

Converting Colors

Yxy(39.7462, 0.3688, 0.3720)

Have a look what the booklet for
Yxy(39.7462, 0.3688, 0.3720)
contains.

Yxy(39.8102, 0.3684, 0.3719)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.8102, 0.3684, 0.3719)

Conversions

Conversions Part 1

Format	Color
Hex	C0A585
RGB	192, 165, 133
RGB Percent	75%, 65%, 52%
CMY	0.2469, 0.3530, 0.4784
CMYK	0.00, 0.14, 0.31, 0.25
HSL	33°, 32%, 64%
HSV	33°, 31%, 75%
XYZ	39.4355, 39.8102, 27.7997
YIQ	169.4250, 26.3640, -4.2280

Conversions

Conversions Part 2

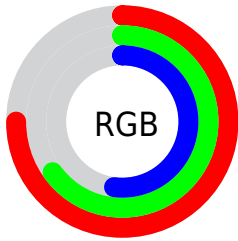
Format	Color
RYB	183, 192, 133
Decimal	12625285
CIELab	69.33, 5.10, 20.25
CIELCh	69, 20.882, 75.852
Yxy	39.8102, 0.3684, 0.3719
Android (android.graphics.Color)	4290815365 (0xFFC0A585)
YUV	169.4250, -17.9575, 19.7983
Hunter-Lab	63.0953, 1.1484, 18.0436

Details

The Yxy color **39.8102, 0.3684, 0.3719** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **33.9595, 0.2637, 0.2818**, and the grayscale version is **39.9818, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.8713, 0.3579, 0.3645**, and **17.8381, 0.3863, 0.3839** is the 20% darker color. If you saturate the color by 10%, you get **36.2625, 0.3909, 0.3862**, and if you desaturate by 10%, it is **43.6772, 0.3480, 0.3574**.

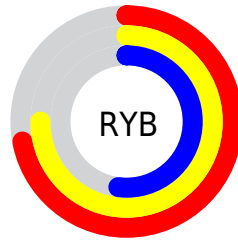
Distribution



Red (75%)

Green (65%)

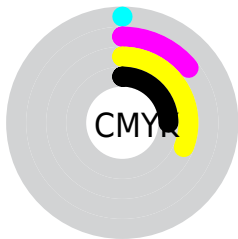
Blue (52%)



Red (72%)

Yellow (75%)

Blue (52%)

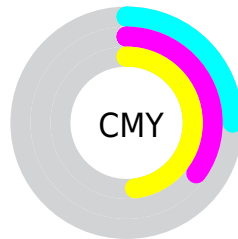


Cyan (0%)

Magenta (14%)

Yellow (31%)

Black (25%)



Cyan (25%)


Magenta (35%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.8102, 0.3684, 0.3719 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 39.8102, 0.3684, 0.3719 by changing the saturation by 10% instead.


