

Converting Colors

$Y_{xy}(43.3767, 0.4015, 0.4158)$

Have a look what the booklet for
Yxy(43.3767, 0.4015, 0.4158)
contains.

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Color

Yxy(43.5629, 0.4017, 0.4164)

Conversions

Conversions Part 1

Format	Color
Hex	CBAD67
RGB	203, 173, 103
RGB Percent	80%, 68%, 40%
CMY	0.2038, 0.3216, 0.5960
CMYK	0.00, 0.15, 0.49, 0.20
HSL	42°, 49%, 60%
HSV	42°, 49%, 80%
XYZ	42.0250, 43.5629, 19.0300
YIQ	173.9900, 40.3500, -15.4100

Conversions

Conversions Part 2

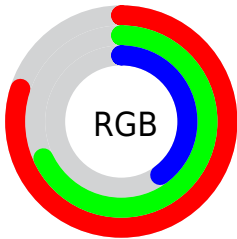
Format	Color
RYB	146, 203, 103
Decimal	13348199
CIELab	71.94, 1.88, 39.79
CIELCh	72, 39.836, 87.292
Yxy	43.5629, 0.4017, 0.4164
Android (android.graphics.Color)	4291538279 (0xFFCBAD67)
YUV	173.9900, -34.9981, 25.4418
Hunter-Lab	66.0022, -1.8491, 29.1068

Details

The Yxy color **43.5629, 0.4017, 0.4164** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **23.9838, 0.2281, 0.2209**, and the grayscale version is **42.4924, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.1134, 0.3815, 0.4029**, and **20.1441, 0.4244, 0.4376** is the 20% darker color. If you saturate the color by 10%, you get **40.9210, 0.4217, 0.4315**, and if you desaturate by 10%, it is **46.4146, 0.3817, 0.3993**.

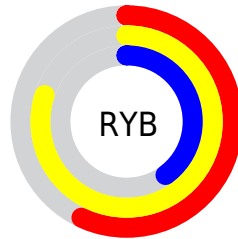
Distribution



Red (80%)

Green (68%)

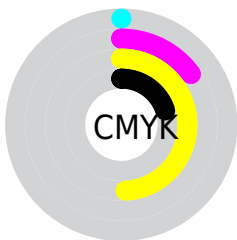
Blue (40%)



Red (57%)

Yellow (80%)

Blue (40%)

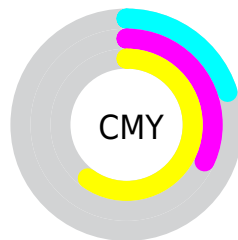


Cyan (0%)

Magenta (15%)

Yellow (49%)

Black (20%)



Cyan (20%)


Magenta (32%)

Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.5629, 0.4017, 0.4164 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 43.5629, 0.4017, 0.4164 by changing the saturation by 10% instead.


 43.5629, 0.4017,
0.4164


 43.5629, 0.4017,
0.4164


360.9216, 0.3579,
0.3738


 30.3270, 0.4120,
0.4262


 80.5596, 0.3862,
0.4014


 20.0869, 0.4245,
0.4381


 105.0892, 0.3802,
0.3956

 12.4583, 0.4400,
0.4526


 134.1522, 0.3751,
0.3907

 7.0566, 0.4589,
0.4698

 168.1330, 0.3707,
0.3864

 3.4975, 0.4959,
0.5041

207.4159, 0.3669,
0.3826

 1.3967, 0.4989,
0.5011

252.3854, 0.3635,

 0.2143, 0.5381,

0.3793

0.4619

303.4258, 0.3606,
0.3764

■ 0.0000, 0.0000,
0.0000

■ 43.5629, 0.4017,
0.4164

■ 43.5629, 0.4017,
0.4164

■ 40.9210, 0.4217,
0.4315

■ 46.4146, 0.3817,
0.3993

■ 38.4740, 0.4408,
0.4436

■ 49.4777, 0.3623,
0.3812

■ 36.2141, 0.4580,
0.4516

■ 52.7618, 0.3440,
0.3628

■ 34.1303, 0.4725,
0.4547

■ 56.2736, 0.3271,
0.3449

■ 32.2042, 0.4841,
0.4533

■ 60.0197, 0.3116,
0.3278

■ 32.0657, 0.4850,
0.4531

■ 64.0063, 0.2977,
0.3116

■ 68.2390, 0.2852,
0.2966

■ 72.0333, 0.2798,
0.2932

■ 75.3252, 0.2803,
0.2999

Harmonies

Analogous

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



43.5629, 0.4255, 0.3793



43.5629, 0.4017, 0.4164



43.5629, 0.3548, 0.4329

Triad

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



43.5629, 0.4017, 0.4164



43.5629, 0.2186, 0.3086



43.5629, 0.3186, 0.2599

Complementary

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



43.5629, 0.4017, 0.4164



23.9838, 0.2281, 0.2209

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.



