

Converting Colors

$Yxy(44.4860, 0.3953, 0.4104)$

Have a look what the booklet for
Yxy(44.4860, 0.3953, 0.4104)
contains.

Yxy(44.4822, 0.3948, 0.4106)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(44.4822, 0.3948, 0.4106)

Conversions

Conversions Part 1

Format	Color
Hex	CBAF6E
RGB	203, 175, 110
RGB Percent	80%, 69%, 43%
CMY	0.2040, 0.3137, 0.5686
CMYK	0.00, 0.14, 0.46, 0.20
HSL	42°, 47%, 61%
HSV	42°, 46%, 80%
XYZ	42.7705, 44.4822, 21.0819
YIQ	175.9620, 37.5530, -14.2790

Conversions

Conversions Part 2

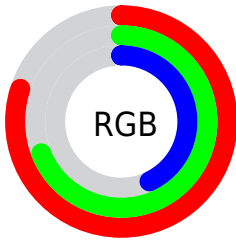
Format	Color
RYB	150, 203, 110
Decimal	13348718
CIELab	72.55, 1.47, 36.97
CIElCh	73, 36.998, 87.718
Yxy	44.4822, 0.3948, 0.4106
Android (android.graphics.Color)	4291538798 (0xFFCBAF6E)
YUV	175.9620, -32.5193, 23.7123
Hunter-Lab	66.6950, -2.2468, 27.9452

Details

The Yxy color **44.4822, 0.3948, 0.4106** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **25.7959, 0.2344, 0.2300**, and the grayscale version is **43.5536, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.4980, 0.3754, 0.3969**, and **20.7059, 0.4156, 0.4312** is the 20% darker color. If you saturate the color by 10%, you get **41.7675, 0.4149, 0.4265**, and if you desaturate by 10%, it is **47.4099, 0.3749, 0.3930**.

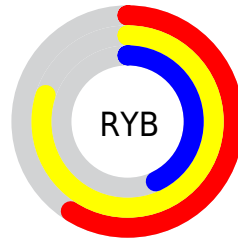
Distribution



Red (80%)

Green (69%)

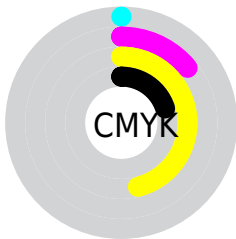
Blue (43%)



Red (59%)

Yellow (80%)

Blue (43%)

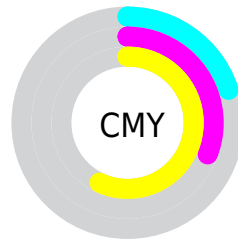


Cyan (0%)

Magenta (14%)

Yellow (46%)

Black (20%)



Cyan (20%)


Magenta (31%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.4822, 0.3948, 0.4106 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 44.4822, 0.3948, 0.4106 by changing the saturation by 10% instead.


