

Converting Colors

$Yxy(39.2446, 0.3865, 0.3754)$

Have a look what the booklet for
Yxy(39.2446, 0.3865, 0.3754)
contains.

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Color

Yxy(39.3879, 0.3868, 0.3759)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C9A17D |
| RGB | 201, 161, 125 |
| RGB Percent | 79%, 63%, 49% |
| CMY | 0.2118, 0.3686, 0.5098 |
| CMYK | 0.00, 0.20, 0.38, 0.21 |
| HSL | 28°, 41%, 64% |
| HSV | 28°, 38%, 79% |
| XYZ | 40.5300, 39.3879, 24.8650 |
| YIQ | 168.8560, 35.3960, -2.7160 |

Conversions

Conversions Part 2

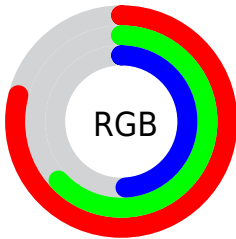
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 201, 193, 125 |
| Decimal | 13214077 |
| CIELab | 69.03, 9.83, 24.36 |
| CIELCh | 69, 26.266, 68.028 |
| Yxy | 39.3879, 0.3868, 0.3759 |
| Android (android.graphics.Color) | 4291404157 (0xFFC9A17D) |
| YUV | 168.8560, -21.6210, 28.1903 |
| Hunter-Lab | 62.7598, 5.4450, 20.4416 |

Details

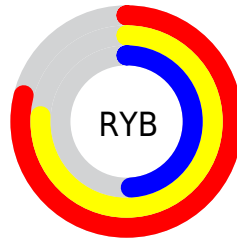
The Yxy color **39.3879, 0.3868, 0.3759** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **35.4719, 0.2529, 0.2765**, and the grayscale version is **39.6971, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.5861, 0.3694, 0.3682**, and **17.4788, 0.4085, 0.3870** is the 20% darker color. If you saturate the color by 10%, you get **35.3867, 0.4124, 0.3881**, and if you desaturate by 10%, it is **43.8092, 0.3636, 0.3631**.

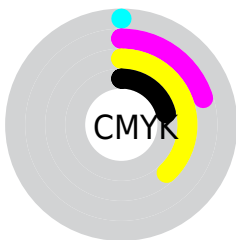
Distribution



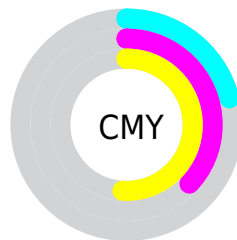
- Red (79%)
- Green (63%)
- Blue (49%)



- Red (79%)
- Yellow (76%)
- Blue (49%)



- Cyan (0%)
- Magenta (20%)
- Yellow (38%)
- Black (21%)



- Cyan (21%)
- Magenta (37%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.3879, 0.3868, 0.3759 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 39.3879, 0.3868, 0.3759 by changing the saturation by 10% instead.


 39.3879, 0.3868,
0.3759


 39.3879, 0.3868,
0.3759

343.5369, 0.3487,
0.3529


 27.0616, 0.3965,
0.3814


 74.2305, 0.3727,
0.3677

 17.6195, 0.4091,
0.3882


 97.5157, 0.3675,
0.3646

 10.6772, 0.4259,
0.3967


 125.2225, 0.3631,
0.3619

 5.8502, 0.4491,
0.4075

157.7356, 0.3594,
0.3596

 2.7542, 0.4860,
0.4232

195.4391, 0.3561,
0.3576

 1.0048, 0.5525,
0.4475

238.7176, 0.3533,

 0.0000, 1.0000,

0.3558

0.0000

287.9554, 0.3509,
0.3543

0.0000, 0.0000,
0.0000

39.3879, 0.3868,
0.3759

39.3879, 0.3868,
0.3759

35.3867, 0.4124,
0.3881

43.8092, 0.3636,
0.3631

31.7859, 0.4401,
0.3988

48.6582, 0.3431,
0.3504

28.5726, 0.4687,
0.4069

53.9492, 0.3251,
0.3381

25.7303, 0.4969,
0.4109

59.6943, 0.3095,
0.3265

23.2412, 0.5227,
0.4100

65.9049, 0.2959,
0.3158

■ 21.0826, 0.5446,
0.4038

■ 72.5918, 0.2841,
0.3059

■ 20.6482, 0.5492,
0.4021

■ 79.0588, 0.2796,
0.3076

■ 85.2936, 0.2804,
0.3190

■ 91.1552, 0.2811,
0.3289

Harmonies

Analogous

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



39.3879, 0.3881, 0.3463



39.3879, 0.3868, 0.3759



39.3879, 0.3648, 0.3955

Triad

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



39.3879, 0.3868, 0.3759



39.3879, 0.2597, 0.3407



39.3879, 0.2924, 0.2703

Complementary

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



39.3879, 0.3868, 0.3759



35.4719, 0.2529, 0.2765

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.



