

# Converting Colors

$Yxy(43.3192, 0.3782, 0.3780)$

Have a look what the booklet for  
Yxy(43.3192, 0.3782, 0.3780)  
contains.

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# Color

**Yxy(43.1119, 0.3782, 0.3777)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | CBA84                      |
| RGB         | 203, 170, 132              |
| RGB Percent | 80%, 67%, 52%              |
| CMY         | 0.2039, 0.3333, 0.4825     |
| CMYK        | 0.00, 0.16, 0.35, 0.20     |
| HSL         | 32°, 41%, 66%              |
| HSV         | 32°, 35%, 80%              |
| XYZ         | 43.1690, 43.1119, 27.8624  |
| YIQ         | 175.5350, 31.8660, -4.8220 |

# Conversions

## Conversions Part 2

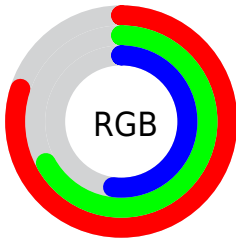
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 194, 203, 132                  |
| Decimal                             | 13347460                       |
| CIELab                              | 71.63, 6.62, 24.11             |
| CIElCh                              | 72, 25.005, 74.649             |
| Yxy                                 | 43.1119, 0.3782,<br>0.3777     |
| Android<br>(android.graphics.Color) | 4291537540<br>(0xFFCBAA84)     |
| YUV                                 | 175.5350, -21.4628,<br>24.0868 |
| Hunter-Lab                          | 65.6597, 2.4532,<br>20.8023    |

# Details

The Yxy color **43.1119, 0.3782, 0.3777** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **36.1164, 0.2565, 0.2745**, and the grayscale version is **43.2630, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.6132, 0.3619, 0.3699**, and **19.8620, 0.3977, 0.3908** is the 20% darker color. If you saturate the color by 10%, you get **39.2006, 0.4017, 0.3917**, and if you desaturate by 10%, it is **47.3891, 0.3567, 0.3633**.

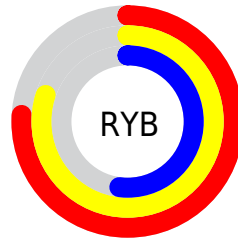
# Distribution



Red (80%)

Green (67%)

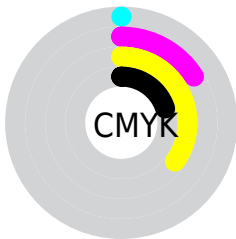
Blue (52%)



Red (76%)

Yellow (80%)

Blue (52%)

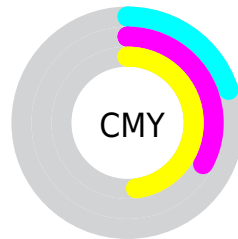


Cyan (0%)

Magenta (16%)

Yellow (35%)

Black (20%)



Cyan (20%)

Magenta (33%)


Yellow (48%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 43.1119, 0.3782, 0.3777 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 43.1119, 0.3782, 0.3777 by changing the saturation by 10% instead.