 44.4822, 0.3948,
0.4106


 44.4822, 0.3948,
0.4106


364.6724, 0.3544,
0.3707


 31.0498, 0.4044,
0.4199


 81.9428, 0.3804,
0.3965


 20.6368, 0.4162,
0.4314


 106.7399, 0.3749,
0.3911

 12.8587, 0.4309,
0.4456


 136.0939, 0.3702,
0.3864

 7.3313, 0.4493,
0.4629

 170.3892, 0.3662,
0.3824

 3.6702, 0.4850,
0.4969

210.0104, 0.3626,
0.3789

 1.4908, 0.4962,
0.5038

255.3417, 0.3595,

 0.2823, 0.5187,

0.3758

0.4813

306.7676, 0.3568,
0.3731

0.0000, 0.0000,
0.0000

44.4822, 0.3948,
0.4106

44.4822, 0.3948,
0.4106

41.7675, 0.4149,
0.4265

47.4099, 0.3749,
0.3930

39.2511, 0.4344,
0.4398

50.5520, 0.3558,
0.3748

36.9258, 0.4524,
0.4492

53.9179, 0.3380,
0.3566

34.7809, 0.4679,
0.4541

57.5142, 0.3216,
0.3389

32.8035, 0.4804,
0.4539

61.3473, 0.3067,
0.3221

■ 32.0155, 0.4851,
0.4530

■ 65.4233, 0.2932,
0.3064

■ 69.7480, 0.2812,
0.2918

■ 73.1558, 0.2800,
0.2955

■ 76.4953, 0.2804,
0.3022

Harmonies

Analogous

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



44.4822, 0.4168, 0.3769



44.4822, 0.3948, 0.4106



44.4822, 0.3514, 0.4246

Triad

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



44.4822, 0.3948, 0.4106



44.4822, 0.2251, 0.3100



44.4822, 0.3191, 0.2651

Complementary

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



44.4822, 0.3948, 0.4106



25.7959, 0.2344, 0.2300

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.



44.4822, 0.2688, 0.2478



44.4822, 0.3948, 0.4106



44.4822, 0.2181, 0.2692

Square

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



44.4822, 0.3948, 0.4106



44.4822, 0.2539, 0.3626



44.4822, 0.2333, 0.2484



44.4822, 0.3716, 0.2963

Rectangle

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



44.4822, 0.3948, 0.4106



44.4822, 0.3170, 0.4169



44.4822, 0.2333, 0.2484



44.4822, 0.3013, 0.2575

Sweetspot

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



44.4843, 0.3948, 0.4106



91.2475, 0.3352, 0.3536



25.7231, 0.3950, 0.2912



19.2570, 0.3390, 0.3576



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.



44.4843, 0.3948, 0.4106



69.9812, 0.4147, 0.4264



54.2638, 0.3653, 0.4464



12.5046, 0.3273, 0.3451



20.5431, 0.4840, 0.4539



1.1889, 0.4685, 0.4662

Inverse Universe

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



25.7959, 0.2344, 0.2300



34.9441, 0.2166, 0.2038



19.9778, 0.2412, 0.1919



11.3852, 0.2983, 0.3123



5.0141, 0.1615, 0.1013



0.3927, 0.1726, 0.1414

Previews

White Background



This preview shows how the Yxy color 44.4822, 0.3948, 0.4106 looks on a white background.

Color Contrast Check

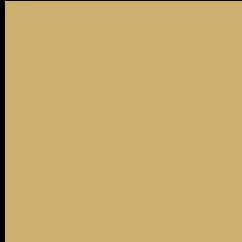
Large Text (above 18pt) WCAG AA × Fail

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 44.4822, 0.3948, 0.4106 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 44.4822, 0.3948, 0.4106

Background



This preview shows how black text looks on a background with the Yxy color 44.4822, 0.3948, 0.4106.



This preview shows how white text looks on a background with the Yxy color 44.4822, 0.3948, 0.4106.

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

44.4822, 0.3948, 0.4106

Protanopia

44.4578, 0.3837, 0.4157

Deuteranopia

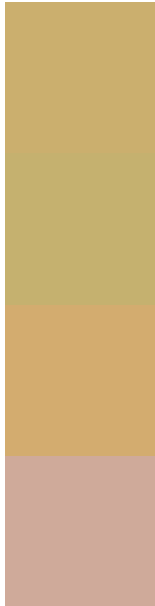
44.3442, 0.4085, 0.4001



Tritanopia

44.5937, 0.3422, 0.3144

Trichromacy



Original Color

44.4822, 0.3948, 0.4106

Protanomaly

44.4623, 0.3871, 0.4136

Deuteranomaly

44.5016, 0.4034, 0.4036

Tritanomaly

44.3479, 0.3617, 0.3492

Monochromacy



Original Color

44.4822, 0.3948, 0.4106

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.7568, 0.3420, 0.3611

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.4822, 0.3948, 0.4106 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(203, 175, 110)` looks like.

```
.text, #text, p{  
    color:rgb(203, 175, 110)  
}
```

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(203, 175, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 175, 110) }
```

Border

The CSS property to change the border of an element to Yxy 44.4822, 0.3948, 0.4106 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(203, 175, 110) }
```

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

```
.border{ border-color:rgb(203, 175, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 175, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 175, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 175, 110);  
box-shadow:4px 4px 4px 4px rgb(203, 175,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 44.4822, 0.3948, 0.4106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 175, 110) }
```

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

```
.background{ background-color: rgb(203,  
175, 110) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor