

Converting Colors

$Yxy(39.6044, 0.3570, 0.3873)$

Have a look what the booklet for
Yxy(39.6044, 0.3570, 0.3873)
contains.

| | |
|---|----|
| Yxy(39.7729, 0.3571, 0.3878) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(39.7729, 0.3571, 0.3878)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | B2AA80 |
| RGB | 178, 170, 128 |
| RGB Percent | 70%, 67%, 50% |
| CMY | 0.3021, 0.3333, 0.4981 |
| CMYK | 0.00, 0.04, 0.28, 0.30 |
| HSL | 50°, 24%, 60% |
| HSV | 50°, 28%, 70% |
| XYZ | 36.6243, 39.7729, 26.1631 |
| YIQ | 167.6040, 18.2500, -11.3660 |

Conversions

Conversions Part 2

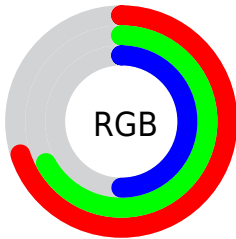
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 138, 178, 128 |
| Decimal | 11709056 |
| CIELab | 69.31, -3.86, 22.74 |
| CIELCh | 69, 23.069, 99.637 |
| Yxy | 39.7729, 0.3571, 0.3878 |
| Android (android.graphics.Color) | 4289899136 (0xFFB2AA80) |
| YUV | 167.6040, -19.5248, 9.1173 |
| Hunter-Lab | 63.0658, -6.7044, 19.5493 |

Details

The Yxy color **39.7729, 0.3571, 0.3878** is a light color, and the websafe version is hex **999966**. A complement of this color would be **25.3908, 0.2659, 0.2624**, and the grayscale version is **39.0426, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.6790, 0.3488, 0.3765**, and **17.8669, 0.3709, 0.4063** is the 20% darker color. If you saturate the color by 10%, you get **38.2965, 0.3739, 0.4088**, and if you desaturate by 10%, it is **41.3579, 0.3406, 0.3665**.

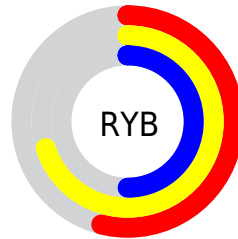
Distribution



Red (70%)

Green (67%)

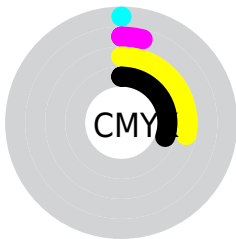
Blue (50%)



Red (54%)

Yellow (70%)

Blue (50%)

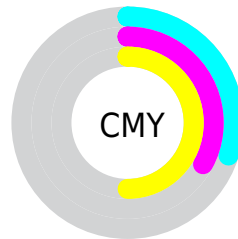


Cyan (0%)

Magenta (4%)

Yellow (28%)

Black (30%)



Cyan (30%)

Magenta (33%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.7729, 0.3571, 0.3878 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 39.7729, 0.3571, 0.3878 by changing the saturation by 10% instead.


