

Converting Colors

$Yxy(38.0491, 0.3822, 0.3698)$

Have a look what the booklet for
Yxy(38.0491, 0.3822, 0.3698)
contains.

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Color

Yxy(37.9918, 0.3832, 0.3700)

Conversions

Conversions Part 1

Format	Color
Hex	C69E7F
RGB	198, 158, 127
RGB Percent	78%, 62%, 50%
CMY	0.2235, 0.3804, 0.5019
CMYK	0.00, 0.20, 0.36, 0.22
HSL	26°, 38%, 64%
HSV	26°, 36%, 78%
XYZ	39.3472, 37.9918, 25.3416
YIQ	166.4260, 33.7910, -1.1610

Conversions

Conversions Part 2

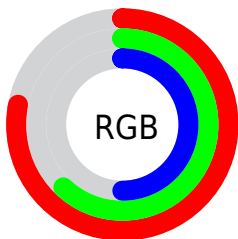
Format	Color
RYB	198, 182, 127
Decimal	13016703
CIELab	68.01, 10.51, 21.83
CIELCh	68, 24.229, 64.284
Yxy	37.9918, 0.3832, 0.3700
Android (android.graphics.Color)	4291206783 (0xFFC69E7F)
YUV	166.4260, -19.4370, 27.6904
Hunter-Lab	61.6375, 6.0825, 18.7698

Details

The Yxy color **37.9918, 0.3832, 0.3700** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **36.2312, 0.2566, 0.2837**, and the grayscale version is **38.4353, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.1438, 0.3688, 0.3632**, and **16.9051, 0.4046, 0.3808** is the 20% darker color. If you saturate the color by 10%, you get **33.8921, 0.4093, 0.3815**, and if you desaturate by 10%, it is **42.5421, 0.3600, 0.3581**.

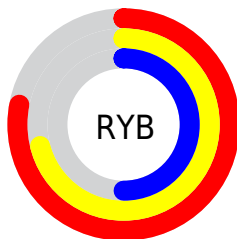
Distribution



Red (78%)

Green (62%)

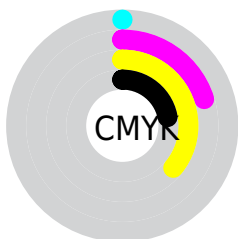
Blue (50%)



Red (78%)

Yellow (71%)

Blue (50%)

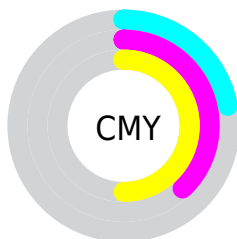


Cyan (0%)

Magenta (20%)

Yellow (36%)

Black (22%)



Cyan (22%)


Magenta (38%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.9918, 0.3832, 0.3700 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 37.9918, 0.3832, 0.3700 by changing the saturation by 10% instead.


 37.9918, 0.3832,
0.3700


 37.9918, 0.3832,
0.3700


337.5848, 0.3466,
0.3498


 25.9763, 0.3927,
0.3748


 72.0956, 0.3696,
0.3628

 16.8059, 0.4050,
0.3809


 94.9527, 0.3646,
0.3600

 10.0962, 0.4216,
0.3885


 122.1924, 0.3604,
0.3577

 5.4628, 0.4450,
0.3983

154.1992, 0.3568,
0.3556

 2.5213, 0.4823,
0.4122

191.3574, 0.3537,
0.3539

 0.8873, 0.5596,
0.4404

234.0515, 0.3511,

 0.0000, 1.0000,

0.3523

0.0000

282.6658, 0.3487,
0.3510

0.0000, 0.0000,
0.0000

37.9918, 0.3832,
0.3700

37.9918, 0.3832,
0.3700

33.8921, 0.4093,
0.3815

42.5421, 0.3600,
0.3581

30.2224, 0.4378,
0.3916

47.5518, 0.3396,
0.3464

26.9685, 0.4680,
0.3995


53.0365, 0.3219,
0.3352


24.1130, 0.4983,
0.4036

59.0089, 0.3067,
0.3247

21.6366, 0.5265,
0.4030

65.4815, 0.2935,
0.3150

 19.5177, 0.5507,
0.3969

 72.4663, 0.2821,
0.3061

 18.7322, 0.5600,
0.3936

 79.2722, 0.2779,
0.3087

 85.9018, 0.2788,
0.3207

 90.7460, 0.2794,
0.3289

Harmonies

Analogous

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



37.9918, 0.3817, 0.3417



37.9918, 0.3832, 0.3700



37.9918, 0.3649, 0.3897

Triad

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



37.9918, 0.3832, 0.3700



37.9918, 0.2662, 0.3445



37.9918, 0.2896, 0.2727

Complementary

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



37.9918, 0.3832, 0.3700



36.2312, 0.2566, 0.2837

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.



