

Converting Colors

$Yxy(39.7783, 0.3696, 0.3777)$

Have a look what the booklet for
Yxy(39.7783, 0.3696, 0.3777)
contains.

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Color

Yxy(39.8313, 0.3688, 0.3776)

Conversions

Conversions Part 1

Format	Color
Hex	BEA682
RGB	190, 166, 130
RGB Percent	75%, 65%, 51%
CMY	0.2548, 0.3490, 0.4903
CMYK	0.00, 0.13, 0.32, 0.25
HSL	36°, 32%, 63%
HSV	36°, 32%, 75%
XYZ	38.9030, 39.8313, 26.7511
YIQ	169.0720, 25.8600, -6.1080

Conversions

Conversions Part 2

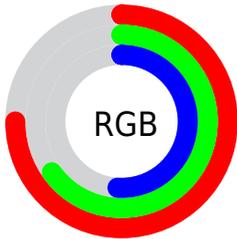
Format	Color
RYB	170, 190, 130
Decimal	12494466
CIELab	69.35, 3.35, 21.89
CIElCh	69, 22.146, 81.292
Yxy	39.8313, 0.3688, 0.3776
Android (android.graphics.Color)	4290684546 (0xFFBEA682)
YUV	169.0720, -19.2625, 18.3539
Hunter-Lab	63.1120, -0.4165, 19.0474

Details

The Yxy color **39.8313, 0.3688, 0.3776** is a light color, and the websafe version is hex **999966**. A complement of this color would be **31.5752, 0.2617, 0.2749**, and the grayscale version is **39.8024, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.9060, 0.3583, 0.3688**, and **17.8481, 0.3866, 0.3916** is the 20% darker color. If you saturate the color by 10%, you get **36.6864, 0.3902, 0.3933**, and if you desaturate by 10%, it is **43.2375, 0.3490, 0.3617**.

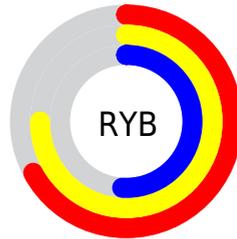
Distribution



Red (75%)

Green (65%)

Blue (51%)



Red (67%)

Yellow (75%)

Blue (51%)

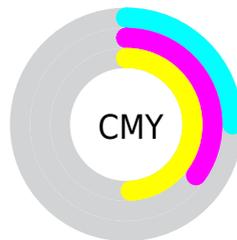


Cyan (0%)

Magenta (13%)

Yellow (32%)

Black (25%)



Cyan (25%)

Magenta (35%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.8313, 0.3688, 0.3776 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 39.8313, 0.3688, 0.3776 by changing the saturation by 10% instead.

 39.8313, 0.3688,
0.3776

 39.8313, 0.3688,
0.3776

345.4120, 0.3401,
0.3531

 27.4070, 0.3761,
0.3837

 74.9066, 0.3582,
0.3687

 17.8792, 0.3855,
0.3915

 98.3263, 0.3543,
0.3653

 10.8633, 0.3981,
0.4017

 126.1801, 0.3510,
0.3625

 5.9750, 0.4156,
0.4155

158.8522, 0.3482,
0.3601

 2.8299, 0.4415,
0.4352

196.7270, 0.3457,
0.3580

 1.0436, 0.5100,
0.4900

240.1890, 0.3436,

 0.0000, 1.0000,

0.3561

0.0000

289.6225, 0.3417,
0.3545

0.0000, 0.0000,
0.0000

39.8313, 0.3688,
0.3776

39.8313, 0.3688,
0.3776

36.6864, 0.3902,
0.3933

43.2375, 0.3490,
0.3617

33.7893, 0.4129,
0.4079

46.9070, 0.3311,
0.3462

31.1333, 0.4362,
0.4205

50.8488, 0.3151,
0.3313

28.7090, 0.4590,
0.4299

55.0697, 0.3009,
0.3173

26.5061, 0.4802,
0.4350

59.5761, 0.2882,
0.3043

■ 24.5130, 0.4986,
0.4350

■ 64.3744, 0.2771,
0.2924

■ 22.9831, 0.5120,
0.4317

■ 68.9447, 0.2716,
0.2895

■ 73.0076, 0.2724,
0.2981

■ 77.2541, 0.2732,
0.3066

Harmonies

Analogous

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



39.8313, 0.3778, 0.3558



39.8313, 0.3688, 0.3776



39.8313, 0.3446, 0.3874

Triad

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



39.8313, 0.3688, 0.3776



39.8313, 0.2598, 0.3250



39.8313, 0.3102, 0.2843

Complementary

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



39.8313, 0.3688, 0.3776



31.5752, 0.2617, 0.2749

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.



