

Converting Colors

$Yxy(39.8752, 0.3789, 0.3924)$

Have a look what the booklet for
Yxy(39.8752, 0.3789, 0.3924)
contains.

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Color

Yxy(40.0457, 0.3794, 0.3933)

Conversions

Conversions Part 1

Format	Color
Hex	BFA777
RGB	191, 167, 119
RGB Percent	75%, 65%, 47%
CMY	0.2511, 0.3451, 0.5334
CMYK	0.00, 0.13, 0.38, 0.25
HSL	40°, 36%, 61%
HSV	40°, 38%, 75%
XYZ	38.6304, 40.0457, 23.1436
YIQ	168.7040, 29.7120, -9.8400

Conversions

Conversions Part 2

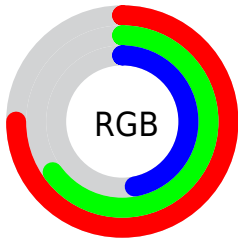
Format	Color
RYB	155, 191, 119
Decimal	12560247
CIELab	69.50, 1.82, 28.06
CIElCh	70, 28.118, 86.279
Yxy	40.0457, 0.3794, 0.3933
Android (android.graphics.Color)	4290750327 (0xFFBFA777)
YUV	168.7040, -24.5041, 19.5536
Hunter-Lab	63.2817, -1.7773, 22.6134

Details

The Yxy color **40.0457, 0.3794, 0.3933** is a light color, and the websafe version is hex **999966**. A complement of this color would be **27.3157, 0.2501, 0.2546**, and the grayscale version is **39.6343, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.1776, 0.3665, 0.3812**, and **17.9379, 0.3982, 0.4108** is the 20% darker color. If you saturate the color by 10%, you get **37.3607, 0.4000, 0.4099**, and if you desaturate by 10%, it is **42.9412, 0.3597, 0.3759**.

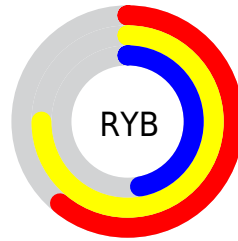
Distribution



Red (75%)

Green (65%)

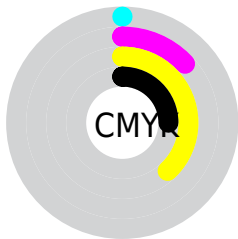
Blue (47%)



Red (61%)

Yellow (75%)

Blue (47%)

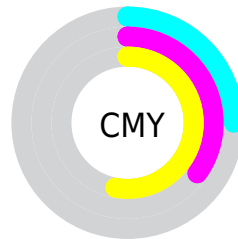


Cyan (0%)

Magenta (13%)

Yellow (38%)

Black (25%)



Cyan (25%)

Magenta (35%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 40.0457, 0.3794, 0.3933 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 40.0457, 0.3794, 0.3933 by changing the saturation by 10% instead.


 40.0457, 0.3794,
0.3933


 40.0457, 0.3794,
0.3933


346.3162, 0.3456,
0.3609

 27.5742, 0.3878,
0.4013


 75.2331, 0.3671,
0.3816

 18.0049, 0.3986,
0.4113

 98.7178, 0.3624,
0.3772

 10.9535, 0.4126,
0.4243


 126.6423, 0.3585,
0.3734

 6.0356, 0.4313,
0.4413

159.3910, 0.3552,
0.3702

 2.8667, 0.4644,
0.4716

197.3484, 0.3523,
0.3674

 1.0626, 0.4996,
0.5004

240.8987, 0.3498,

 0.0000, 0.0000,

0.3650

0.0000

290.4265, 0.3475,
0.3628

■ 40.0457, 0.3794,
0.3933

■ 40.0457, 0.3794,
0.3933

■ 37.3607, 0.4000,
0.4099

■ 42.9412, 0.3597,
0.3759

■ 34.8735, 0.4210,
0.4248

■ 46.0483, 0.3414,
0.3585

■ 32.5780, 0.4415,
0.4369

■ 49.3751, 0.3246,
0.3415

■ 30.4657, 0.4605,
0.4451

■ 52.9276, 0.3094,
0.3254

■ 28.5266, 0.4769,
0.4485

■ 56.7115, 0.2957,
0.3102

■ 26.7470, 0.4904,
0.4471

■ 60.7322, 0.2835,
0.2962

■ 26.3543, 0.4934,
0.4465

■ 64.9948, 0.2727,
0.2832

■ 68.3761, 0.2721,
0.2881

■ 71.7353, 0.2727,
0.2953

Harmonies

Analogous

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



40.0457, 0.3950, 0.3670



40.0457, 0.3794, 0.3933



40.0457, 0.3460, 0.4036

Triad

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



40.0457, 0.3794, 0.3933



40.0457, 0.2434, 0.3167



40.0457, 0.3162, 0.2766

Complementary

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



40.0457, 0.3794, 0.3933



27.3157, 0.2501, 0.2546

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.



