

Converting Colors

$Yxy(39.7053, 0.4003, 0.4283)$

Have a look what the booklet for
Yxy(39.7053, 0.4003, 0.4283)
contains.

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Color

Yxy(39.7251, 0.4008, 0.4284)

Conversions

Conversions Part 1

Format	Color
Hex	BEA85C
RGB	190, 168, 92
RGB Percent	75%, 66%, 36%
CMY	0.2550, 0.3411, 0.6391
CMYK	0.00, 0.12, 0.52, 0.25
HSL	47°, 43%, 55%
HSV	47°, 52%, 75%
XYZ	37.1658, 39.7251, 15.8381
YIQ	165.9140, 37.5080, -18.9720

Conversions

Conversions Part 2

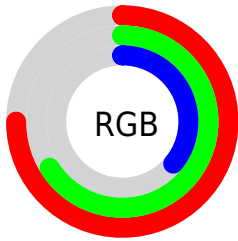
Format	Color
RYB	120, 190, 92
Decimal	12494940
CIELab	69.27, -1.93, 41.84
CIELCh	69, 41.885, 92.641
Yxy	39.7251, 0.4008, 0.4284
Android (android.graphics.Color)	4290685020 (0xFFBEA85C)
YUV	165.9140, -36.4396, 21.1234
Hunter-Lab	63.0279, -5.0422, 29.2207

Details

The Yxy color **39.7251, 0.4008, 0.4284** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **18.0238, 0.2219, 0.2028**, and the grayscale version is **38.2559, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.7454, 0.3854, 0.4107**, and **17.7335, 0.4225, 0.4537** is the 20% darker color. If you saturate the color by 10%, you get **37.8879, 0.4181, 0.4442**, and if you desaturate by 10%, it is **41.7008, 0.3827, 0.4103**.

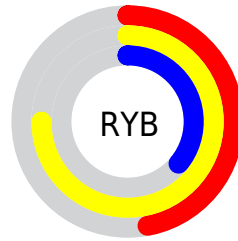
Distribution



Red (75%)

Green (66%)

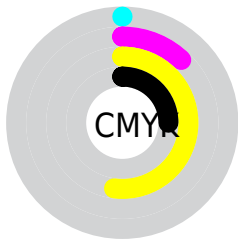
Blue (36%)



Red (47%)

Yellow (75%)

Blue (36%)

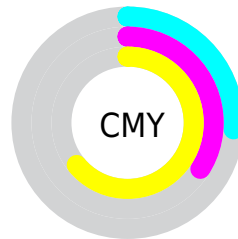


Cyan (0%)

Magenta (12%)

Yellow (52%)

Black (25%)



Cyan (26%)


Magenta (34%)


Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.7251, 0.4008, 0.4284 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 39.7251, 0.4008, 0.4284 by changing the saturation by 10% instead.


 39.7251, 0.4008,
0.4284


 39.7251, 0.4008,
0.4284


344.9635, 0.3573,
0.3789

 27.3243, 0.4109,
0.4401


 74.7447, 0.3855,
0.4108

 17.8169, 0.4230,
0.4543


 98.1323, 0.3795,
0.4040

 10.8186, 0.4376,
0.4718


 125.9509, 0.3745,
0.3982

 5.9450, 0.4558,
0.4941

 158.5850, 0.3701,
0.3933

 2.8117, 0.4777,
0.5223

196.4189, 0.3663,
0.3890

 1.0342, 0.4739,
0.5261

239.8370, 0.3629,

 0.0000, 0.0000,

0.3852

0.0000

289.2238, 0.3600,
0.3818

■ 39.7251, 0.4008,
0.4284

■ 39.7251, 0.4008,
0.4284

■ 37.8879, 0.4181,
0.4442

■ 41.7008, 0.3827,
0.4103

■ 36.1769, 0.4340,
0.4567

■ 43.8157, 0.3647,
0.3908

■ 34.5861, 0.4475,
0.4649

■ 46.0772, 0.3471,
0.3708

■ 33.1065, 0.4583,
0.4685

■ 48.4907, 0.3305,
0.3510

■ 31.9299, 0.4655,
0.4686

■ 51.0611, 0.3150,
0.3319

■ 53.7929, 0.3008,
0.3138

■ 56.6907, 0.2879,
0.2969

■ 59.7586, 0.2763,
0.2812

■ 62.4747, 0.2702,
0.2748

Harmonies

Analogous

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



39.7251, 0.4324, 0.3904



39.7251, 0.4008, 0.4284



39.7251, 0.3471, 0.4417

Triad

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



39.7251, 0.4008, 0.4284



39.7251, 0.2081, 0.2964



39.7251, 0.3302, 0.2601

Complementary

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



39.7251, 0.4008, 0.4284



18.0238, 0.2219, 0.2028

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.



