

Converting Colors

Yxy(45.5657, 0.3728, 0.3810)

Have a look what the booklet for
Yxy(45.5657, 0.3728, 0.3810)
contains.

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Color

Yxy(45.4964, 0.3730, 0.3811)

Conversions

Conversions Part 1

Format	Color
Hex	CBB087
RGB	203, 176, 135
RGB Percent	80%, 69%, 53%
CMY	0.2039, 0.3098, 0.4706
CMYK	0.00, 0.13, 0.34, 0.20
HSL	36°, 40%, 66%
HSV	36°, 34%, 80%
XYZ	44.5294, 45.4964, 29.3560
YIQ	179.3990, 29.2530, -7.0270

Conversions

Conversions Part 2

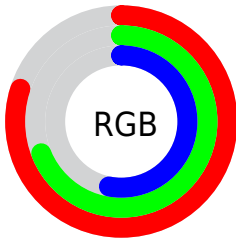
Format	Color
RYB	180, 203, 135
Decimal	13348999
CIELab	73.22, 3.78, 24.62
CIELCh	73, 24.907, 81.280
Yxy	45.4964, 0.3730, 0.3811
Android (android.graphics.Color)	4291539079 (0xFFCBB087)
YUV	179.3990, -21.8887, 20.6981
Hunter-Lab	67.4510, -0.1982, 21.4116

Details

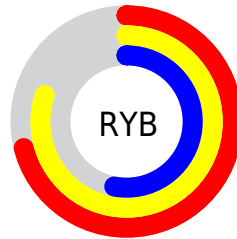
The Yxy color **45.4964, 0.3730, 0.3811** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.3080, 0.2581, 0.2705**, and the grayscale version is **45.4123, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.6473, 0.3574, 0.3725**, and **21.3671, 0.3897, 0.3954** is the 20% darker color. If you saturate the color by 10%, you get **41.9115, 0.3948, 0.3968**, and if you desaturate by 10%, it is **49.3823, 0.3528, 0.3651**.

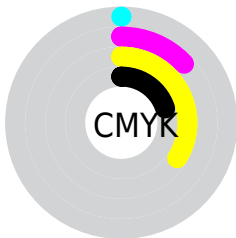
Distribution



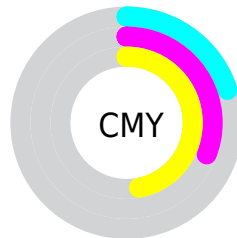
- Red (80%)
- Green (69%)
- Blue (53%)



- Red (71%)
- Yellow (80%)
- Blue (53%)



- Cyan (0%)
- Magenta (13%)
- Yellow (34%)
- Black (20%)





- Cyan (20%)
- Magenta (31%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.4964, 0.3730, 0.3811 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 45.4964, 0.3730, 0.3811 by changing the saturation by 10% instead.


 45.4964, 0.3730,
0.3811

 45.4964, 0.3730,
0.3811


368.7803, 0.3428,
0.3555

 31.8486, 0.3804,
0.3873


 83.4648, 0.3621,
0.3719

 21.2459, 0.3899,
0.3950


 108.5542, 0.3580,
0.3684

 13.3039, 0.4023,
0.4050


 138.2263, 0.3545,
0.3655

 7.6381, 0.4190,
0.4181

172.8654, 0.3515,
0.3629

 3.8643, 0.4424,
0.4356

212.8560, 0.3489,
0.3607

 1.5979, 0.5095,
0.4905

258.5824, 0.3466,

 0.3562, 0.5474,

0.3587

0.4526

310.4290, 0.3446,
0.3570

0.0000, 0.0000,
0.0000

45.4964, 0.3730,
0.3811

45.4964, 0.3730,
0.3811

41.9115, 0.3948,
0.3968

49.3823, 0.3528,
0.3651

38.6120, 0.4177,
0.4112

53.5718, 0.3345,
0.3493

35.5897, 0.4409,
0.4233


58.0755, 0.3180,
0.3341


32.8335, 0.4635,
0.4320


62.9012, 0.3034,
0.3198

30.3312, 0.4841,
0.4360

68.0568, 0.2904,
0.3065


 28.0684, 0.5016,
0.4349

 73.4324, 0.2800,
0.2961

 26.7120, 0.5116,
0.4320

 77.8793, 0.2806,
0.3049

 82.5346, 0.2812,
0.3136

 87.4010, 0.2817,
0.3222

Harmonies

Analogous

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



45.4964, 0.3828, 0.3575



45.4964, 0.3730, 0.3811



45.4964, 0.3468, 0.3919

Triad

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



45.4964, 0.3730, 0.3811



45.4964, 0.2560, 0.3246



45.4964, 0.3099, 0.2812

Complementary

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



45.4964, 0.3730, 0.3811



35.3080, 0.2581, 0.2705

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.



