

Converting Colors

$Yxy(38.4907, 0.3867, 0.3760)$

Have a look what the booklet for
Yxy(38.4907, 0.3867, 0.3760)
contains.

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Color

Yxy(38.3936, 0.3867, 0.3750)

Conversions

Conversions Part 1

Format	Color
Hex	C79F7C
RGB	199, 159, 124
RGB Percent	78%, 62%, 49%
CMY	0.2196, 0.3765, 0.5137
CMYK	0.00, 0.20, 0.38, 0.22
HSL	28°, 40%, 63%
HSV	28°, 38%, 78%
XYZ	39.5915, 38.3936, 24.3979
YIQ	166.9700, 35.0750, -2.4050

Conversions

Conversions Part 2

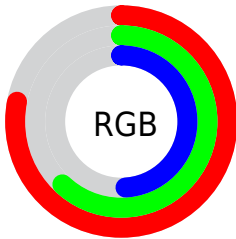
Format	Color
RYB	199, 190, 124
Decimal	13082492
CIELab	68.31, 10.01, 23.88
CIELCh	68, 25.898, 67.260
Yxy	38.3936, 0.3867, 0.3750
Android (android.graphics.Color)	4291272572 (0xFFC79F7C)
YUV	166.9700, -21.1842, 28.0903
Hunter-Lab	61.9626, 5.6195, 20.0283

Details

The Yxy color **38.3936, 0.3867, 0.3750** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **34.9690, 0.2532, 0.2776**, and the grayscale version is **38.7222, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.5275, 0.3708, 0.3673**, and **17.1624, 0.4093, 0.3873** is the 20% darker color. If you saturate the color by 10%, you get **34.4456, 0.4125, 0.3870**, and if you desaturate by 10%, it is **42.7605, 0.3635, 0.3624**.

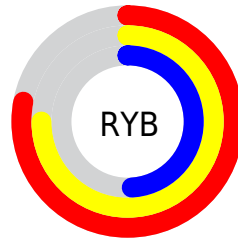
Distribution



Red (78%)

Green (62%)

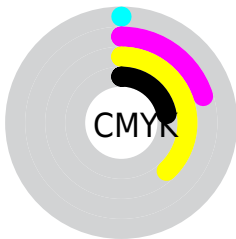
Blue (49%)



Red (78%)

Yellow (75%)

Blue (49%)

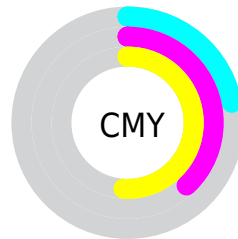


Cyan (0%)

Magenta (20%)

Yellow (38%)

Black (22%)



Cyan (22%)

Magenta (38%)


Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.3936, 0.3867, 0.3750 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 38.3936, 0.3867, 0.3750 by changing the saturation by 10% instead.