39.7251, 0.2699, 0.2374



39.7251, 0.4008, 0.4284



39.7251, 0.2047, 0.2531

Square

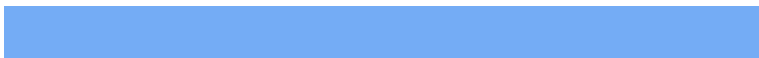
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



39.7251, 0.4008, 0.4284



39.7251, 0.2368, 0.3579



39.7251, 0.2259, 0.2340



39.7251, 0.3909, 0.2976

Rectangle

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



39.7251, 0.4008, 0.4284



39.7251, 0.3067, 0.4290



39.7251, 0.2259, 0.2340



39.7251, 0.3090, 0.2507

Sweetspot

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



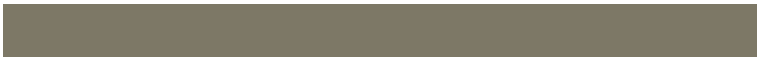
39.7270, 0.4008, 0.4284



86.2545, 0.3365, 0.3582



19.8367, 0.4232, 0.2983



18.7353, 0.3400, 0.3624



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.



39.7270, 0.4008, 0.4284



68.2167, 0.4205, 0.4462



45.4665, 0.3630, 0.4634



10.7477, 0.3270, 0.3467



21.3588, 0.4648, 0.4692



0.9277, 0.4519, 0.4794

Inverse Universe

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



18.0238, 0.2219, 0.2028



24.6535, 0.2010, 0.1696



15.2358, 0.2385, 0.1763



9.5631, 0.2984, 0.3107



3.7007, 0.1571, 0.0856



0.2458, 0.1700, 0.1320

Previews

White Background



This preview shows how the Yxy color 39.7251, 0.4008, 0.4284 looks on a white background.

Color Contrast Check

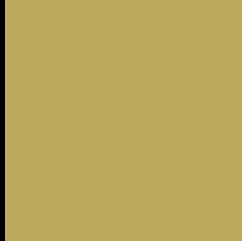
Large Text (above 18pt) WCAG AA × Fail

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 39.7251, 0.4008, 0.4284 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 39.7251, 0.4008, 0.4284

Background



This preview shows how black text looks on a background with the Yxy color 39.7251, 0.4008, 0.4284.



This preview shows how white text looks on a background with the Yxy color 39.7251, 0.4008, 0.4284.

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

39.7251, 0.4008, 0.4284

Protanopia

39.5877, 0.3962, 0.4312

Deuteranopia

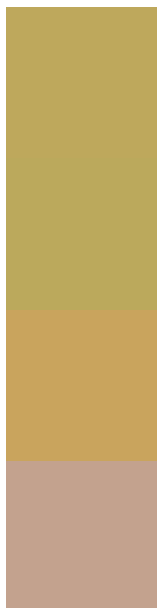
39.5633, 0.4212, 0.4115



Tritanopia

39.7423, 0.3397, 0.3136

Trichromacy



Original Color

39.7251, 0.4008, 0.4284

Protanomaly

39.7134, 0.3972, 0.4308

Deuteranomaly

39.7587, 0.4139, 0.4183

Tritanomaly

39.3958, 0.3639, 0.3556

Monochromacy



Original Color

39.7251, 0.4008, 0.4284

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

38.6155, 0.3452, 0.3687

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.7251, 0.4008, 0.4284 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, 168, 92)` looks like.

```
.text, #text, p{  
    color:rgb(190, 168, 92)  
}
```

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, 168, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 168, 92) }
```

Border

The CSS property to change the border of an element to Yxy 39.7251, 0.4008, 0.4284 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, 168, 92) }
```

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

```
.border{ border-color:rgb(190, 168, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 168, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 168, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 168, 92);  
box-shadow:4px 4px 4px 4px rgb(190, 168,  
92) }
```


Background

The CSS property to change the background color of an element to Yxy 39.7251, 0.4008, 0.4284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 168, 92) }
```

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

```
.background{ background-color: rgb(190,  
168, 92) }
```

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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