

Converting Colors

$Yxy(41.4696, 0.3962, 0.3992)$

Have a look what the booklet for
Yxy(41.4696, 0.3962, 0.3992)
contains.

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Color

Yxy(41.3638, 0.3967, 0.3992)

Conversions

Conversions Part 1

Format	Color
Hex	CAA770
RGB	202, 167, 112
RGB Percent	79%, 65%, 44%
CMY	0.2078, 0.3451, 0.5608
CMYK	0.00, 0.17, 0.45, 0.21
HSL	37°, 46%, 62%
HSV	37°, 45%, 79%
XYZ	41.1048, 41.3638, 21.1482
YIQ	171.1950, 38.5150, -9.6850

Conversions

Conversions Part 2

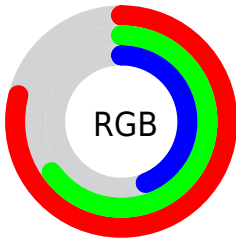
Format	Color
RYB	169, 202, 112
Decimal	13281136
CIELab	70.43, 5.57, 33.19
CIELCh	70, 33.657, 80.475
Yxy	41.3638, 0.3967, 0.3992
Android (android.graphics.Color)	4291471216 (0xFFCAA770)
YUV	171.1950, -29.1831, 27.0160
Hunter-Lab	64.3147, 1.5321, 25.5243

Details

The Yxy color **41.3638, 0.3967, 0.3992** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **28.5870, 0.2389, 0.2458**, and the grayscale version is **40.9648, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.1829, 0.3775, 0.3884**, and **18.7313, 0.4202, 0.4168** is the 20% darker color. If you saturate the color by 10%, you get **38.1720, 0.4194, 0.4136**, and if you desaturate by 10%, it is **44.8355, 0.3750, 0.3834**.

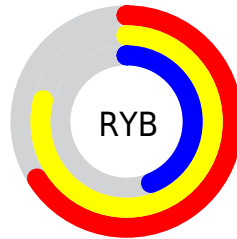
Distribution



Red (79%)

Green (65%)

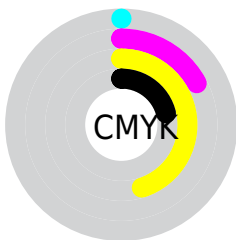
Blue (44%)



Red (66%)

Yellow (79%)

Blue (44%)

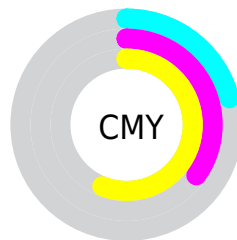


Cyan (0%)

Magenta (17%)

Yellow (45%)

Black (21%)



Cyan (21%)


Magenta (35%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.3638, 0.3967, 0.3992 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 41.3638, 0.3967, 0.3992 by changing the saturation by 10% instead.


 41.3638, 0.3967,
0.3992


 41.3638, 0.3967,
0.3992


351.8388, 0.3544,
0.3648

 28.6035, 0.4071,
0.4073


 77.2358, 0.3814,
0.3870

 18.7811, 0.4201,
0.4172


 101.1163, 0.3756,
0.3823

 11.5122, 0.4368,
0.4294


 129.4724, 0.3707,
0.3783

 6.4124, 0.4586,
0.4444

 162.6883, 0.3665,
0.3749

 3.0975, 0.5022,
0.4759

201.1485, 0.3629,
0.3719

 1.1828, 0.5231,
0.4769

245.2374, 0.3597,

 0.0476, 0.7919,

0.3692

0.2081

295.3394, 0.3569,
0.3669

0.0000, 0.0000,
0.0000

41.3638, 0.3967,
0.3992

41.3638, 0.3967,
0.3992

38.1720, 0.4194,
0.4136

44.8355, 0.3750,
0.3834

35.2444, 0.4423,
0.4256

48.5905, 0.3547,
0.3672

32.5720, 0.4644,
0.4340

52.6394, 0.3363,
0.3512

30.1428, 0.4843,
0.4377

56.9903, 0.3197,
0.3358

27.9425, 0.5011,
0.4362

61.6509, 0.3049,
0.3212

■ 26.8290, 0.5093,
0.4338

■ 66.6288, 0.2917,
0.3076

■ 71.9310, 0.2801,
0.2951

■ 76.3061, 0.2798,
0.3021

■ 80.7772, 0.2804,
0.3106

Harmonies

Analogous

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



41.3638, 0.4107, 0.3653



41.3638, 0.3967, 0.3992



41.3638, 0.3601, 0.4172

Triad

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



41.3638, 0.3967, 0.3992



41.3638, 0.2354, 0.3229



41.3638, 0.3068, 0.2637

Complementary

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



41.3638, 0.3967, 0.3992



28.5870, 0.2389, 0.2458

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.