43.5629, 0.2645, 0.2417



43.5629, 0.4017, 0.4164



43.5629, 0.2110, 0.2646

Square

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



43.5629, 0.4017, 0.4164



43.5629, 0.2496, 0.3663



43.5629, 0.2269, 0.2423



43.5629, 0.3758, 0.2931

Rectangle

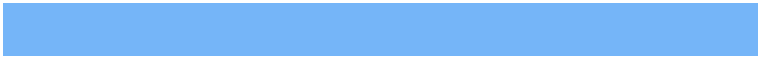
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



43.5629, 0.4017, 0.4164



43.5629, 0.3176, 0.4253



43.5629, 0.2269, 0.2423



43.5629, 0.2994, 0.2520

Sweetspot

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



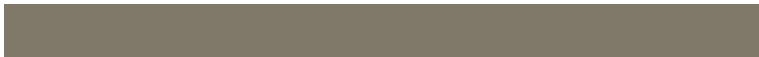
43.5650, 0.4017, 0.4164



90.6675, 0.3369, 0.3555



24.1440, 0.4044, 0.2886



19.1413, 0.3406, 0.3593



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.



43.5650, 0.4017, 0.4164



68.2808, 0.4227, 0.4323



53.9760, 0.3686, 0.4549



12.5059, 0.3273, 0.3452



20.5681, 0.4838, 0.4540



1.1900, 0.4683, 0.4663

Inverse Universe

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



23.9838, 0.2281, 0.2209



31.9190, 0.2095, 0.1928



18.1075, 0.2347, 0.1803



11.3840, 0.2983, 0.3123



5.0049, 0.1614, 0.1011



0.3922, 0.1726, 0.1412

Previews

White Background



This preview shows how the Yxy color 43.5629, 0.4017, 0.4164 looks on a white background.

Color Contrast Check

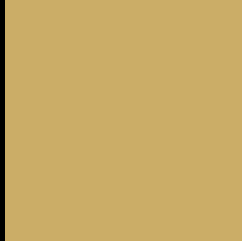
Large Text (above 18pt) WCAG AA × Fail

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 43.5629, 0.4017, 0.4164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

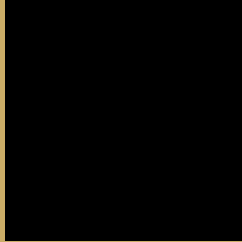
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.5629, 0.4017, 0.4164

Background



This preview shows how black text looks on a background with the Yxy color 43.5629, 0.4017, 0.4164.



This preview shows how white text looks on a background with the Yxy color 43.5629, 0.4017, 0.4164.

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

43.5629, 0.4017, 0.4164

Protanopia

43.7812, 0.3888, 0.4233

Deuteranopia

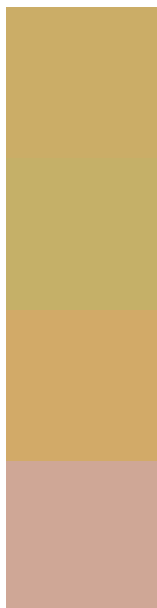
43.3009, 0.4147, 0.4060



Tritanopia

43.4269, 0.3446, 0.3132

Trichromacy



Original Color

43.5629, 0.4017, 0.4164

Protanomaly

43.9205, 0.3933, 0.4208

Deuteranomaly

43.4506, 0.4096, 0.4095

Tritanomaly

43.1048, 0.3664, 0.3506

Monochromacy



Original Color

43.5629, 0.4017, 0.4164

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.7245, 0.3450, 0.3641

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5629, 0.4017, 0.4164 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, 173, 103)` looks like.

```
.text, #text, p{  
    color:rgb(203, 173, 103)  
}
```

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, 173, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 173, 103) }
```

Border

The CSS property to change the border of an element to Yxy 43.5629, 0.4017, 0.4164 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, 173, 103) }
```

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

```
.border{ border-color:rgb(203, 173, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 173, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 173, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 173, 103);  
box-shadow:4px 4px 4px 4px rgb(203, 173,  
103) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5629, 0.4017, 0.4164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 173, 103) }
```

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

```
.background{ background-color: rgb(203,  
173, 103) }
```

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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