 39.7729, 0.3571,
0.3878


 39.7729, 0.3571,
0.3878


345.1655, 0.3346,
0.3575

 27.3615, 0.3627,
0.3956


 74.8176, 0.3489,
0.3766

 17.8449, 0.3699,
0.4056


 98.2197, 0.3458,
0.3725

 10.8387, 0.3793,
0.4191


 126.0541, 0.3432,
0.3690

 5.9585, 0.3921,
0.4380

158.7053, 0.3410,
0.3660

 2.8198, 0.4109,
0.4670

196.5576, 0.3391,
0.3635

 1.0384, 0.4603,
0.5397

239.9955, 0.3374,

 0.0000, 0.0000,

0.3612

0.0000

289.4033, 0.3359,
0.3593

■ 39.7729, 0.3571,
0.3878

■ 39.7729, 0.3571,
0.3878

■ 38.2965, 0.3739,
0.4088

■ 41.3579, 0.3406,
0.3665

■ 36.9190, 0.3906,
0.4287

■ 43.0503, 0.3248,
0.3454

■ 35.6372, 0.4064,
0.4464

■ 44.8557, 0.3100,
0.3252

■ 34.4459, 0.4207,
0.4610

■ 46.7777, 0.2962,
0.3061

■ 33.3390, 0.4328,
0.4718

■ 48.8199, 0.2837,
0.2882

■ 32.3096, 0.4423,
0.4781

■ 50.9855, 0.2722,
0.2717

■ 31.3463, 0.4491,
0.4803

■ 53.2777, 0.2619,
0.2566

■ 31.1658, 0.4504,
0.4806

■ 54.6704, 0.2609,
0.2575

■ 55.9309, 0.2613,
0.2609

Harmonies

Analogous

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



39.7729, 0.3770, 0.3718



39.7729, 0.3571, 0.3878



39.7729, 0.3258, 0.3875

Triad

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



39.7729, 0.3571, 0.3878



39.7729, 0.2506, 0.3059



39.7729, 0.3313, 0.2937

Complementary

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



39.7729, 0.3571, 0.3878



25.3908, 0.2659, 0.2624

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.



39.7729, 0.2968, 0.2776



39.7729, 0.3571, 0.3878



39.7729, 0.2518, 0.2831

Square

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



39.7729, 0.3571, 0.3878



39.7729, 0.2650, 0.3376



39.7729, 0.2682, 0.2735



39.7729, 0.3620, 0.3181

Rectangle

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



39.7729, 0.3571, 0.3878



39.7729, 0.3030, 0.3768



39.7729, 0.2682, 0.2735



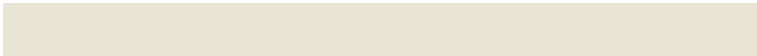
39.7729, 0.3197, 0.2872

Sweetspot

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



39.7747, 0.3571, 0.3878



78.0856, 0.3249, 0.3455



26.6820, 0.3628, 0.3170



17.1952, 0.3272, 0.3487



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



39.7747, 0.3571, 0.3878



70.3947, 0.3680, 0.4016



40.9940, 0.3387, 0.4016



9.6719, 0.3267, 0.3480



22.3852, 0.4500, 0.4809



0.7659, 0.4401, 0.4887

Inverse Universe

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



25.3908, 0.2659, 0.2624



39.7800, 0.2535, 0.2441



24.6351, 0.2809, 0.2529



8.4412, 0.2985, 0.3093



2.9670, 0.1542, 0.0752



0.1604, 0.1663, 0.1186

Previews

White Background



This preview shows how the Yxy color 39.7729, 0.3571, 0.3878 looks on a white background.

Color Contrast Check

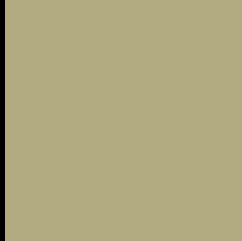
Large Text (above 18pt) WCAG AA × Fail

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 39.7729, 0.3571, 0.3878 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

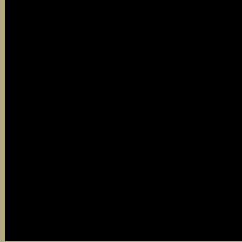
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

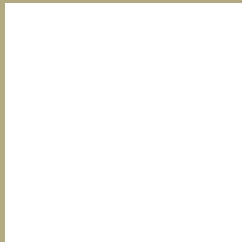
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.7729, 0.3571, 0.3878

Background



This preview shows how black text looks on a background with the Yxy color 39.7729, 0.3571, 0.3878.



This preview shows how white text looks on a background with the Yxy color 39.7729, 0.3571, 0.3878.

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

39.7729, 0.3571, 0.3878

Protanopia

39.7582, 0.3605, 0.3859

Deuteranopia

39.5945, 0.3795, 0.3710



Tritanopia

39.8759, 0.3209, 0.3131

Trichromacy



Original Color

39.7729, 0.3571, 0.3878

Protanomaly

39.6377, 0.3595, 0.3861

Deuteranomaly

39.5716, 0.3711, 0.3775

Tritanomaly

39.7207, 0.3340, 0.3386

Monochromacy



Original Color

39.7729, 0.3571, 0.3878

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.4465, 0.3293, 0.3516

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.7729, 0.3571, 0.3878 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(178, 170, 128)` looks like.

```
.text, #text, p{  
    color:rgb(178, 170, 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(178, 170, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 170, 128) }
```

Border

The CSS property to change the border of an element to Yxy 39.7729, 0.3571, 0.3878 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(178, 170, 128) }
```

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

```
.border{ border-color:rgb(178, 170, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 170, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 170, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 170, 128);  
box-shadow:4px 4px 4px 4px rgb(178, 170,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 39.7729, 0.3571, 0.3878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 170, 128) }
```

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

```
.background{ background-color: rgb(178,  
170, 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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