB Percent	69%, 66%, 54%
CMY	0.3099, 0.3372, 0.4587
CMYK	0.00, 0.04, 0.22, 0.31
HSL	49°, 19%, 62%
HSV	49°, 22%, 69%
XYZ	36.6782, 39.4410, 29.7342
YIQ	167.5590, 14.1230, -8.1570

Conversions

Conversions Part 2

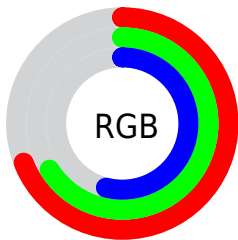
Format	Color
RYB	147, 176, 138
Decimal	11577738
CIELab	69.07, -2.66, 16.92
CIELCh	69, 17.123, 98.930
Yxy	39.4410, 0.3465, 0.3726
Android (android.graphics.Color)	4289767818 (0xFFB0A98A)
YUV	167.5590, -14.5726, 7.4028
Hunter-Lab	62.8021, -5.6545, 15.8900

Details

The Yxy color **39.4410, 0.3465, 0.3726** is a light color, and the websafe version is hex **999966**. A complement of this color would be **28.7904, 0.2779, 0.2813**, and the grayscale version is **38.9986, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.2729, 0.3400, 0.3636**, and **17.6381, 0.3564, 0.3859** is the 20% darker color. If you saturate the color by 10%, you get **37.7852, 0.3635, 0.3934**, and if you desaturate by 10%, it is **41.2127, 0.3303, 0.3520**.

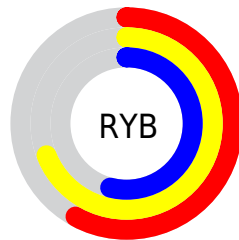
Distribution



Red (69%)

Green (66%)

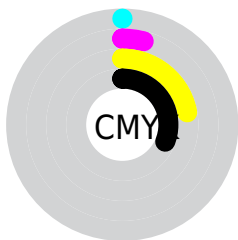
Blue (54%)



Red (58%)

Yellow (69%)

Blue (54%)

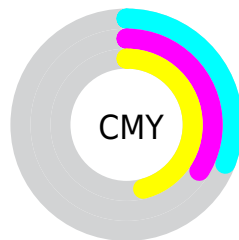


Cyan (0%)

Magenta (4%)

Yellow (22%)

Black (31%)



Cyan (31%)


Magenta (34%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.4410, 0.3465, 0.3726 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 39.4410, 0.3465, 0.3726 by changing the saturation by 10% instead.


 39.4410, 0.3465,
0.3726


 39.4410, 0.3465,
0.3726


343.7618, 0.3293,
0.3501

 27.1030, 0.3509,
0.3784


 74.3115, 0.3402,
0.3643

 17.6506, 0.3566,
0.3860


 97.6128, 0.3378,
0.3612

 10.6994, 0.3642,
0.3963


 125.3373, 0.3358,
0.3586

 5.8651, 0.3748,
0.4110

157.8694, 0.3341,
0.3564

 2.7632, 0.3905,
0.4333

195.5935, 0.3327,
0.3545

 1.0094, 0.4687,
0.5313

238.8940, 0.3314,

 0.0000, 0.0000,

0.3528

0.0000

288.1553, 0.3303,
0.3514

■ 39.4410, 0.3465,
0.3726

■ 39.4410, 0.3465,
0.3726

■ 37.7852, 0.3635,
0.3934

■ 41.2127, 0.3303,
0.3520

■ 36.2358, 0.3807,
0.4136

■ 43.0989, 0.3150,
0.3320

■ 34.7901, 0.3977,
0.4324

■ 45.1050, 0.3009,
0.3131

■ 33.4431, 0.4138,
0.4488

■ 47.2346, 0.2880,
0.2954

■ 32.1894, 0.4282,
0.4619

■ 49.4909, 0.2762,
0.2789

■ 31.0227, 0.4403,
0.4708

■ 51.8772, 0.2656,
0.2638

■ 29.9358, 0.4496,
0.4753

■ 53.9898, 0.2595,
0.2561

■ 29.0684, 0.4558,
0.4763

■ 55.4219, 0.2600,
0.2599

■ 56.8853, 0.2604,
0.2637

Harmonies

Analogous

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



39.4410, 0.3608, 0.3611



39.4410, 0.3465, 0.3726



39.4410, 0.3234, 0.3721

Triad

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



39.4410, 0.3465, 0.3726



39.4410, 0.2661, 0.3128



39.4410, 0.3262, 0.3019

Complementary

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



39.4410, 0.3465, 0.3726



28.7904, 0.2779, 0.2813

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.



