

Converting Colors

$Y_{xy}(30.2383, 0.4040, 0.3835)$

Have a look what the booklet for
Yxy(30.2383, 0.4040, 0.3835)
contains.

Yxy(30.3233, 0.4042, 0.3839)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(30.3233, 0.4042, 0.3839)

Conversions

Conversions Part 1

Format	Color
Hex	B98D66
RGB	185, 141, 102
RGB Percent	73%, 55%, 40%
CMY	0.2746, 0.4470, 0.6000
CMYK	0.00, 0.24, 0.45, 0.27
HSL	28°, 37%, 56%
HSV	28°, 45%, 73%
XYZ	31.9267, 30.3233, 16.7375
YIQ	149.7100, 38.7430, -2.8010

Conversions

Conversions Part 2

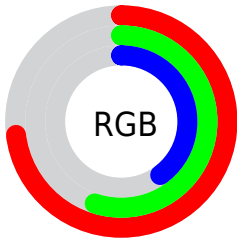
Format	Color
RYB	185, 176, 102
Decimal	12160358
CIELab	61.93, 11.66, 27.23
CIELCh	62, 29.618, 66.827
Yxy	30.3233, 0.4042, 0.3839
Android (android.graphics.Color)	4290350438 (0xFFB98D66)
YUV	149.7100, -23.5210, 30.9493
Hunter-Lab	55.0666, 7.1249, 20.5255

Details

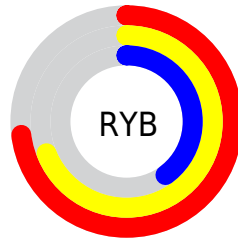
The Yxy color **30.3233, 0.4042, 0.3839** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **26.8703, 0.2422, 0.2656**, and the grayscale version is **30.4590, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.3848, 0.3862, 0.3748**, and **12.4943, 0.4350, 0.3993** is the 20% darker color. If you saturate the color by 10%, you get **27.2341, 0.4312, 0.3951**, and if you desaturate by 10%, it is **33.7530, 0.3794, 0.3716**.

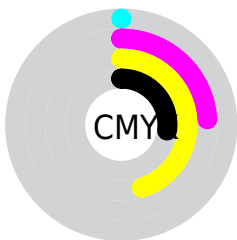
Distribution



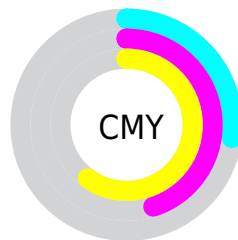
- Red (73%)
- Green (55%)
- Blue (40%)



- Red (73%)
- Yellow (69%)
- Blue (40%)



- Cyan (0%)
- Magenta (24%)
- Yellow (45%)
- Black (27%)





- Cyan (27%)
- Magenta (45%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.3233, 0.4042, 0.3839 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 30.3233, 0.4042, 0.3839 by changing the saturation by 10% instead.


 30.3233, 0.4042,
0.3839


 30.3233, 0.4042,
0.3839


303.4085, 0.3553,
0.3563

 20.0841, 0.4173,
0.3905


 60.1731, 0.3857,
0.3740


 12.4562, 0.4344,
0.3986


 80.5525, 0.3790,
0.3702

 7.0552, 0.4576,
0.4084


 105.0807, 0.3734,
0.3670

 3.4966, 0.4910,
0.4201

 134.1422, 0.3686,
0.3643

 1.3962, 0.5564,
0.4436

168.1213, 0.3646,
0.3619

 0.2139, 0.6952,
0.3048

207.4025, 0.3610,

 0.0000, 0.0000,

0.3598

0.0000

252.3701, 0.3580,
0.3579

■ 30.3233, 0.4042,
0.3839

■ 30.3233, 0.4042,
0.3839

■ 27.2341, 0.4312,
0.3951

■ 33.7530, 0.3794,
0.3716

■ 24.4690, 0.4597,
0.4040

■ 37.5303, 0.3571,
0.3589

■ 22.0165, 0.4883,
0.4094

■ 41.6673, 0.3374,
0.3465

■ 19.8620, 0.5151,
0.4102

■ 46.1743, 0.3202,
0.3345

■ 17.9895, 0.5384,
0.4055

■ 51.0609, 0.3053,
0.3234

■ 17.1254, 0.5494,
0.4019

■ 56.3366, 0.2923,
0.3130

■ 62.0103, 0.2811,
0.3035

■ 68.0907, 0.2713,
0.2947

■ 73.6878, 0.2697,
0.3006

Harmonies

Analogous

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



30.3233, 0.4052, 0.3475



30.3233, 0.4042, 0.3839



30.3233, 0.3774, 0.4099

Triad

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



30.3233, 0.4042, 0.3839



30.3233, 0.2491, 0.3450



30.3233, 0.2857, 0.2576

Complementary

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



30.3233, 0.4042, 0.3839



26.8703, 0.2422, 0.2656

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.