41.3638, 0.2622, 0.2513



41.3638, 0.3967, 0.3992



41.3638, 0.2236, 0.2810

Square

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



41.3638, 0.3967, 0.3992



41.3638, 0.2671, 0.3718



41.3638, 0.2330, 0.2565



41.3638, 0.3566, 0.2904

Rectangle

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



41.3638, 0.3967, 0.3992



41.3638, 0.3288, 0.4147



41.3638, 0.2330, 0.2565



41.3638, 0.2907, 0.2578

Sweetspot

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



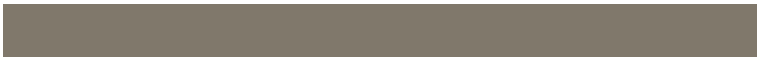
41.3658, 0.3967, 0.3992



90.0908, 0.3339, 0.3490



26.2877, 0.3817, 0.2826



18.9421, 0.3378, 0.3525



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.



41.3658, 0.3967, 0.3992



65.0485, 0.4175, 0.4125



54.7605, 0.3705, 0.4406



12.3352, 0.3275, 0.3431



17.4377, 0.5078, 0.4350



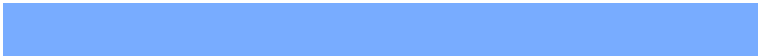
1.0443, 0.4860, 0.4523

Inverse Universe

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



28.5870, 0.2389, 0.2458



40.8733, 0.2233, 0.2248



19.9205, 0.2370, 0.1939



11.5479, 0.2983, 0.3145



6.4664, 0.1679, 0.1245



0.4799, 0.1790, 0.1642

Previews

White Background



This preview shows how the Yxy color 41.3638, 0.3967, 0.3992 looks on a white background.

Color Contrast Check

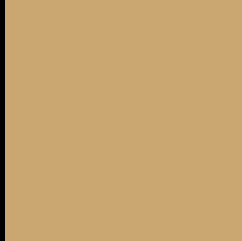
Large Text (above 18pt) WCAG AA × Fail

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 41.3638, 0.3967, 0.3992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

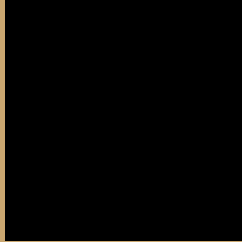
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.3638, 0.3967, 0.3992

Background



This preview shows how black text looks on a background with the Yxy color 41.3638, 0.3967, 0.3992.



This preview shows how white text looks on a background with the Yxy color 41.3638, 0.3967, 0.3992.

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

41.3638, 0.3967, 0.3992

Protanopia

41.2847, 0.3774, 0.4070

Deuteranopia

41.3455, 0.4028, 0.3955



Tritanopia

41.1847, 0.3484, 0.3129

Trichromacy



Original Color

41.3638, 0.3967, 0.3992

Protanomaly

41.1482, 0.3842, 0.4044

Deuteranomaly

41.4214, 0.4002, 0.3972

Tritanomaly

41.1645, 0.3671, 0.3444

Monochromacy



Original Color

41.3638, 0.3967, 0.3992

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.8965, 0.3414, 0.3564

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.3638, 0.3967, 0.3992 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(202, 167, 112)` looks like.

```
.text, #text, p{  
    color:rgb(202, 167, 112)  
}
```

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(202, 167, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 167, 112) }
```

Border

The CSS property to change the border of an element to Yxy 41.3638, 0.3967, 0.3992 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(202, 167, 112) }
```

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

```
.border{ border-color:rgb(202, 167, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 167, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 167, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 167, 112);  
box-shadow:4px 4px 4px 4px rgb(202, 167,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 41.3638, 0.3967, 0.3992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 167, 112) }
```

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

```
.background{ background-color: rgb(202,  
167, 112) }
```

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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