

Converting Colors

Yxy(39.4248, 0.3791, 0.4112)

Have a look what the booklet for
Yxy(39.4248, 0.3791, 0.4112)
contains.

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Color

Yxy(39.5473, 0.3792, 0.4111)

Conversions

Conversions Part 1

Format	Color
Hex	B7A96D
RGB	183, 169, 109
RGB Percent	72%, 66%, 43%
CMY	0.2823, 0.3373, 0.5726
CMYK	0.00, 0.08, 0.40, 0.28
HSL	49°, 34%, 57%
HSV	49°, 40%, 72%
XYZ	36.4786, 39.5473, 20.1729
YIQ	166.3460, 27.6040, -15.6920

Conversions

Conversions Part 2

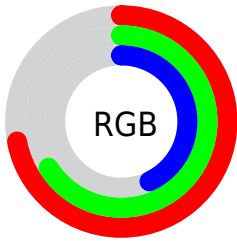
Format	Color
RYB	126, 183, 109
Decimal	12036461
CIELab	69.15, -3.65, 32.79
CIELCh	69, 32.990, 96.350
Yxy	39.5473, 0.3792, 0.4111
Android (android.graphics.Color)	4290226541 (0xFFB7A96D)
YUV	166.3460, -28.2716, 14.6056
Hunter-Lab	62.8866, -6.5094, 25.0015

Details

The Yxy color **39.5473, 0.3792, 0.4111** is a light color, and the websafe version is hex **999966**. A complement of this color would be **20.8344, 0.2425, 0.2304**, and the grayscale version is **38.4399, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.4098, 0.3674, 0.3961**, and **17.7160, 0.3979, 0.4344** is the 20% darker color. If you saturate the color by 10%, you get **37.9231, 0.3964, 0.4300**, and if you desaturate by 10%, it is **41.2913, 0.3618, 0.3909**.

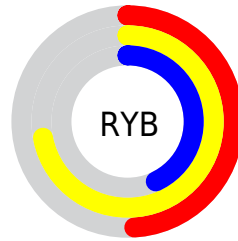
Distribution



Red (72%)

Green (66%)

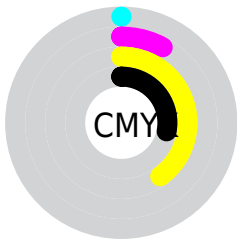
Blue (43%)



Red (49%)

Yellow (72%)

Blue (43%)

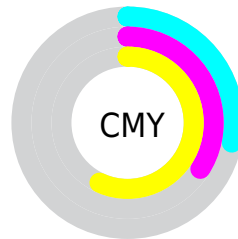


Cyan (0%)

Magenta (8%)

Yellow (40%)

Black (28%)



Cyan (28%)


Magenta (34%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.5473, 0.3792, 0.4111 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 39.5473, 0.3792, 0.4111 by changing the saturation by 10% instead.