30.3233, 0.2481, 0.2530



30.3233, 0.4042, 0.3839



30.3233, 0.2283, 0.2991

Square

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



30.3233, 0.4042, 0.3839



30.3233, 0.2873, 0.3896



30.3233, 0.2280, 0.2667



30.3233, 0.3337, 0.2779

Rectangle

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



30.3233, 0.4042, 0.3839



30.3233, 0.3498, 0.4157



30.3233, 0.2280, 0.2667



30.3233, 0.2716, 0.2542

Sweetspot

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



30.3248, 0.4042, 0.3839



75.9313, 0.3344, 0.3444



21.8956, 0.3663, 0.2677



16.0009, 0.3384, 0.3471



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



30.3248, 0.4042, 0.3839



48.7781, 0.4313, 0.3951



44.8146, 0.3798, 0.4345



9.6898, 0.3276, 0.3398



11.8071, 0.5474, 0.4036



0.5403, 0.5061, 0.4364

Inverse Universe

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



26.8703, 0.2422, 0.2656



41.7794, 0.2272, 0.2483



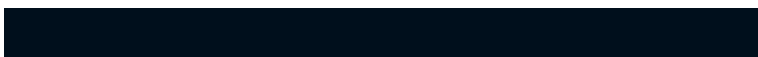
16.3795, 0.2302, 0.1958



9.4859, 0.2985, 0.3180



8.4812, 0.1806, 0.1699



0.4218, 0.1930, 0.2148

Previews

White Background



This preview shows how the Yxy color 30.3233, 0.4042, 0.3839 looks on a white background.

Color Contrast Check

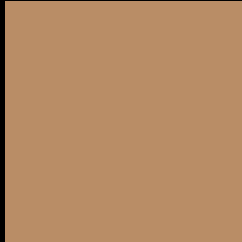
Large Text (above 18pt) WCAG AA × Fail

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 30.3233, 0.4042, 0.3839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

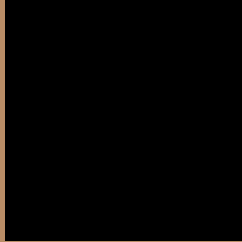
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.3233, 0.4042, 0.3839

Background



This preview shows how black text looks on a background with the Yxy color 30.3233, 0.4042, 0.3839.



This preview shows how white text looks on a background with the Yxy color 30.3233, 0.4042, 0.3839.

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

30.3233, 0.4042, 0.3839

Protanopia

30.5347, 0.3691, 0.3967

Deuteranopia

30.1879, 0.3962, 0.3882



Tritanopia

30.2221, 0.3620, 0.3140

Trichromacy



Original Color

30.3233, 0.4042, 0.3839

Protanomaly

30.4334, 0.3806, 0.3918

Deuteranomaly

30.1291, 0.3991, 0.3863

Tritanomaly

30.1944, 0.3785, 0.3390

Monochromacy



Original Color

30.3233, 0.4042, 0.3839

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

30.3474, 0.3438, 0.3504

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.3233, 0.4042, 0.3839 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(185, 141, 102)` looks like.

```
.text, #text, p{  
    color:rgb(185, 141, 102)  
}
```

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(185, 141, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 141, 102) }
```

Border

The CSS property to change the border of an element to Yxy 30.3233, 0.4042, 0.3839 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(185, 141, 102) }
```

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

```
.border{ border-color:rgb(185, 141, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 141, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 141, 102); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 141, 102); box-shadow:4px 4px 4px 4px rgb(185, 141, 102) }
```


Background

The CSS property to change the background color of an element to Yxy 30.3233, 0.4042, 0.3839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 141, 102) }
```

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

```
.background{ background-color: rgb(185,  
141, 102) }
```

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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