39.4410, 0.3005, 0.2899



39.4410, 0.3465, 0.3726



39.4410, 0.2666, 0.2951

Square

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



39.4410, 0.3465, 0.3726



39.4410, 0.2774, 0.3362



39.4410, 0.2789, 0.2872



39.4410, 0.3489, 0.3206

Rectangle

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



39.4410, 0.3465, 0.3726



39.4410, 0.3064, 0.3644



39.4410, 0.2789, 0.2872



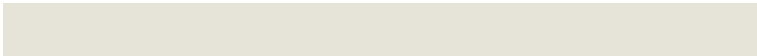
39.4410, 0.3175, 0.2970

Sweetspot

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



39.4428, 0.3465, 0.3726



76.6061, 0.3218, 0.3410



29.4762, 0.3470, 0.3181



16.5550, 0.3228, 0.3422



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



39.4428, 0.3465, 0.3726



70.0580, 0.3547, 0.3828



40.8352, 0.3339, 0.3836



9.6359, 0.3268, 0.3475



21.4117, 0.4554, 0.4766



0.7426, 0.4437, 0.4859

Inverse Universe

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



28.7904, 0.2779, 0.2813



47.1758, 0.2691, 0.2688



27.7471, 0.2882, 0.2720



8.4744, 0.2985, 0.3098



3.1356, 0.1553, 0.0789



0.1741, 0.1685, 0.1266

Previews

White Background



This preview shows how the Yxy color 39.4410, 0.3465, 0.3726 looks on a white background.

Color Contrast Check

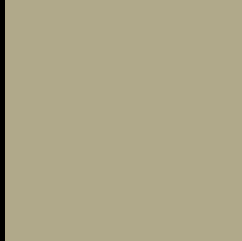
Large Text (above 18pt) WCAG AA × Fail

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 39.4410, 0.3465, 0.3726 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

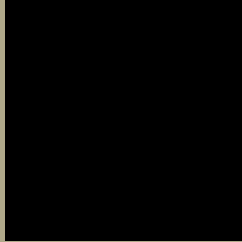
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

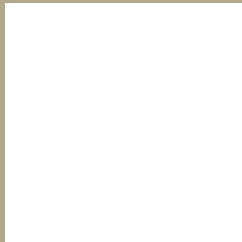
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.4410, 0.3465, 0.3726

Background



This preview shows how black text looks on a background with the Yxy color 39.4410, 0.3465, 0.3726.



This preview shows how white text looks on a background with the Yxy color 39.4410, 0.3465, 0.3726.

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

39.4410, 0.3465, 0.3726

Protanopia

39.3052, 0.3488, 0.3710

Deuteranopia

39.3068, 0.3668, 0.3596



Tritanopia

39.5490, 0.3173, 0.3116

Trichromacy



Original Color

39.4410, 0.3465, 0.3726

Protanomaly

39.1874, 0.3478, 0.3712

Deuteranomaly

39.4657, 0.3587, 0.3644

Tritanomaly

39.5005, 0.3276, 0.3332

Monochromacy



Original Color

39.4410, 0.3465, 0.3726

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.0975, 0.3250, 0.3445

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.4410, 0.3465, 0.3726 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(176, 169, 138)` looks like.

```
.text, #text, p{  
    color:rgb(176, 169, 138)  
}
```

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(176, 169, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 169, 138) }
```

Border

The CSS property to change the border of an element to Yxy 39.4410, 0.3465, 0.3726 is called "border". The border property can be set on classes, ids or directly on the HTML element.

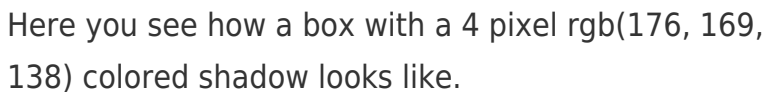
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 169, 138) }
```

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

```
.border{ border-color:rgb(176, 169, 138) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 169, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 169, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 169, 138); box-shadow:4px 4px 4px 4px rgb(176, 169, 138) }
```


Background

The CSS property to change the background color of an element to Yxy 39.4410, 0.3465, 0.3726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 169, 138) }
```

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

```
.background{ background-color: rgb(176,  
169, 138) }
```

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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