

Converting Colors

Yxy(38.4643, 0.3813, 0.3908)

Have a look what the booklet for
Yxy(38.4643, 0.3813, 0.3908)
contains.

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Color

Yxy(38.4495, 0.3812, 0.3898)

Conversions

Conversions Part 1

Format	Color
Hex	BEA376
RGB	190, 163, 118
RGB Percent	75%, 64%, 46%
CMY	0.2550, 0.3608, 0.5371
CMYK	0.00, 0.14, 0.38, 0.25
HSL	38°, 36%, 60%
HSV	38°, 38%, 75%
XYZ	37.6012, 38.4495, 22.5883
YIQ	165.9430, 30.5370, -8.2710

Conversions

Conversions Part 2

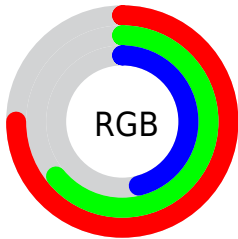
Format	Color
RYB	161, 190, 118
Decimal	12493686
CIELab	68.35, 3.47, 27.04
CIElCh	68, 27.257, 82.688
Yxy	38.4495, 0.3812, 0.3898
Android (android.graphics.Color)	4290683766 (0xFFBEA376)
YUV	165.9430, -23.6359, 21.0980
Hunter-Lab	62.0077, -0.2717, 21.8070

Details

The Yxy color **38.4495, 0.3812, 0.3898** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **27.8243, 0.2505, 0.2591**, and the grayscale version is **38.2109, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.8572, 0.3677, 0.3785**, and **16.9494, 0.4015, 0.4063** is the 20% darker color. If you saturate the color by 10%, you get **35.5851, 0.4029, 0.4055**, and if you desaturate by 10%, it is **41.5510, 0.3608, 0.3734**.

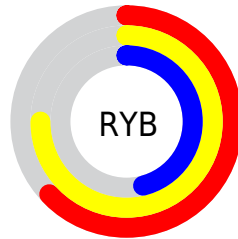
Distribution



Red (75%)

Green (64%)

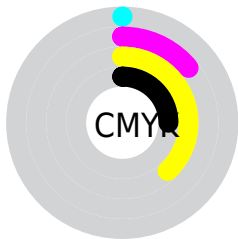
Blue (46%)



Red (63%)

Yellow (75%)

Blue (46%)

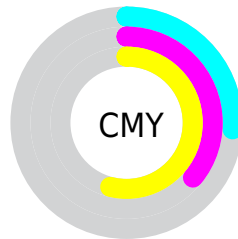


Cyan (0%)

Magenta (14%)

Yellow (38%)

Black (25%)



Cyan (26%)


Magenta (36%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.4495, 0.3812, 0.3898 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 38.4495, 0.3812, 0.3898 by changing the saturation by 10% instead.


 38.4495, 0.3812,
0.3898

 38.4495, 0.3812,
0.3898


339.5443, 0.3461,
0.3591


 26.3317, 0.3901,
0.3974


 72.7966, 0.3683,
0.3787

 17.0720, 0.4014,
0.4069


 95.7947, 0.3635,
0.3745

 10.2858, 0.4164,
0.4192


 123.1884, 0.3595,
0.3710

 5.5889, 0.4367,
0.4353

155.3621, 0.3560,
0.3679

 2.5967, 0.4755,
0.4667

192.7001, 0.3530,
0.3653

 0.9250, 0.5117,
0.4883

235.5869, 0.3504,

 0.0000, 0.0000,

0.3630

0.0000

284.4068, 0.3481,
0.3610

■ 38.4495, 0.3812,
0.3898

■ 38.4495, 0.3812,
0.3898

■ 35.5851, 0.4029,
0.4055

■ 41.5510, 0.3608,
0.3734

■ 32.9446, 0.4252,
0.4195

■ 44.8914, 0.3420,
0.3570

■ 30.5212, 0.4473,
0.4307

■ 48.4795, 0.3249,
0.3410

■ 28.3058, 0.4681,
0.4381

■ 52.3218, 0.3096,
0.3259

■ 26.2876, 0.4864,
0.4405

■ 56.4245, 0.2960,
0.3117

■ 24.4520, 0.5017,
0.4381

■ 60.7936, 0.2839,
0.2985

■ 24.0807, 0.5049,
0.4373

■ 65.4348, 0.2732,
0.2864

■ 69.3481, 0.2717,
0.2904

■ 73.1671, 0.2724,
0.2984

Harmonies

Analogous

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



38.4495, 0.3939, 0.3627



38.4495, 0.3812, 0.3898



38.4495, 0.3501, 0.4022

Triad

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



38.4495, 0.3812, 0.3898



38.4495, 0.2466, 0.3216



38.4495, 0.3111, 0.2751

Complementary

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



38.4495, 0.3812, 0.3898



27.8243, 0.2505, 0.2591

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.



