

Converting Colors

Yxy(36.8107, 0.4066, 0.3903)

Have a look what the booklet for
Yxy(36.8107, 0.4066, 0.3903)
contains.

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Color

Yxy(36.9429, 0.4065, 0.3899)

Conversions

Conversions Part 1

Format	Color
Hex	C99B6C
RGB	201, 155, 108
RGB Percent	79%, 61%, 42%
CMY	0.2118, 0.3921, 0.5764
CMYK	0.00, 0.23, 0.46, 0.21
HSL	30°, 46%, 61%
HSV	30°, 46%, 79%
XYZ	38.5157, 36.9429, 19.2910
YIQ	163.3960, 42.5030, -4.8650

Conversions

Conversions Part 2

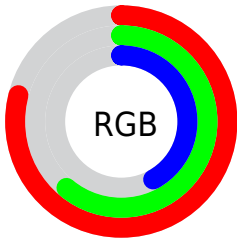
Format	Color
R_{YB}	199, 201, 108
Decimal	13212524
CIE _{Lab}	67.23, 11.23, 31.18
CIE _{LCh}	67, 33.139, 70.186
Yxy	36.9429, 0.4065, 0.3899
Android (android.graphics.Color)	4291402604 (0xFFC99B6C)
YUV	163.3960, -27.3102, 32.9787
Hunter-Lab	60.7807, 6.7464, 23.7286

Details

The Yxy color **36.9429, 0.4065, 0.3899** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **30.5190, 0.2388, 0.2576**, and the grayscale version is **36.9408, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.3990, 0.3852, 0.3798**, and **16.2466, 0.4341, 0.4043** is the 20% darker color. If you saturate the color by 10%, you get **33.3905, 0.4328, 0.4017**, and if you desaturate by 10%, it is **40.8699, 0.3820, 0.3768**.

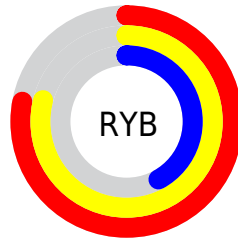
Distribution



Red (79%)

Green (61%)

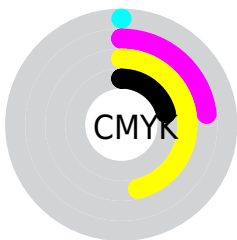
Blue (42%)



Red (78%)

Yellow (79%)

Blue (42%)

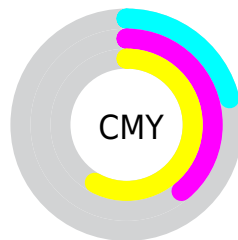


Cyan (0%)

Magenta (23%)

Yellow (46%)

Black (21%)



Cyan (21%)

Magenta (39%)

Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.9429, 0.4065, 0.3899 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 36.9429, 0.4065, 0.3899 by changing the saturation by 10% instead.