 39.5473, 0.3792,
0.4111


 39.5473, 0.3792,
0.4111


344.2118, 0.3459,
0.3693

 27.1858, 0.3872,
0.4215


 74.4737, 0.3672,
0.3959


 17.7128, 0.3973,
0.4347


 97.8073, 0.3627,
0.3901

 10.7440, 0.4099,
0.4518


 125.5670, 0.3588,
0.3853

 5.8950, 0.4258,
0.4741

 158.1373, 0.3555,
0.3812

 2.7813, 0.4677,
0.5294

195.9026, 0.3526,
0.3776

 1.0187, 0.4617,
0.5383

239.2471, 0.3501,

 0.0000, 0.0000,

0.3745

0.0000

288.5554, 0.3479,
0.3717

■ 39.5473, 0.3792,
0.4111

■ 39.5473, 0.3792,
0.4111

■ 37.9231, 0.3964,
0.4300

■ 41.2913, 0.3618,
0.3909

■ 36.4080, 0.4128,
0.4467

■ 43.1547, 0.3448,
0.3701

■ 34.9977, 0.4276,
0.4601

■ 45.1439, 0.3286,
0.3497

■ 33.6854, 0.4402,
0.4694

■ 47.2631, 0.3134,
0.3299

■ 32.4633, 0.4500,
0.4741

■ 49.5164, 0.2994,
0.3111

■ 31.3655, 0.4572,
0.4752

■ 51.9076, 0.2865,
0.2936

■ 54.4405, 0.2749,
0.2774

■ 57.0932, 0.2647,
0.2629

■ 58.6817, 0.2651,
0.2669

Harmonies

Analogous

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



39.5473, 0.4062, 0.3843



39.5473, 0.3792, 0.4111



39.5473, 0.3354, 0.4159

Triad

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



39.5473, 0.3792, 0.4111



39.5473, 0.2269, 0.2991



39.5473, 0.3333, 0.2766

Complementary

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



39.5473, 0.3792, 0.4111



20.8344, 0.2425, 0.2304

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.



39.5473, 0.2845, 0.2561



39.5473, 0.3792, 0.4111



39.5473, 0.2264, 0.2659

Square

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



39.5473, 0.3792, 0.4111



39.5473, 0.2484, 0.3460



39.5473, 0.2465, 0.2517



39.5473, 0.3794, 0.3088

Rectangle

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



39.5473, 0.3792, 0.4111



39.5473, 0.3031, 0.4027



39.5473, 0.2465, 0.2517



39.5473, 0.3165, 0.2682

Sweetspot

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



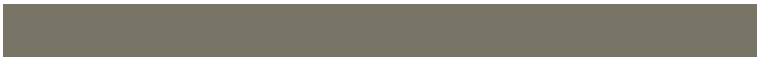
39.5491, 0.3792, 0.4111



80.1984, 0.3313, 0.3532



22.4523, 0.3926, 0.3080



17.6097, 0.3334, 0.3558



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.



39.5491, 0.3792, 0.4111



68.0882, 0.3953, 0.4289



42.5339, 0.3515, 0.4351



10.2065, 0.3268, 0.3474



21.9715, 0.4567, 0.4756



0.8501, 0.4454, 0.4845

Inverse Universe

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



20.8344, 0.2425, 0.2304



29.8124, 0.2244, 0.2027



19.1933, 0.2604, 0.2135



8.9873, 0.2984, 0.3099



3.2858, 0.1555, 0.0797



0.1993, 0.1681, 0.1251

Previews

White Background



This preview shows how the Yxy color 39.5473, 0.3792, 0.4111 looks on a white background.

Color Contrast Check

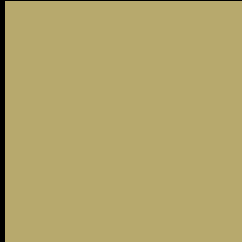
Large Text (above 18pt) WCAG AA × Fail

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 39.5473, 0.3792, 0.4111 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 39.5473, 0.3792, 0.4111

Background



This preview shows how black text looks on a background with the Yxy color 39.5473, 0.3792, 0.4111.



This preview shows how white text looks on a background with the Yxy color 39.5473, 0.3792, 0.4111.

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

39.5473, 0.3792, 0.4111

Protanopia

39.6704, 0.3802, 0.4108

Deuteranopia

39.3339, 0.4021, 0.3930



Tritanopia

39.4929, 0.3288, 0.3120

Trichromacy



Original Color

39.5473, 0.3792, 0.4111

Protanomaly

39.6704, 0.3802, 0.4108

Deuteranomaly

39.4125, 0.3942, 0.3998

Tritanomaly

39.3177, 0.3477, 0.3481

Monochromacy



Original Color

39.5473, 0.3792, 0.4111

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

38.4524, 0.3368, 0.3603

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.5473, 0.3792, 0.4111 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(183, 169, 109)` looks like.

```
.text, #text, p{  
    color:rgb(183, 169, 109)  
}
```

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(183, 169, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 169, 109) }
```

Border

The CSS property to change the border of an element to Yxy 39.5473, 0.3792, 0.4111 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(183, 169, 109) }
```

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

```
.border{ border-color:rgb(183, 169, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 169, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 169, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 169, 109);  
box-shadow:4px 4px 4px 4px rgb(183, 169,  
109) }
```


Background

The CSS property to change the background color of an element to Yxy 39.5473, 0.3792, 0.4111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 169, 109) }
```

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

```
.background{ background-color: rgb(183,  
169, 109) }
```

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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