39.8313, 0.2795, 0.2756



39.8313, 0.3688, 0.3776



39.8313, 0.2516, 0.2971

Square

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



39.8313, 0.3688, 0.3776



39.8313, 0.2817, 0.3563



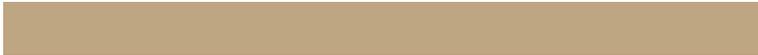
39.8313, 0.2586, 0.2797



39.8313, 0.3430, 0.3035

Rectangle

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



39.8313, 0.3688, 0.3776



39.8313, 0.3235, 0.3844



39.8313, 0.2586, 0.2797



39.8313, 0.2993, 0.2801

Sweetspot

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



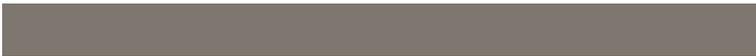
39.8331, 0.3688, 0.3776



86.6867, 0.3270, 0.3424



29.2772, 0.3541, 0.2951



18.8097, 0.3295, 0.3447



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



39.8331, 0.3688, 0.3776



68.1173, 0.3837, 0.3887



48.7619, 0.3553, 0.4080



10.4625, 0.3274, 0.3428



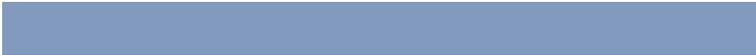
15.4363, 0.5104, 0.4329



0.7294, 0.4831, 0.4546

Inverse Universe

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



31.5752, 0.2617, 0.2749



50.7889, 0.2496, 0.2605



24.8296, 0.2617, 0.2383



9.8350, 0.2984, 0.3149



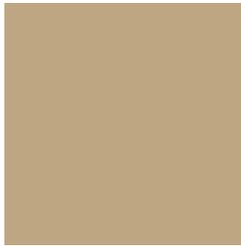
6.0551, 0.1690, 0.1284



0.3657, 0.1826, 0.1774

Previews

White Background



This preview shows how the Yxy color 39.8313, 0.3688, 0.3776 looks on a white background.

Color Contrast Check

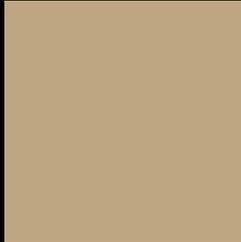
Large Text (above 18pt) WCAG AA × Fail

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 39.8313, 0.3688, 0.3776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

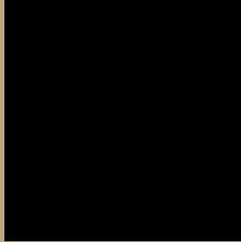
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

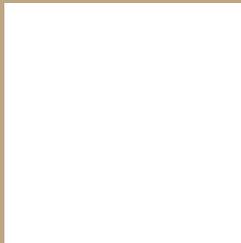
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.8313, 0.3688, 0.3776

Background



This preview shows how black text looks on a background with the Yxy color 39.8313, 0.3688, 0.3776.



This preview shows how white text looks on a background with the Yxy color 39.8313, 0.3688, 0.3776.

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

39.8313, 0.3688, 0.3776

Protanopia

39.8384, 0.3578, 0.3817

Deuteranopia

39.9752, 0.3781, 0.3710



Tritanopia

39.7608, 0.3347, 0.3122

Trichromacy



Original Color

39.8313, 0.3688, 0.3776

Protanomaly

39.8343, 0.3611, 0.3799

Deuteranomaly

39.9254, 0.3747, 0.3727

Tritanomaly

39.6124, 0.3475, 0.3357

Monochromacy



Original Color

39.8313, 0.3688, 0.3776

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.7189, 0.3325, 0.3471

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.8313, 0.3688, 0.3776 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(190, 166, 130)` looks like.

```
.text, #text, p{  
    color:rgb(190, 166, 130)  
}
```

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(190, 166, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 166, 130) }
```

Border

The CSS property to change the border of an element to Yxy 39.8313, 0.3688, 0.3776 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(190, 166, 130) }
```

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

```
.border{ border-color:rgb(190, 166, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 166, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(190, 166, 130); -webkit-box-shadow:4px 4px 4px 4px rgb(190, 166, 130); box-shadow:4px 4px 4px 4px rgb(190, 166, 130) }
```

Background

The CSS property to change the background color of an element to Yxy 39.8313, 0.3688, 0.3776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 166, 130) }
```

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

```
.background{ background-color: rgb(190,  
166, 130) }
```

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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