40.0457, 0.2764, 0.2633



40.0457, 0.3794, 0.3933



40.0457, 0.2366, 0.2834

Square

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



40.0457, 0.3794, 0.3933



40.0457, 0.2678, 0.3573



40.0457, 0.2482, 0.2651



40.0457, 0.3574, 0.3017

Rectangle

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



40.0457, 0.3794, 0.3933



40.0457, 0.3189, 0.3977



40.0457, 0.2482, 0.2651



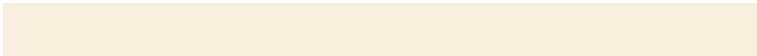
40.0457, 0.3022, 0.2706

Sweetspot

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



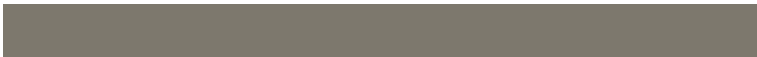
40.0476, 0.3794, 0.3933



86.3312, 0.3302, 0.3473



26.2488, 0.3729, 0.2963



18.7770, 0.3325, 0.3497



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.



40.0476, 0.3794, 0.3933



67.8528, 0.3959, 0.4067



48.1668, 0.3578, 0.4251



10.5706, 0.3272, 0.3443



17.4763, 0.4921, 0.4475



0.8001, 0.4706, 0.4645

Inverse Universe

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



27.3157, 0.2501, 0.2546



41.9015, 0.2357, 0.2354



21.7773, 0.2554, 0.2194



9.7305, 0.2984, 0.3133



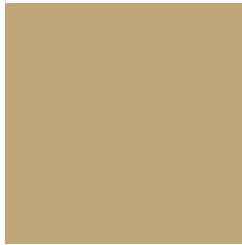
4.9856, 0.1639, 0.1098



0.3180, 0.1779, 0.1604

Previews

White Background



This preview shows how the Yxy color 40.0457, 0.3794, 0.3933 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 40.0457, 0.3794, 0.3933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

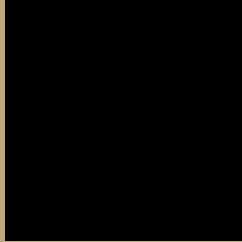
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.0457, 0.3794, 0.3933

Background



This preview shows how black text looks on a background with the Yxy color 40.0457, 0.3794, 0.3933.



This preview shows how white text looks on a background with the Yxy color 40.0457, 0.3794, 0.3933.

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

40.0457, 0.3794, 0.3933

Protanopia

40.1728, 0.3692, 0.3977

Deuteranopia

40.1070, 0.3916, 0.3845



Tritanopia

40.0291, 0.3366, 0.3123

Trichromacy



Original Color

40.0457, 0.3794, 0.3933

Protanomaly

40.1711, 0.3726, 0.3957

Deuteranomaly

39.9128, 0.3870, 0.3866

Tritanomaly

40.0964, 0.3530, 0.3423

Monochromacy



Original Color

40.0457, 0.3794, 0.3933

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.5867, 0.3361, 0.3527

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.0457, 0.3794, 0.3933 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(191, 167, 119)` looks like.

```
.text, #text, p{  
    color:rgb(191, 167, 119)  
}
```

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(191, 167, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 167, 119) }
```

Border

The CSS property to change the border of an element to Yxy 40.0457, 0.3794, 0.3933 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(191, 167, 119) }
```

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

```
.border{ border-color:rgb(191, 167, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 167, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 167, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 167, 119);  
box-shadow:4px 4px 4px 4px rgb(191, 167,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 40.0457, 0.3794, 0.3933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 167, 119) }
```

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

```
.background{ background-color: rgb(191,  
167, 119) }
```

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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