37.9918, 0.2612, 0.2707



37.9918, 0.3832, 0.3700



37.9918, 0.2483, 0.3098

Square

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



37.9918, 0.3832, 0.3700



37.9918, 0.2968, 0.3763



37.9918, 0.2465, 0.2834



37.9918, 0.3259, 0.2876

Rectangle

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



37.9918, 0.3832, 0.3700



37.9918, 0.3446, 0.3942



37.9918, 0.2465, 0.2834



37.9918, 0.2788, 0.2704

Sweetspot

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



37.9936, 0.3832, 0.3700



88.6510, 0.3310, 0.3411



29.9867, 0.3496, 0.2768



18.6914, 0.3335, 0.3427



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.



37.9936, 0.3832, 0.3700



61.5523, 0.4033, 0.3790



51.7976, 0.3680, 0.4121



11.3860, 0.3279, 0.3391



12.3457, 0.5577, 0.3954



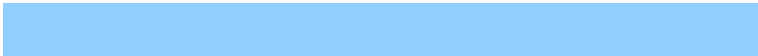
0.7281, 0.5218, 0.4239

Inverse Universe

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



36.2312, 0.2566, 0.2837



57.9604, 0.2446, 0.2719



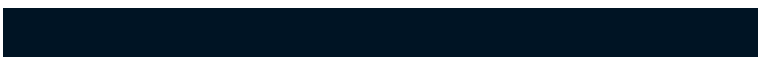
25.0235, 0.2492, 0.2295



11.2624, 0.2983, 0.3187



10.2975, 0.1836, 0.1809



0.6299, 0.1930, 0.2148

Previews

White Background



This preview shows how the Yxy color 37.9918, 0.3832, 0.3700 looks on a white background.

Color Contrast Check

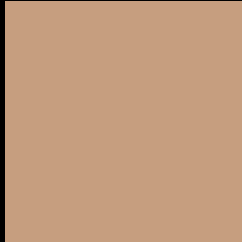
Large Text (above 18pt) WCAG AA × Fail

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 37.9918, 0.3832, 0.3700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

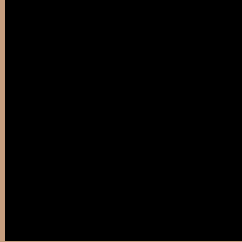
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.9918, 0.3832, 0.3700

Background



This preview shows how black text looks on a background with the Yxy color 37.9918, 0.3832, 0.3700.



This preview shows how white text looks on a background with the Yxy color 37.9918, 0.3832, 0.3700.

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

37.9918, 0.3832, 0.3700

Protanopia

38.2582, 0.3548, 0.3785

Deuteranopia

37.9307, 0.3797, 0.3718



Tritanopia

38.0556, 0.3507, 0.3137

Trichromacy



Original Color

37.9918, 0.3832, 0.3700

Protanomaly

38.1204, 0.3649, 0.3746

Deuteranomaly

38.0643, 0.3807, 0.3716

Tritanomaly

38.0946, 0.3633, 0.3343

Monochromacy



Original Color

37.9918, 0.3832, 0.3700

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.9264, 0.3371, 0.3444

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.9918, 0.3832, 0.3700 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, 127)` looks like.

```
.text, #text, p{  
    color:rgb(198, 158, 127)  
}
```

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, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 158, 127) }
```

Border

The CSS property to change the border of an element to Yxy 37.9918, 0.3832, 0.3700 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, 127) }
```

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

```
.border{ border-color:rgb(198, 158, 127) }
```

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, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 158, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 158, 127);  
box-shadow:4px 4px 4px 4px rgb(198, 158,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 37.9918, 0.3832, 0.3700 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, 127) }
```

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

```
.background{ background-color: rgb(198,  
158, 127) }
```

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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