

Converting Colors

$Yxy(39.7823, 0.3783, 0.3962)$

Have a look what the booklet for
Yxy(39.7823, 0.3783, 0.3962)
contains.

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Color

Yxy(39.7406, 0.3792, 0.3964)

Conversions

Conversions Part 1

Format	Color
Hex	BDA775
RGB	189, 167, 117
RGB Percent	74%, 65%, 46%
CMY	0.2588, 0.3451, 0.5412
CMYK	0.00, 0.12, 0.38, 0.26
HSL	42°, 35%, 60%
HSV	42°, 38%, 74%
XYZ	38.0162, 39.7406, 22.4969
YIQ	167.8780, 29.1620, -10.8860

Conversions

Conversions Part 2

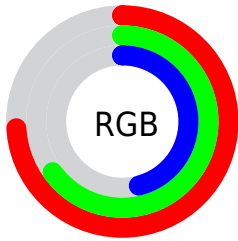
Format	Color
RYB	149, 189, 117
Decimal	12429173
CIELab	69.28, 0.79, 28.81
CIELCh	69, 28.816, 88.429
Yxy	39.7406, 0.3792, 0.3964
Android (android.graphics.Color)	4290619253 (0xFFBDA775)
YUV	167.8780, -25.0829, 18.5240
Hunter-Lab	63.0401, -2.6762, 22.9695

Details

The Yxy color **39.7406, 0.3792, 0.3964** is a light color, and the websafe version is hex **999966**. A complement of this color would be **25.9216, 0.2489, 0.2505**, and the grayscale version is **39.2106, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.7377, 0.3664, 0.3836**, and **17.7472, 0.3978, 0.4151** is the 20% darker color. If you saturate the color by 10%, you get **37.2729, 0.3992, 0.4135**, and if you desaturate by 10%, it is **42.3962, 0.3599, 0.3784**.

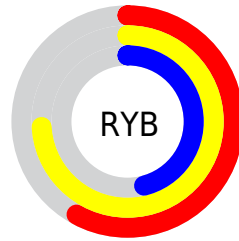
Distribution



Red (74%)

Green (65%)

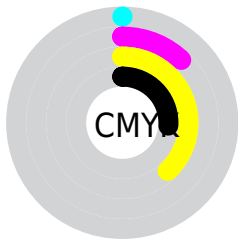
Blue (46%)



Red (58%)

Yellow (74%)

Blue (46%)

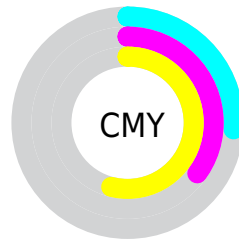


Cyan (0%)

Magenta (12%)

Yellow (38%)

Black (26%)



Cyan (26%)


Magenta (35%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.7406, 0.3792, 0.3964 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 39.7406, 0.3792, 0.3964 by changing the saturation by 10% instead.