 39.8102, 0.3684,
0.3719


 39.8102, 0.3684,
0.3719


345.3229, 0.3398,
0.3504


 27.3906, 0.3757,
0.3772


 74.8744, 0.3579,
0.3641

 17.8668, 0.3852,
0.3840


 98.2878, 0.3539,
0.3611

 10.8544, 0.3979,
0.3929


 126.1346, 0.3506,
0.3587

 5.9690, 0.4158,
0.4049

158.7991, 0.3478,
0.3565

 2.8262, 0.4422,
0.4214

196.6658, 0.3454,
0.3547

 1.0417, 0.5215,
0.4785

240.1191, 0.3433,

 0.0000, 1.0000,

0.3531

0.0000

289.5433, 0.3414,
0.3516

0.0000, 0.0000,
0.0000

39.8102, 0.3684,
0.3719

39.8102, 0.3684,
0.3719

36.2625, 0.3909,
0.3862

43.6772, 0.3480,
0.3574

33.0188, 0.4151,
0.3997

47.8670, 0.3299,
0.3434

30.0708, 0.4405,
0.4113

52.3902, 0.3138,
0.3300

27.4072, 0.4660,
0.4198

57.2551, 0.2997,
0.3174

25.0160, 0.4902,
0.4241

62.4696, 0.2873,
0.3058

■ 22.8833, 0.5117,
0.4232

■ 68.0414, 0.2765,
0.2951

■ 21.1186, 0.5289,
0.4183

■ 73.1504, 0.2736,
0.2980

■ 78.0775, 0.2744,
0.3077

■ 83.2541, 0.2753,
0.3174

Harmonies

Analogous

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



39.8102, 0.3738, 0.3501



39.8102, 0.3684, 0.3719



39.8102, 0.3478, 0.3835

Triad

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



39.8102, 0.3684, 0.3719



39.8102, 0.2656, 0.3307



39.8102, 0.3047, 0.2844

Complementary

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



39.8102, 0.3684, 0.3719



33.9595, 0.2637, 0.2818

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.



39.8102, 0.2770, 0.2783



39.8102, 0.3684, 0.3719



39.8102, 0.2553, 0.3032

Square

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



39.8102, 0.3684, 0.3719



39.8102, 0.2883, 0.3595



39.8102, 0.2593, 0.2845



39.8102, 0.3360, 0.3010

Rectangle

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



39.8102, 0.3684, 0.3719



39.8102, 0.3286, 0.3826



39.8102, 0.2593, 0.2845



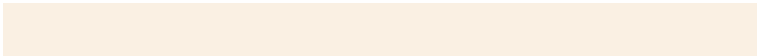
39.8102, 0.2947, 0.2811

Sweetspot

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



39.8120, 0.3684, 0.3719



87.9546, 0.3272, 0.3412



30.5480, 0.3494, 0.2921



18.6191, 0.3297, 0.3432



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.



39.8120, 0.3684, 0.3719



67.6349, 0.3836, 0.3818



50.3685, 0.3568, 0.4052



10.9615, 0.3276, 0.3415



14.3611, 0.5271, 0.4197



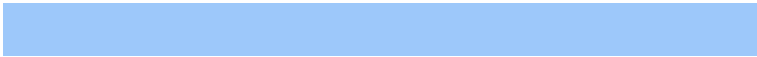
0.7570, 0.4968, 0.4437

Inverse Universe

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



33.9595, 0.2637, 0.2818



55.3298, 0.2523, 0.2693



25.7351, 0.2607, 0.2405



10.4915, 0.2984, 0.3162



7.4086, 0.1739, 0.1460



0.4578, 0.1858, 0.1890

Previews

White Background



This preview shows how the Yxy color 39.8102, 0.3684, 0.3719 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 39.8102, 0.3684, 0.3719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

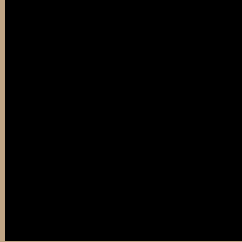
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.8102, 0.3684, 0.3719

Background



This preview shows how black text looks on a background with the Yxy color 39.8102, 0.3684, 0.3719.



This preview shows how white text looks on a background with the Yxy color 39.8102, 0.3684, 0.3719.

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

39.8102, 0.3684, 0.3719

Protanopia

39.8285, 0.3532, 0.3763

Deuteranopia

39.8936, 0.3752, 0.3685



Tritanopia

39.8559, 0.3366, 0.3136

Trichromacy



Original Color

39.8102, 0.3684, 0.3719

Protanomaly

39.9168, 0.3584, 0.3757

Deuteranomaly

39.9801, 0.3728, 0.3701

Tritanomaly

39.9114, 0.3485, 0.3344

Monochromacy



Original Color

39.8102, 0.3684, 0.3719

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.7527, 0.3316, 0.3457

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.8102, 0.3684, 0.3719 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(192, 165, 133)` looks like.

```
.text, #text, p{  
    color:rgb(192, 165, 133)  
}
```

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(192, 165, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 165, 133) }
```

Border

The CSS property to change the border of an element to Yxy 39.8102, 0.3684, 0.3719 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(192, 165, 133) }
```

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

```
.border{ border-color:rgb(192, 165, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 165, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 165, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 165, 133);  
box-shadow:4px 4px 4px 4px rgb(192, 165,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 39.8102, 0.3684, 0.3719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 165, 133) }
```

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

```
.background{ background-color: rgb(192,  
165, 133) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor