

Converting Colors

$Yxy(37.6501, 0.3996, 0.3921)$

Have a look what the booklet for
Yxy(37.6501, 0.3996, 0.3921)
contains.

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Color

Yxy(37.5853, 0.3997, 0.3919)

Conversions

Conversions Part 1

Format	Color
Hex	C69E6E
RGB	198, 158, 110
RGB Percent	78%, 62%, 43%
CMY	0.2235, 0.3804, 0.5686
CMYK	0.00, 0.20, 0.44, 0.22
HSL	33°, 44%, 60%
HSV	33°, 44%, 78%
XYZ	38.3334, 37.5853, 19.9867
YIQ	164.4880, 39.2480, -6.4480

Conversions

Conversions Part 2

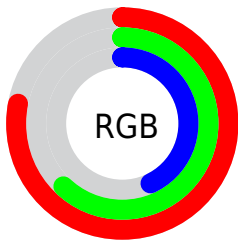
Format	Color
RYB	183, 198, 110
Decimal	13016686
CIELab	67.71, 8.58, 30.67
CIELCh	68, 31.848, 74.370
Yxy	37.5853, 0.3997, 0.3919
Android (android.graphics.Color)	4291206766 (0xFFC69E6E)
YUV	164.4880, -26.8626, 29.3900
Hunter-Lab	61.3069, 4.3238, 23.5856

Details

The Yxy color **37.5853, 0.3997, 0.3919** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **29.2127, 0.2408, 0.2554**, and the grayscale version is **37.4874, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.4571, 0.3822, 0.3817**, and **16.6031, 0.4253, 0.4093** is the 20% darker color. If you saturate the color by 10%, you get **34.2430, 0.4244, 0.4049**, and if you desaturate by 10%, it is **41.2526, 0.3765, 0.3777**.

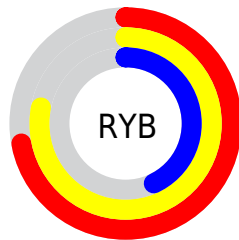
Distribution



Red (78%)

Green (62%)

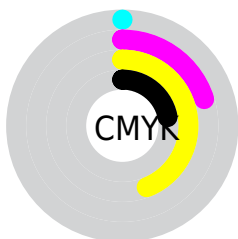
Blue (43%)



Red (72%)

Yellow (78%)

Blue (43%)

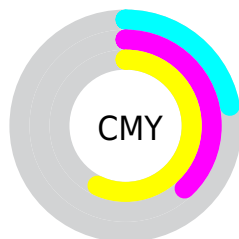


Cyan (0%)

Magenta (20%)

Yellow (44%)

Black (22%)



Cyan (22%)


Magenta (38%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.5853, 0.3997, 0.3919 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 37.5853, 0.3997, 0.3919 by changing the saturation by 10% instead.


 37.5853, 0.3997,
0.3919


 37.5853, 0.3997,
0.3919


335.8377, 0.3549,
0.3609

 25.6610, 0.4110,
0.3992


 71.4721, 0.3833,
0.3809


 16.5702, 0.4254,
0.4081


 94.2033, 0.3771,
0.3767

 9.9285, 0.4443,
0.4191


 121.3056, 0.3720,
0.3731

 5.3516, 0.4696,
0.4323

 153.1635, 0.3676,
0.3699

 2.4550, 0.5303,
0.4697

190.1612, 0.3638,
0.3672

 0.8540, 0.5477,
0.4523

232.6832, 0.3604,

 0.0000, 0.0000,

0.3649

0.0000

281.1139, 0.3575,
0.3628

■ 37.5853, 0.3997,
0.3919

■ 37.5853, 0.3997,
0.3919

■ 34.2430, 0.4244,
0.4049

■ 41.2526, 0.3765,
0.3777

■ 31.2090, 0.4499,
0.4156

■ 45.2501, 0.3554,
0.3631

■ 28.4729, 0.4750,
0.4227

■ 49.5895, 0.3364,
0.3487

■ 26.0212, 0.4982,
0.4251

■ 54.2803, 0.3196,
0.3349

■ 23.8383, 0.5181,
0.4221

■ 59.3313, 0.3047,
0.3219

■ 22.7293, 0.5281,
0.4189

■ 64.7512, 0.2917,
0.3098

■ 70.5483, 0.2803,
0.2987

■ 75.8361, 0.2774,
0.3021

■ 80.9782, 0.2782,
0.3119

Harmonies

Analogous

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



37.5853, 0.4078, 0.3571



37.5853, 0.3997, 0.3919



37.5853, 0.3677, 0.4135

Triad

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



37.5853, 0.3997, 0.3919



37.5853, 0.2419, 0.3328



37.5853, 0.2972, 0.2613

Complementary

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



37.5853, 0.3997, 0.3919



29.2127, 0.2408, 0.2554

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.



37.5853, 0.2561, 0.2524



37.5853, 0.3997, 0.3919



37.5853, 0.2262, 0.2893

Square

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



37.5853, 0.3997, 0.3919



37.5853, 0.2764, 0.3796



37.5853, 0.2312, 0.2614



37.5853, 0.3460, 0.2850

Rectangle

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



37.5853, 0.3997, 0.3919



37.5853, 0.3382, 0.4148



37.5853, 0.2312, 0.2614



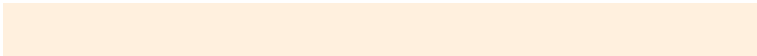
37.5853, 0.2821, 0.2565

Sweetspot

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



37.5871, 0.3997, 0.3919



88.8033, 0.3342, 0.3469



25.3974, 0.3735, 0.2753



18.6240, 0.3382, 0.3501



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.



37.5871, 0.3997, 0.3919



60.9959, 0.4228, 0.4041



53.1346, 0.3755, 0.4381



11.5793, 0.3276, 0.3416



14.9518, 0.5262, 0.4204



0.8514, 0.4981, 0.4427

Inverse Universe

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



29.2127, 0.2408, 0.2554



44.3723, 0.2257, 0.2364



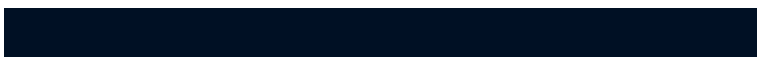
18.7371, 0.2323, 0.1928



11.0686, 0.2983, 0.3161



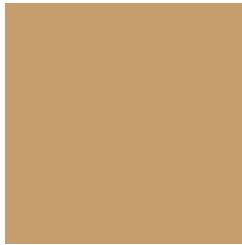
7.5764, 0.1735, 0.1446



0.5030, 0.1847, 0.1848

Previews

White Background



This preview shows how the Yxy color 37.5853, 0.3997, 0.3919 looks on a white background.

Color Contrast Check

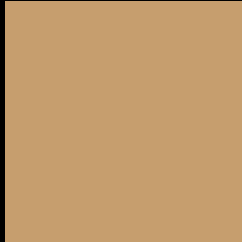
Large Text (above 18pt) WCAG AA × Fail

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 37.5853, 0.3997, 0.3919 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 37.5853, 0.3997, 0.3919

Background



This preview shows how black text looks on a background with the Yxy color 37.5853, 0.3997, 0.3919.



This preview shows how white text looks on a background with the Yxy color 37.5853, 0.3997, 0.3919.

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

37.5853, 0.3997, 0.3919

Protanopia

37.6862, 0.3736, 0.4019

Deuteranopia

37.5853, 0.3997, 0.3919



Tritanopia

37.4741, 0.3542, 0.3138

Trichromacy



Original Color

37.5853, 0.3997, 0.3919

Protanomaly

37.4496, 0.3832, 0.3976

Deuteranomaly

37.5853, 0.3997, 0.3919

Tritanomaly

37.5423, 0.3708, 0.3422

Monochromacy



Original Color

37.5853, 0.3997, 0.3919

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

37.0844, 0.3428, 0.3545

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.5853, 0.3997, 0.3919 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(198, 158, 110)` looks like.

```
.text, #text, p{  
    color:rgb(198, 158, 110)  
}
```

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(198, 158, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 158, 110) }
```

Border

The CSS property to change the border of an element to Yxy 37.5853, 0.3997, 0.3919 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(198, 158, 110) }
```

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

```
.border{ border-color:rgb(198, 158, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 158, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 158, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 158, 110);  
box-shadow:4px 4px 4px 4px rgb(198, 158,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 37.5853, 0.3997, 0.3919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 158, 110) }
```

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

```
.background{ background-color: rgb(198,  
158, 110) }
```

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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