

Converting Colors

$Yxy(39.5490, 0.3778, 0.3999)$

Have a look what the booklet for
Yxy(39.5490, 0.3778, 0.3999)
contains.

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Color

Yxy(39.3143, 0.3780, 0.3998)

Conversions

Conversions Part 1

Format	Color
Hex	BAA773
RGB	186, 167, 115
RGB Percent	73%, 65%, 45%
CMY	0.2704, 0.3451, 0.5490
CMYK	0.00, 0.10, 0.38, 0.27
HSL	44°, 34%, 59%
HSV	44°, 38%, 73%
XYZ	37.1706, 39.3143, 21.8500
YIQ	166.7530, 28.0160, -12.1440

Conversions

Conversions Part 2

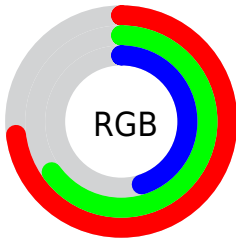
Format	Color
RYB	141, 186, 115
Decimal	12232563
CIELab	68.98, -0.64, 29.42
CIElCh	69, 29.429, 91.252
Yxy	39.3143, 0.3780, 0.3998
Android (android.graphics.Color)	4290422643 (0xFFBAA773)
YUV	166.7530, -25.5142, 16.8796
Hunter-Lab	62.7011, -3.9082, 23.2295

Details

The Yxy color **39.3143, 0.3780, 0.3998** is a light color, and the websafe version is hex **999966**. A complement of this color would be **24.2580, 0.2482, 0.2460**, and the grayscale version is **38.6365, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.0873, 0.3662, 0.3873**, and **17.5603, 0.3973, 0.4195** is the 20% darker color. If you saturate the color by 10%, you get **37.1372, 0.3971, 0.4177**, and if you desaturate by 10%, it is **41.6520, 0.3594, 0.3810**.

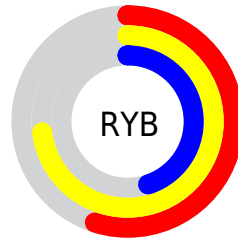
Distribution



Red (73%)

Green (65%)

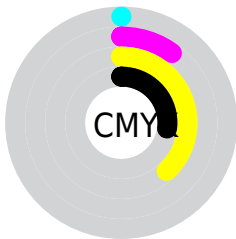
Blue (45%)



Red (55%)

Yellow (73%)

Blue (45%)

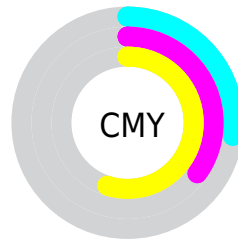


Cyan (0%)

Magenta (10%)

Yellow (38%)

Black (27%)



Cyan (27%)


Magenta (35%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.3143, 0.3780, 0.3998 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 39.3143, 0.3780, 0.3998 by changing the saturation by 10% instead.