45.4964, 0.2770, 0.2718



45.4964, 0.3730, 0.3811



45.4964, 0.2473, 0.2945

Square

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



45.4964, 0.3730, 0.3811



45.4964, 0.2793, 0.3584



45.4964, 0.2547, 0.2761



45.4964, 0.3453, 0.3016

Rectangle

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



45.4964, 0.3730, 0.3811



45.4964, 0.3242, 0.3889



45.4964, 0.2547, 0.2761



45.4964, 0.2982, 0.2767

Sweetspot

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



45.4985, 0.3730, 0.3811



92.1729, 0.3287, 0.3441



32.6422, 0.3590, 0.2942



19.5027, 0.3312, 0.3463



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.



45.4985, 0.3730, 0.3811



71.9016, 0.3882, 0.3922



56.2308, 0.3570, 0.4135



12.3198, 0.3275, 0.3430



17.1794, 0.5100, 0.4332



1.0320, 0.4877, 0.4509

Inverse Universe

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



35.3080, 0.2581, 0.2705



52.3580, 0.2460, 0.2557



27.3737, 0.2588, 0.2317



11.5629, 0.2983, 0.3146



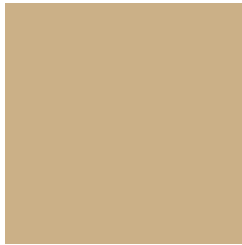
6.6204, 0.1686, 0.1269



0.4886, 0.1796, 0.1663

Previews

White Background



This preview shows how the Yxy color 45.4964, 0.3730, 0.3811 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 45.4964, 0.3730, 0.3811 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

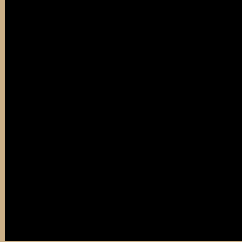
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.4964, 0.3730, 0.3811

Background



This preview shows how black text looks on a background with the Yxy color 45.4964, 0.3730, 0.3811.



This preview shows how white text looks on a background with the Yxy color 45.4964, 0.3730, 0.3811.

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

45.4964, 0.3730, 0.3811

Protanopia

45.6551, 0.3594, 0.3854

Deuteranopia

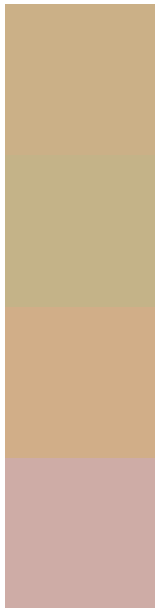
45.6618, 0.3819, 0.3747



Tritanopia

45.5782, 0.3362, 0.3132

Trichromacy



Original Color

45.4964, 0.3730, 0.3811

Protanomaly

45.7535, 0.3643, 0.3847

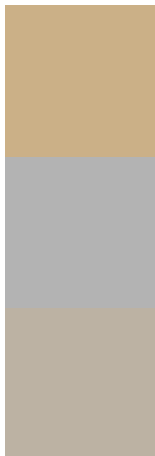
Deuteranomaly

45.6050, 0.3786, 0.3764

Tritanomaly

45.3800, 0.3493, 0.3366

Monochromacy



Original Color

45.4964, 0.3730, 0.3811

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

45.1765, 0.3340, 0.3488

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.4964, 0.3730, 0.3811 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, 176, 135)` looks like.

```
.text, #text, p{  
    color:rgb(203, 176, 135)  
}
```

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, 176, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 176, 135) }
```

Border

The CSS property to change the border of an element to Yxy 45.4964, 0.3730, 0.3811 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, 176, 135) }
```

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

```
.border{ border-color:rgb(203, 176, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 176, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 176, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 176, 135);  
box-shadow:4px 4px 4px 4px rgb(203, 176,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 45.4964, 0.3730, 0.3811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 176, 135) }
```

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

```
.background{ background-color: rgb(203,  
176, 135) }
```

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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