 43.1119, 0.3782,  
0.3777

 43.1119, 0.3782,  
0.3777


359.0718, 0.3450,  
0.3538


 29.9729, 0.3865,  
0.3834


 79.8797, 0.3661,  
0.3692

 19.8180, 0.3971,  
0.3906


 104.2773, 0.3616,  
0.3659

 12.2628, 0.4112,  
0.3998


 133.1966, 0.3577,  
0.3631

 6.9229, 0.4304,  
0.4117

167.0219, 0.3545,  
0.3607

 3.4140, 0.4577,  
0.4271

206.1377, 0.3516,  
0.3587

 1.3515, 0.5278,  
0.4722

250.9283, 0.3492,

 0.1805, 0.6486,

0.3568

0.3514

301.7782, 0.3470,  
0.3552

0.0000, 0.0000,  
0.0000

43.1119, 0.3782,  
0.3777

43.1119, 0.3782,  
0.3777

39.2006, 0.4017,  
0.3917

47.3891, 0.3567,  
0.3633

35.6377, 0.4269,  
0.4043

52.0371, 0.3375,  
0.3491

32.4126, 0.4528,  
0.4146

57.0683, 0.3205,  
0.3355


29.5120, 0.4784,  
0.4212


62.4926, 0.3055,  
0.3227

26.9209, 0.5019,  
0.4231

68.3194, 0.2923,  
0.3108


 24.6222, 0.5220,  
0.4195

 74.5579, 0.2809,  
0.2998

 23.5697, 0.5312,  
0.4164

 79.9266, 0.2808,  
0.3088

 85.5034, 0.2815,  
0.3189

 91.3714, 0.2822,  
0.3288

# Harmonies

## Analogous

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



43.1119, 0.3839, 0.3518



43.1119, 0.3782, 0.3777



43.1119, 0.3545, 0.3924

# Triad

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



43.1119, 0.3782, 0.3777



43.1119, 0.2588, 0.3322



43.1119, 0.3018, 0.2770

# Complementary

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



43.1119, 0.3782, 0.3777



36.1164, 0.2565, 0.2745

# 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.



43.1119, 0.2701, 0.2703



43.1119, 0.3782, 0.3777



43.1119, 0.2464, 0.2997

# Square

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



43.1119, 0.3782, 0.3777



43.1119, 0.2855, 0.3661



43.1119, 0.2504, 0.2778



43.1119, 0.3383, 0.2956



# Rectangle

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



43.1119, 0.3782, 0.3777



43.1119, 0.3323, 0.3923



43.1119, 0.2504, 0.2778



43.1119, 0.2902, 0.2733

# Sweetspot

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



43.1139, 0.3782, 0.3777



91.1374, 0.3289, 0.3424



31.9122, 0.3565, 0.2867



19.2521, 0.3314, 0.3444



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.



43.1139, 0.3782, 0.3777



67.1721, 0.3958, 0.3883



56.7520, 0.3629, 0.4160



12.1917, 0.3277, 0.3414



15.1814, 0.5293, 0.4180



0.9342, 0.5021, 0.4395



# Inverse Universe

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



36.1164, 0.2565, 0.2745



53.7399, 0.2440, 0.2603



25.9008, 0.2519, 0.2256



11.6888, 0.2983, 0.3163



8.0533, 0.1743, 0.1476



0.5668, 0.1847, 0.1848



# Previews

## White Background



This preview shows how the Yxy color 43.1119, 0.3782, 0.3777 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

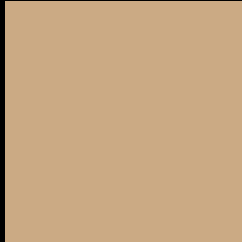
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 43.1119, 0.3782, 0.3777 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

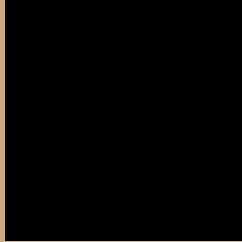
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 43.1119, 0.3782, 0.3777**

## **Background**



This preview shows how black text looks on a background with the Yxy color 43.1119, 0.3782, 0.3777.



This preview shows how white text looks on a background with the Yxy color 43.1119, 0.3782, 0.3777.

# 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

43.1119, 0.3782, 0.3777

### Protanopia

43.0725, 0.3599, 0.3839

### Deuteranopia

42.9366, 0.3829, 0.3745



## Tritanopia

43.1351, 0.3427, 0.3130

# Trichromacy



## Original Color

43.1119, 0.3782, 0.3777

## Protanomaly

42.9181, 0.3663, 0.3819

## Deuteranomaly

43.1637, 0.3815, 0.3759

## Tritanomaly

42.9675, 0.3554, 0.3354

# Monochromacy



## Original Color

43.1119, 0.3782, 0.3777

## Achromatopsia

43.4154, 0.3127, 0.3290

## Achromatomaly

43.2493, 0.3355, 0.3477

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 43.1119, 0.3782, 0.3777 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, 170, 132)` looks like.

```
.text, #text, p{  
    color:rgb(203, 170, 132)  
}
```

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, 170, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 170, 132) }
```

## Border

The CSS property to change the border of an element to Yxy 43.1119, 0.3782, 0.3777 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, 170, 132) }
```

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

```
.border{ border-color:rgb(203, 170, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 170, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 170, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 170, 132);  
box-shadow:4px 4px 4px 4px rgb(203, 170,  
132) }
```



# Background

The CSS property to change the background color of an element to Yxy 43.1119, 0.3782, 0.3777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 170, 132) }
```

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

```
.background{ background-color: rgb(203,  
170, 132) }
```

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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