 39.3143, 0.3780,
0.3998


 39.3143, 0.3780,
0.3998


343.2249, 0.3449,
0.3639

 27.0043, 0.3862,
0.4087


 74.1182, 0.3660,
0.3867

 17.5765, 0.3965,
0.4201


 97.3809, 0.3615,
0.3818

 10.6463, 0.4099,
0.4348


 125.0634, 0.3577,
0.3776

 5.8296, 0.4275,
0.4543

157.5499, 0.3544,
0.3741

 2.7417, 0.4640,
0.4944

195.2249, 0.3515,
0.3710

 0.9984, 0.4828,
0.5172

238.4728, 0.3491,

 0.0000, 0.0000,

0.3683

0.0000

287.6780, 0.3469,
0.3660

■ 39.3143, 0.3780,
0.3998

■ 39.3143, 0.3780,
0.3998

■ 37.1372, 0.3971,
0.4177

■ 41.6520, 0.3594,
0.3810

■ 35.1092, 0.4161,
0.4336

■ 44.1505, 0.3417,
0.3621

■ 33.2256, 0.4340,
0.4467


■ 46.8167, 0.3252,
0.3436


■ 31.4790, 0.4502,
0.4558


■ 49.6555, 0.3101,
0.3259

■ 29.8609, 0.4637,
0.4602

■ 52.6716, 0.2964,
0.3092

 28.3582, 0.4744,
0.4602

 55.8695, 0.2840,
0.2937

 28.0940, 0.4763,
0.4600

 59.2532, 0.2729,
0.2794

 62.2446, 0.2678,
0.2751

 64.6992, 0.2684,
0.2809

Harmonies

Analogous

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



39.3143, 0.3983, 0.3740



39.3143, 0.3780, 0.3998



39.3143, 0.3407, 0.4073

Triad

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



39.3143, 0.3780, 0.3998



39.3143, 0.2374, 0.3092



39.3143, 0.3237, 0.2776

Complementary

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



39.3143, 0.3780, 0.3998



24.2580, 0.2482, 0.2460

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.



39.3143, 0.2808, 0.2614



39.3143, 0.3780, 0.3998



39.3143, 0.2336, 0.2766

Square

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



39.3143, 0.3780, 0.3998



39.3143, 0.2601, 0.3518



39.3143, 0.2488, 0.2604



39.3143, 0.3662, 0.3055

Rectangle

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



39.3143, 0.3780, 0.3998



39.3143, 0.3118, 0.3983



39.3143, 0.2488, 0.2604



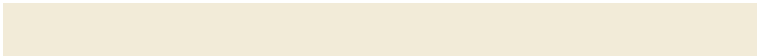
39.3143, 0.3088, 0.2707

Sweetspot

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



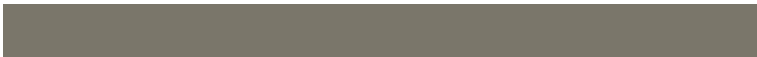
39.3161, 0.3780, 0.3998



83.3347, 0.3300, 0.3490



24.4600, 0.3785, 0.3008



18.2057, 0.3322, 0.3516



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.



39.3161, 0.3780, 0.3998



67.8243, 0.3944, 0.4152



44.9921, 0.3550, 0.4272



10.0848, 0.3270, 0.3457



19.0200, 0.4753, 0.4608



0.7667, 0.4579, 0.4746

Inverse Universe

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



24.2580, 0.2482, 0.2460



36.6217, 0.2323, 0.2233



20.5868, 0.2581, 0.2190



9.1009, 0.2985, 0.3118



4.0210, 0.1596, 0.0947



0.2474, 0.1744, 0.1478

Previews

White Background



This preview shows how the Yxy color 39.3143, 0.3780, 0.3998 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 39.3143, 0.3780, 0.3998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

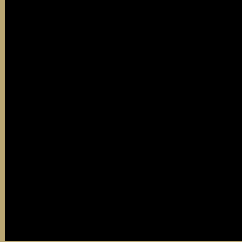
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.3143, 0.3780, 0.3998

Background



This preview shows how black text looks on a background with the Yxy color 39.3143, 0.3780, 0.3998.



This preview shows how white text looks on a background with the Yxy color 39.3143, 0.3780, 0.3998.

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

39.3143, 0.3780, 0.3998

Protanopia

39.2113, 0.3726, 0.4008

Deuteranopia

39.1682, 0.3954, 0.3873



Tritanopia

39.3266, 0.3327, 0.3134

Trichromacy



Original Color

39.3143, 0.3780, 0.3998

Protanomaly

39.3335, 0.3736, 0.4006

Deuteranomaly

39.1911, 0.3892, 0.3910

Tritanomaly

39.3759, 0.3499, 0.3452

Monochromacy



Original Color

39.3143, 0.3780, 0.3998

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.7742, 0.3361, 0.3558

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.3143, 0.3780, 0.3998 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, 115)` looks like.

```
.text, #text, p{  
    color:rgb(186, 167, 115)  
}
```

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, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 167, 115) }
```

Border

The CSS property to change the border of an element to Yxy 39.3143, 0.3780, 0.3998 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, 115) }
```

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

```
.border{ border-color:rgb(186, 167, 115) }
```

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, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 167, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 167, 115);  
box-shadow:4px 4px 4px 4px rgb(186, 167,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 39.3143, 0.3780, 0.3998 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, 115) }
```

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

```
.background{ background-color: rgb(186,  
167, 115) }
```

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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