39.3879, 0.2607, 0.2662



39.3879, 0.3868, 0.3759



39.3879, 0.2428, 0.3040

Square

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



39.3879, 0.3868, 0.3759



39.3879, 0.2910, 0.3763



39.3879, 0.2432, 0.2776



39.3879, 0.3317, 0.2877

Rectangle

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



39.3879, 0.3868, 0.3759



39.3879, 0.3421, 0.3988



39.3879, 0.2432, 0.2776



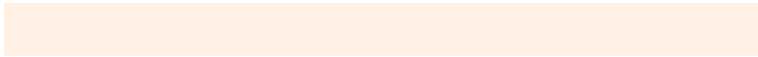
39.3879, 0.2806, 0.2673

Sweetspot

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



39.3898, 0.3868, 0.3759



89.2685, 0.3309, 0.3421



29.8157, 0.3553, 0.2770



18.8383, 0.3333, 0.3438



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.



39.3898, 0.3868, 0.3759



62.0315, 0.4067, 0.3855



54.4899, 0.3700, 0.4193



11.4523, 0.3278, 0.3400



13.1659, 0.5469, 0.4040



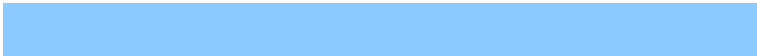
0.7682, 0.5135, 0.4305

Inverse Universe

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



35.4719, 0.2529, 0.2765



54.4073, 0.2406, 0.2633



23.8900, 0.2445, 0.2192



11.1953, 0.2983, 0.3178



9.2816, 0.1800, 0.1680



0.5838, 0.1901, 0.2044

Previews

White Background



This preview shows how the Yxy color 39.3879, 0.3868, 0.3759 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 39.3879, 0.3868, 0.3759 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

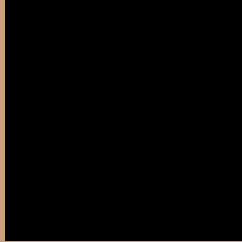
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.3879, 0.3868, 0.3759

Background



This preview shows how black text looks on a background with the Yxy color 39.3879, 0.3868, 0.3759.



This preview shows how white text looks on a background with the Yxy color 39.3879, 0.3868, 0.3759.

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

39.3879, 0.3868, 0.3759

Protanopia

39.2671, 0.3598, 0.3848

Deuteranopia

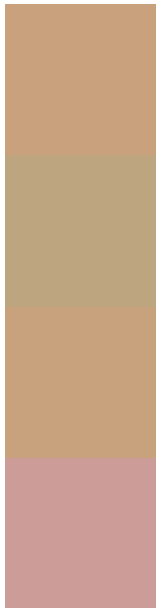
39.4634, 0.3843, 0.3775



Tritanopia

39.2118, 0.3513, 0.3139

Trichromacy



Original Color

39.3879, 0.3868, 0.3759

Protanomaly

39.1339, 0.3699, 0.3807

Deuteranomaly

39.6007, 0.3853, 0.3773

Tritanomaly

39.2183, 0.3647, 0.3356

Monochromacy



Original Color

39.3879, 0.3868, 0.3759

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.3961, 0.3385, 0.3469

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.3879, 0.3868, 0.3759 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(201, 161, 125)` looks like.

```
.text, #text, p{  
    color:rgb(201, 161, 125)  
}
```

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(201, 161, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 161, 125) }
```

Border

The CSS property to change the border of an element to Yxy 39.3879, 0.3868, 0.3759 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(201, 161, 125) }
```

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

```
.border{ border-color:rgb(201, 161, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 161, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 161, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 161, 125);  
box-shadow:4px 4px 4px 4px rgb(201, 161,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 39.3879, 0.3868, 0.3759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 161, 125) }
```

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

```
.background{ background-color: rgb(201,  
161, 125) }
```

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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