 38.3936, 0.3867,
0.3750


 38.3936, 0.3867,
0.3750


339.3054, 0.3484,
0.3523

 26.2883, 0.3965,
0.3804


 72.7110, 0.3726,
0.3669

 17.0395, 0.4093,
0.3871


 95.6920, 0.3673,
0.3638

 10.2626, 0.4263,
0.3956


 123.0669, 0.3629,
0.3612

 5.5734, 0.4501,
0.4063

155.2202, 0.3592,
0.3589

 2.5875, 0.4893,
0.4229

192.5363, 0.3559,
0.3570

 0.9204, 0.5555,
0.4445

235.3996, 0.3531,

 0.0000, 1.0000,

0.3552

0.0000

284.1945, 0.3506,
0.3537

0.0000, 0.0000,
0.0000

38.3936, 0.3867,
0.3750

38.3936, 0.3867,
0.3750

34.4456, 0.4125,
0.3870

42.7605, 0.3635,
0.3624

30.8970, 0.4404,
0.3976

47.5540, 0.3429,
0.3499

27.7348, 0.4693,
0.4055


52.7885, 0.3249,
0.3378


24.9425, 0.4979,
0.4095


58.4760, 0.3093,
0.3264


22.5024, 0.5241,
0.4085

64.6278, 0.2957,
0.3159

 20.3921, 0.5463,
0.4022

 71.2549, 0.2840,
0.3061

 19.9439, 0.5513,
0.4005

 77.8205, 0.2783,
0.3057

 84.0244, 0.2791,
0.3172

 90.5962, 0.2799,
0.3284

Harmonies

Analogous

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



38.3936, 0.3875, 0.3455



38.3936, 0.3867, 0.3750



38.3936, 0.3652, 0.3949

Triad

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



38.3936, 0.3867, 0.3750



38.3936, 0.2606, 0.3417



38.3936, 0.2916, 0.2703

Complementary

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



38.3936, 0.3867, 0.3750



34.9690, 0.2532, 0.2776

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.



38.3936, 0.2603, 0.2666



38.3936, 0.3867, 0.3750



38.3936, 0.2433, 0.3050

Square

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



38.3936, 0.3867, 0.3750



38.3936, 0.2920, 0.3768



38.3936, 0.2433, 0.2783



38.3936, 0.3306, 0.2873

Rectangle

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



38.3936, 0.3867, 0.3750



38.3936, 0.3429, 0.3985



38.3936, 0.2433, 0.2783



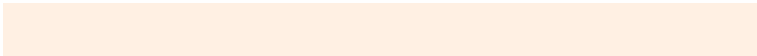
38.3936, 0.2799, 0.2674

Sweetspot

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



38.3954, 0.3867, 0.3750



89.1447, 0.3309, 0.3419



29.2886, 0.3536, 0.2756



18.8089, 0.3333, 0.3436



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.



38.3954, 0.3867, 0.3750



61.6482, 0.4071, 0.3847



52.7442, 0.3703, 0.4176



11.4390, 0.3278, 0.3398



12.9954, 0.5491, 0.4022



0.7600, 0.5152, 0.4292

Inverse Universe

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



34.9690, 0.2532, 0.2776



54.8082, 0.2408, 0.2644



23.7876, 0.2451, 0.2216



11.2087, 0.2983, 0.3180



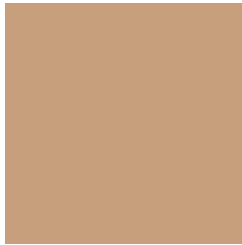
9.4782, 0.1807, 0.1706



0.5928, 0.1907, 0.2065

Previews

White Background



This preview shows how the Yxy color 38.3936, 0.3867, 0.3750 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 38.3936, 0.3867, 0.3750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

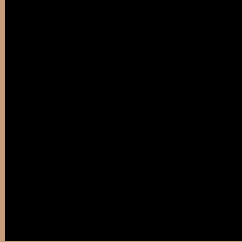
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.3936, 0.3867, 0.3750

Background



This preview shows how black text looks on a background with the Yxy color 38.3936, 0.3867, 0.3750.



This preview shows how white text looks on a background with the Yxy color 38.3936, 0.3867, 0.3750.

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

38.3936, 0.3867, 0.3750

Protanopia

38.6347, 0.3591, 0.3853

Deuteranopia

38.4672, 0.3842, 0.3767



Tritanopia

38.1956, 0.3517, 0.3138

Trichromacy



Original Color

38.3936, 0.3867, 0.3750

Protanomaly

38.4964, 0.3693, 0.3812

Deuteranomaly

38.6026, 0.3852, 0.3765

Tritanomaly

38.2013, 0.3653, 0.3356

Monochromacy



Original Color

38.3936, 0.3867, 0.3750

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.3690, 0.3388, 0.3471

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.3936, 0.3867, 0.3750 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(199, 159, 124)` looks like.

```
.text, #text, p{  
    color:rgb(199, 159, 124)  
}
```

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(199, 159, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 159, 124) }
```

Border

The CSS property to change the border of an element to Yxy 38.3936, 0.3867, 0.3750 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(199, 159, 124) }
```

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

```
.border{ border-color:rgb(199, 159, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 159, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 159, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 159, 124);  
box-shadow:4px 4px 4px 4px rgb(199, 159,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 38.3936, 0.3867, 0.3750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 159, 124) }
```

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

```
.background{ background-color: rgb(199,  
159, 124) }
```

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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