38.4495, 0.2730, 0.2637



38.4495, 0.3812, 0.3898



38.4495, 0.2376, 0.2875

Square

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



38.4495, 0.3812, 0.3898



38.4495, 0.2725, 0.3615



38.4495, 0.2470, 0.2674



38.4495, 0.3521, 0.2988

Rectangle

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



38.4495, 0.3812, 0.3898



38.4495, 0.3237, 0.3983



38.4495, 0.2470, 0.2674



38.4495, 0.2976, 0.2698

Sweetspot

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



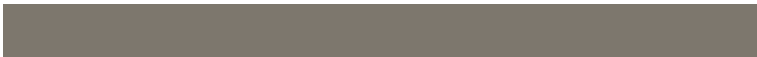
38.4513, 0.3812, 0.3898



85.6672, 0.3304, 0.3462



25.9728, 0.3687, 0.2913



18.6143, 0.3327, 0.3484



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.



38.4513, 0.3812, 0.3898



65.5753, 0.3981, 0.4022



48.0250, 0.3612, 0.4244



10.5029, 0.3273, 0.3433



16.1695, 0.5034, 0.4385



0.7552, 0.4784, 0.4584

Inverse Universe

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



27.8243, 0.2505, 0.2591



43.7262, 0.2368, 0.2415



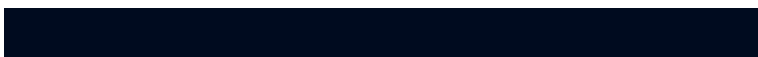
21.1493, 0.2517, 0.2178



9.7957, 0.2984, 0.3143



5.6285, 0.1670, 0.1212



0.3472, 0.1808, 0.1709

Previews

White Background



This preview shows how the Yxy color 38.4495, 0.3812, 0.3898 looks on a white background.

Color Contrast Check

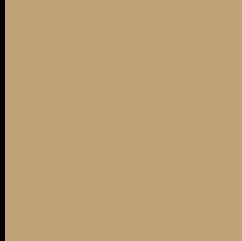
Large Text (above 18pt) WCAG AA × Fail

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 38.4495, 0.3812, 0.3898 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

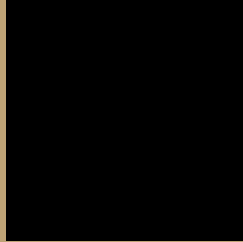
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.4495, 0.3812, 0.3898

Background



This preview shows how black text looks on a background with the Yxy color 38.4495, 0.3812, 0.3898.



This preview shows how white text looks on a background with the Yxy color 38.4495, 0.3812, 0.3898.

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

38.4495, 0.3812, 0.3898

Protanopia

38.6968, 0.3674, 0.3946

Deuteranopia

38.4793, 0.3900, 0.3829



Tritanopia

38.2436, 0.3392, 0.3121

Trichromacy



Original Color

38.4495, 0.3812, 0.3898

Protanomaly

38.7947, 0.3728, 0.3937

Deuteranomaly

38.4237, 0.3864, 0.3849

Tritanomaly

38.3357, 0.3550, 0.3411

Monochromacy



Original Color

38.4495, 0.3812, 0.3898

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

38.1942, 0.3365, 0.3516

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.4495, 0.3812, 0.3898 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, 163, 118)` looks like.

```
.text, #text, p{  
    color:rgb(190, 163, 118)  
}
```

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, 163, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 163, 118) }
```

Border

The CSS property to change the border of an element to Yxy 38.4495, 0.3812, 0.3898 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, 163, 118) }
```

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

```
.border{ border-color:rgb(190, 163, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 163, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 163, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 163, 118);  
box-shadow:4px 4px 4px 4px rgb(190, 163,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 38.4495, 0.3812, 0.3898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 163, 118) }
```

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

```
.background{ background-color: rgb(190,  
163, 118) }
```

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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