 36.9429, 0.4065,
0.3899


 36.9429, 0.4065,
0.3899


333.0632, 0.3580,
0.3602


 25.1633, 0.4188,
0.3967


 70.4850, 0.3887,
0.3795


 16.1987, 0.4345,
0.4050


 93.0162, 0.3820,
0.3754

 9.6649, 0.4551,
0.4149


 119.9001, 0.3764,
0.3720

 5.1773, 0.4827,
0.4260

 151.5210, 0.3717,
0.3690

 2.3517, 0.5438,
0.4562

188.2634, 0.3676,
0.3664

 0.8009, 0.5675,
0.4325

230.5117, 0.3640,

 0.0000, 0.0000,

0.3641

0.0000

278.6501, 0.3608,
0.3620

■ 36.9429, 0.4065,
0.3899

■ 36.9429, 0.4065,
0.3899

■ 33.3905, 0.4328,
0.4017

■ 40.8699, 0.3820,
0.3768

■ 30.1942, 0.4600,
0.4109

■ 45.1789, 0.3598,
0.3632

■ 27.3410, 0.4868,
0.4163


■ 49.8833, 0.3400,
0.3497


■ 24.8150, 0.5116,
0.4169


■ 54.9944, 0.3225,
0.3367

■ 22.5972, 0.5326,
0.4120

■ 60.5229, 0.3072,
0.3245

 21.8376, 0.5400,
0.4095

 66.4790, 0.2939,
0.3132

 72.8726, 0.2823,
0.3028

 78.7913, 0.2795,
0.3071

 84.6295, 0.2803,
0.3178

Harmonies

Analogous

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



36.9429, 0.4110, 0.3525



36.9429, 0.4065, 0.3899



36.9429, 0.3758, 0.4155

Triad

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



36.9429, 0.4065, 0.3899



36.9429, 0.2427, 0.3399



36.9429, 0.2897, 0.2562

Complementary

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



36.9429, 0.4065, 0.3899



30.5190, 0.2388, 0.2576

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.



36.9429, 0.2488, 0.2493



36.9429, 0.4065, 0.3899



36.9429, 0.2235, 0.2928

Square

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



36.9429, 0.4065, 0.3899



36.9429, 0.2809, 0.3882



36.9429, 0.2257, 0.2612



36.9429, 0.3404, 0.2789

Rectangle

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



36.9429, 0.4065, 0.3899



36.9429, 0.3459, 0.4197



36.9429, 0.2257, 0.2612



36.9429, 0.2744, 0.2520

Sweetspot

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



36.9447, 0.4065, 0.3899



87.1568, 0.3362, 0.3470



25.4950, 0.3731, 0.2693



18.2586, 0.3402, 0.3498



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.



36.9447, 0.4065, 0.3899



56.8681, 0.4342, 0.4022



55.2730, 0.3805, 0.4411



11.5080, 0.3277, 0.3407



13.9144, 0.5378, 0.4112



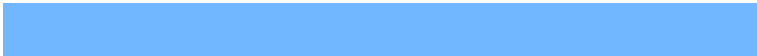
0.8037, 0.5067, 0.4359

Inverse Universe

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



30.5190, 0.2388, 0.2576



44.4759, 0.2226, 0.2377



18.1336, 0.2258, 0.1854



11.1394, 0.2983, 0.3170



8.4953, 0.1771, 0.1575



0.5472, 0.1877, 0.1958

Previews

White Background



This preview shows how the Yxy color 36.9429, 0.4065, 0.3899 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 36.9429, 0.4065, 0.3899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

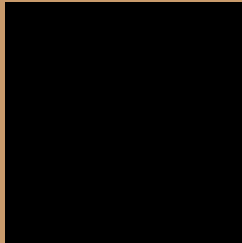
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.9429, 0.4065, 0.3899

Background



This preview shows how black text looks on a background with the Yxy color 36.9429, 0.4065, 0.3899.



This preview shows how white text looks on a background with the Yxy color 36.9429, 0.4065, 0.3899.

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

36.9429, 0.4065, 0.3899

Protanopia

37.0679, 0.3729, 0.4026

Deuteranopia

37.0670, 0.4011, 0.3935



Tritanopia

36.8397, 0.3612, 0.3139

Trichromacy



Original Color

36.9429, 0.4065, 0.3899

Protanomaly

37.0765, 0.3846, 0.3976

Deuteranomaly

36.8654, 0.4028, 0.3920

Tritanomaly

36.8937, 0.3781, 0.3421

Monochromacy



Original Color

36.9429, 0.4065, 0.3899

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.4719, 0.3453, 0.3531

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.9429, 0.4065, 0.3899 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, 155, 108)` looks like.

```
.text, #text, p{  
    color:rgb(201, 155, 108)  
}
```

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, 155, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 155, 108) }
```

Border

The CSS property to change the border of an element to Yxy 36.9429, 0.4065, 0.3899 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, 155, 108) }
```

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

```
.border{ border-color:rgb(201, 155, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 155, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 155, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 155, 108);  
box-shadow:4px 4px 4px 4px rgb(201, 155,  
108) }
```


Background

The CSS property to change the background color of an element to Yxy 36.9429, 0.4065, 0.3899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 155, 108) }
```

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

```
.background{ background-color: rgb(201,  
155, 108) }
```

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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