 39.7406, 0.3792,
0.3964


 39.7406, 0.3792,
0.3964


345.0290, 0.3455,
0.3624


 27.3364, 0.3876,
0.4048


 74.7683, 0.3669,
0.3841

 17.8260, 0.3982,
0.4154


 98.1606, 0.3623,
0.3794

 10.8251, 0.4120,
0.4292


 125.9844, 0.3584,
0.3755

 5.9494, 0.4303,
0.4473

158.6240, 0.3551,
0.3721

 2.8143, 0.4651,
0.4818

196.4639, 0.3522,
0.3692

 1.0356, 0.4927,
0.5073

239.8884, 0.3497,

 0.0000, 0.0000,

0.3666

0.0000

289.2820, 0.3475,
0.3644

■ 39.7406, 0.3792,
0.3964

■ 39.7406, 0.3792,
0.3964

■ 37.2729, 0.3992,
0.4135

■ 42.3962, 0.3599,
0.3784

■ 34.9810, 0.4193,
0.4289

■ 45.2404, 0.3418,
0.3603

■ 32.8594, 0.4387,
0.4413

■ 48.2807, 0.3251,
0.3427

■ 30.9001, 0.4564,
0.4498

■ 51.5228, 0.3099,
0.3259

■ 29.0937, 0.4715,
0.4536

■ 54.9717, 0.2962,
0.3101

■ 27.4266, 0.4837,
0.4527

■ 58.6324, 0.2839,
0.2954

■ 27.1208, 0.4860,
0.4523

■ 62.5097, 0.2730,
0.2818

■ 65.7282, 0.2704,
0.2826

■ 68.6888, 0.2710,
0.2892

Harmonies

Analogous

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



39.7406, 0.3969, 0.3701



39.7406, 0.3792, 0.3964



39.7406, 0.3440, 0.4056

Triad

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



39.7406, 0.3792, 0.3964



39.7406, 0.2405, 0.3135



39.7406, 0.3193, 0.2767

Complementary

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



39.7406, 0.3792, 0.3964



25.9216, 0.2489, 0.2505

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.



39.7406, 0.2781, 0.2621



39.7406, 0.3792, 0.3964



39.7406, 0.2349, 0.2802

Square

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



39.7406, 0.3792, 0.3964



39.7406, 0.2643, 0.3552



39.7406, 0.2481, 0.2627



39.7406, 0.3614, 0.3032

Rectangle

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



39.7406, 0.3792, 0.3964



39.7406, 0.3159, 0.3984



39.7406, 0.2481, 0.2627



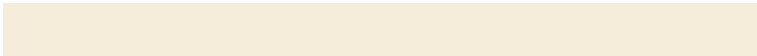
39.7406, 0.3049, 0.2703

Sweetspot

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



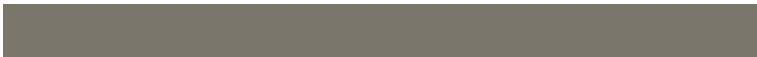
39.7424, 0.3792, 0.3964



84.7531, 0.3301, 0.3481



25.4299, 0.3753, 0.2976



18.0661, 0.3324, 0.3504



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.



39.7424, 0.3792, 0.3964



67.3364, 0.3965, 0.4113



46.8874, 0.3571, 0.4264



10.6151, 0.3272, 0.3449



18.3872, 0.4849, 0.4532



0.8307, 0.4657, 0.4684

Inverse Universe

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



25.9216, 0.2489, 0.2505



38.9912, 0.2332, 0.2288



21.1592, 0.2559, 0.2184



9.6880, 0.2984, 0.3126



4.6109, 0.1620, 0.1030



0.2998, 0.1760, 0.1536

Previews

White Background



This preview shows how the Yxy color 39.7406, 0.3792, 0.3964 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 39.7406, 0.3792, 0.3964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

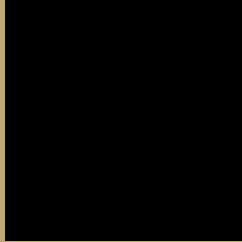
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.7406, 0.3792, 0.3964

Background



This preview shows how black text looks on a background with the Yxy color 39.7406, 0.3792, 0.3964.



This preview shows how white text looks on a background with the Yxy color 39.7406, 0.3792, 0.3964.

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

39.7406, 0.3792, 0.3964

Protanopia

39.7512, 0.3713, 0.3991

Deuteranopia

39.7052, 0.3940, 0.3858



Tritanopia

39.7223, 0.3356, 0.3135

Trichromacy



Original Color

39.7406, 0.3792, 0.3964

Protanomaly

39.6276, 0.3738, 0.3973

Deuteranomaly

39.7292, 0.3879, 0.3894

Tritanomaly

39.7988, 0.3520, 0.3437

Monochromacy



Original Color

39.7406, 0.3792, 0.3964

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.4053, 0.3369, 0.3556

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.7406, 0.3792, 0.3964 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(189, 167, 117)` looks like.

```
.text, #text, p{  
    color:rgb(189, 167, 117)  
}
```

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(189, 167, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 167, 117) }
```

Border

The CSS property to change the border of an element to Yxy 39.7406, 0.3792, 0.3964 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(189, 167, 117) }
```

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

```
.border{ border-color:rgb(189, 167, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 167, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 167, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 167, 117);  
box-shadow:4px 4px 4px 4px rgb(189, 167,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 39.7406, 0.3792, 0.3964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 167, 117) }
```

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

```
.background{ background-color: rgb(189,  
167, 117) }
```

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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