

Converting Colors

$Yxy(37.4119, 0.3870, 0.3798)$

Have a look what the booklet for
Yxy(37.4119, 0.3870, 0.3798)
contains.

Yxy(37.4119, 0.3870, 0.3798)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(37.4119, 0.3870, 0.3798)

Conversions

Conversions Part 1

Format	Color
Hex	C39E78
RGB	195, 158, 120
RGB Percent	76%, 62%, 47%
CMY	0.2353, 0.3804, 0.5295
CMYK	0.00, 0.19, 0.38, 0.24
HSL	30°, 38%, 62%
HSV	30°, 38%, 76%
XYZ	38.1211, 37.4119, 22.9712
YIQ	164.7310, 34.2500, -3.9740

Conversions

Conversions Part 2

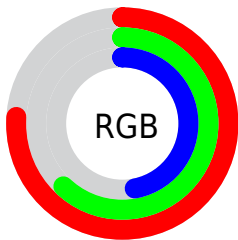
Format	Color
RYB	193, 195, 120
Decimal	12820088
CIELab	67.58, 8.45, 25.05
CIElCh	68, 26.438, 71.352
Yxy	37.4119, 0.3870, 0.3798
Android (android.graphics.Color)	4291010168 (0xFFC39E78)
YUV	164.7310, -22.0524, 26.5459
Hunter-Lab	61.1653, 4.2105, 20.5488

Details

The Yxy color **37.4119, 0.3870, 0.3798** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **32.0321, 0.2514, 0.2716**, and the grayscale version is **37.5864, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.4883, 0.3725, 0.3706**, and **16.5458, 0.4097, 0.3939** is the 20% darker color. If you saturate the color by 10%, you get **33.8347, 0.4118, 0.3927**, and if you desaturate by 10%, it is **41.3456, 0.3643, 0.3662**.

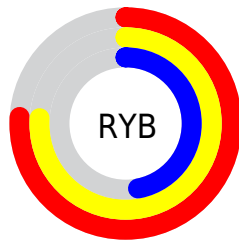
Distribution



Red (76%)

Green (62%)

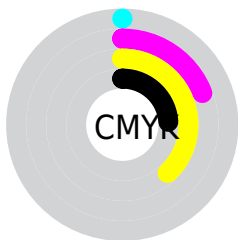
Blue (47%)



Red (76%)

Yellow (76%)

Blue (47%)

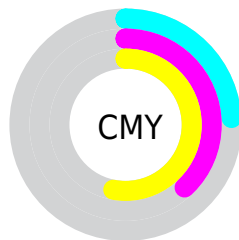


Cyan (0%)

Magenta (19%)

Yellow (38%)

Black (24%)



Cyan (24%)


Magenta (38%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.4119, 0.3870, 0.3798 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 37.4119, 0.3870, 0.3798 by changing the saturation by 10% instead.


 37.4119, 0.3870,
0.3798


 37.4119, 0.3870,
0.3798


335.0904, 0.3485,
0.3545


 25.5266, 0.3969,
0.3859


 71.2058, 0.3728,
0.3707

 16.4698, 0.4097,
0.3935


 93.8832, 0.3675,
0.3673

 9.8572, 0.4268,
0.4032


 120.9268, 0.3631,
0.3643

 5.3044, 0.4506,
0.4154

152.7208, 0.3593,
0.3618

 2.4269, 0.4945,
0.4389

189.6498, 0.3560,
0.3596

 0.8397, 0.5473,
0.4527

232.0982, 0.3532,

 0.0000, 0.0000,

0.3577

0.0000

280.4502, 0.3507,
0.3560

■ 37.4119, 0.3870,
0.3798

■ 37.4119, 0.3870,
0.3798

■ 33.8347, 0.4118,
0.3927

■ 41.3456, 0.3643,
0.3662

■ 30.5970, 0.4383,
0.4041

■ 45.6417, 0.3441,
0.3527

■ 27.6881, 0.4655,
0.4126

■ 50.3123, 0.3262,
0.3396

■ 25.0942, 0.4918,
0.4172

■ 55.3674, 0.3105,
0.3272

■ 22.8000, 0.5158,
0.4167

■ 60.8165, 0.2968,
0.3156

■ 20.7849, 0.5362,
0.4111

■ 66.6689, 0.2848,
0.3050

■ 20.4989, 0.5392,
0.4101

■ 72.8383, 0.2752,
0.2967

■ 78.1933, 0.2761,
0.3073

■ 83.8457, 0.2769,
0.3178

Harmonies

Analogous

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



37.4119, 0.3910, 0.3502



37.4119, 0.3870, 0.3798



37.4119, 0.3624, 0.3983

Triad

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



37.4119, 0.3870, 0.3798



37.4119, 0.2557, 0.3366



37.4119, 0.2962, 0.2703

Complementary

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



37.4119, 0.3870, 0.3798



32.0321, 0.2514, 0.2716

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.



37.4119, 0.2625, 0.2645



37.4119, 0.3870, 0.3798



37.4119, 0.2403, 0.2997

Square

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



37.4119, 0.3870, 0.3798



37.4119, 0.2864, 0.3740



37.4119, 0.2428, 0.2743



37.4119, 0.3366, 0.2895

Rectangle

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



37.4119, 0.3870, 0.3798



37.4119, 0.3384, 0.4002



37.4119, 0.2428, 0.2743



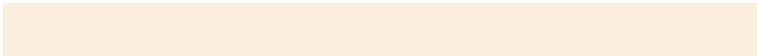
37.4119, 0.2837, 0.2668

Sweetspot

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



37.4137, 0.3870, 0.3798



86.9283, 0.3325, 0.3443



27.4786, 0.3593, 0.2793



18.7909, 0.3349, 0.3461



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



37.4137, 0.3870, 0.3798



61.6842, 0.4073, 0.3905



51.9875, 0.3698, 0.4234



10.9030, 0.3277, 0.3407



13.4918, 0.5371, 0.4117



0.7207, 0.5041, 0.4380

Inverse Universe

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



32.0321, 0.2514, 0.2716



50.7139, 0.2382, 0.2567



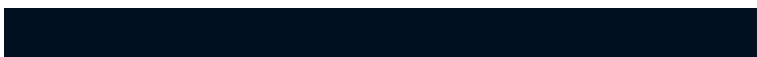
21.3567, 0.2427, 0.2133



10.5497, 0.2984, 0.3170



8.1826, 0.1770, 0.1572



0.4915, 0.1884, 0.1983

Previews

White Background



This preview shows how the Yxy color 37.4119, 0.3870, 0.3798 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 37.4119, 0.3870, 0.3798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

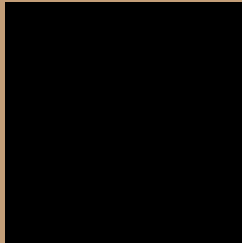
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.4119, 0.3870, 0.3798

Background



This preview shows how black text looks on a background with the Yxy color 37.4119, 0.3870, 0.3798.



This preview shows how white text looks on a background with the Yxy color 37.4119, 0.3870, 0.3798.

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

37.4119, 0.3870, 0.3798

Protanopia

37.6874, 0.3625, 0.3885

Deuteranopia

37.4119, 0.3870, 0.3798



Tritanopia

37.2789, 0.3489, 0.3136

Trichromacy



Original Color

37.4119, 0.3870, 0.3798

Protanomaly

37.4361, 0.3718, 0.3845

Deuteranomaly

37.4119, 0.3870, 0.3798

Tritanomaly

37.2551, 0.3636, 0.3370

Monochromacy



Original Color

37.4119, 0.3870, 0.3798

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.2407, 0.3381, 0.3474

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.4119, 0.3870, 0.3798 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(195, 158, 120)` looks like.

```
.text, #text, p{  
    color:rgb(195, 158, 120)  
}
```

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(195, 158, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 158, 120) }
```

Border

The CSS property to change the border of an element to Yxy 37.4119, 0.3870, 0.3798 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(195, 158, 120) }
```

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

```
.border{ border-color:rgb(195, 158, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 158, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 158, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 158, 120);  
box-shadow:4px 4px 4px 4px rgb(195, 158,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 37.4119, 0.3870, 0.3798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 158, 120) }
```

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

```
.background{ background-color: rgb(195,  
158, 120) }
```

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