

Converting Colors

$Yxy(44.7847, 0.3748, 0.3801)$

Have a look what the booklet for
Yxy(44.7847, 0.3748, 0.3801)
contains.

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Color

Yxy(44.6898, 0.3747, 0.3800)

Conversions

Conversions Part 1

Format	Color
Hex	CBAE86
RGB	203, 174, 134
RGB Percent	80%, 68%, 53%
CMY	0.2039, 0.3176, 0.4746
CMYK	0.00, 0.14, 0.34, 0.20
HSL	35°, 40%, 66%
HSV	35°, 34%, 80%
XYZ	44.0665, 44.6898, 28.8484
YIQ	178.1110, 30.1240, -6.2920

Conversions

Conversions Part 2

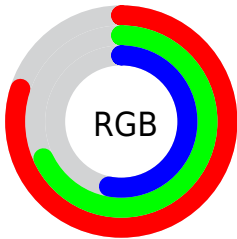
Format	Color
RYB	184, 203, 134
Decimal	13348486
CIELab	72.69, 4.71, 24.45
CIELCh	73, 24.904, 79.093
Yxy	44.6898, 0.3747, 0.3800
Android (android.graphics.Color)	4291538566 (0xFFCBAE86)
YUV	178.1110, -21.7467, 21.8277
Hunter-Lab	66.8504, 0.6755, 21.2095

Details

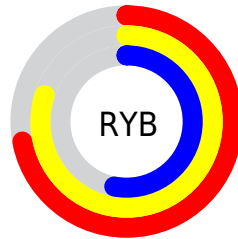
The Yxy color **44.6898, 0.3747, 0.3800** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **35.5622, 0.2575, 0.2718**, and the grayscale version is **44.6881, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.8865, 0.3595, 0.3717**, and **20.8551, 0.3923, 0.3939** is the 20% darker color. If you saturate the color by 10%, you get **40.9877, 0.3970, 0.3951**, and if you desaturate by 10%, it is **48.7139, 0.3541, 0.3645**.

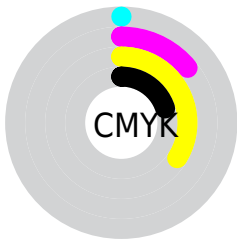
Distribution



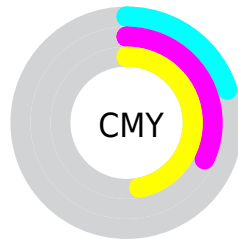
- Red (80%)
- Green (68%)
- Blue (53%)



- Red (72%)
- Yellow (80%)
- Blue (53%)



- Cyan (0%)
- Magenta (14%)
- Yellow (34%)
- Black (20%)





- Cyan (20%)
- Magenta (32%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.6898, 0.3747, 0.3800 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 44.6898, 0.3747, 0.3800 by changing the saturation by 10% instead.


 44.6898, 0.3747,
0.3800


 44.6898, 0.3747,
0.3800


365.5158, 0.3436,
0.3549


 31.2132, 0.3824,
0.3860


 82.2547, 0.3634,
0.3710

 20.7612, 0.3923,
0.3936


 107.1118, 0.3592,
0.3676

 12.9496, 0.4052,
0.4033


 136.5312, 0.3556,
0.3647

 7.3938, 0.4227,
0.4161

170.8972, 0.3525,
0.3622

 3.7096, 0.4473,
0.4329

210.5943, 0.3498,
0.3600

 1.5125, 0.5153,
0.4847

256.0068, 0.3475,

 0.2975, 0.5721,

0.3581

0.4279

307.5192, 0.3454,
0.3564

■ 0.0000, 0.0000,
0.0000

■ 44.6898, 0.3747,
0.3800

■ 44.6898, 0.3747,
0.3800

■ 40.9877, 0.3970,
0.3951

■ 48.7139, 0.3541,
0.3645

■ 37.5914, 0.4207,
0.4089

■ 53.0634, 0.3355,
0.3493

■ 34.4920, 0.4448,
0.4205

■ 57.7493, 0.3188,
0.3346

■ 31.6779, 0.4684,
0.4284

■ 62.7802, 0.3041,
0.3208

■ 29.1358, 0.4900,
0.4318

■ 68.1642, 0.2911,
0.3080

■ 26.8506, 0.5084,
0.4298

■ 73.8591, 0.2801,
0.2970

■ 25.5897, 0.5182,
0.4267

■ 78.5901, 0.2807,
0.3063

■ 83.5547, 0.2813,
0.3155

■ 88.7561, 0.2819,
0.3245

Harmonies

Analogous

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



44.6898, 0.3832, 0.3557



44.6898, 0.3747, 0.3800



44.6898, 0.3493, 0.3921

Triad

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



44.6898, 0.3747, 0.3800



44.6898, 0.2569, 0.3270



44.6898, 0.3072, 0.2798

Complementary

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



44.6898, 0.3747, 0.3800



35.5622, 0.2575, 0.2718

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.



44.6898, 0.2747, 0.2713



44.6898, 0.3747, 0.3800



44.6898, 0.2470, 0.2962

Square

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



44.6898, 0.3747, 0.3800



44.6898, 0.2813, 0.3609



44.6898, 0.2533, 0.2766



44.6898, 0.3430, 0.2996

Rectangle

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



44.6898, 0.3747, 0.3800



44.6898, 0.3269, 0.3900



44.6898, 0.2533, 0.2766



44.6898, 0.2956, 0.2756

Sweetspot

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



44.6919, 0.3747, 0.3800



91.8202, 0.3288, 0.3435



32.4166, 0.3574, 0.2908



19.4173, 0.3312, 0.3456



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.



44.6919, 0.3747, 0.3800



70.1062, 0.3914, 0.3915



56.4931, 0.3596, 0.4141



12.2762, 0.3276, 0.3424



16.4686, 0.5165, 0.4281



0.9977, 0.4925, 0.4471

Inverse Universe

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



35.5622, 0.2575, 0.2718



52.4940, 0.2447, 0.2565



26.8082, 0.2558, 0.2295



11.6055, 0.2983, 0.3152



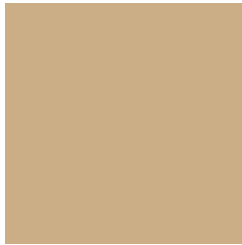
7.0775, 0.1705, 0.1337



0.5141, 0.1813, 0.1725

Previews

White Background



This preview shows how the Yxy color 44.6898, 0.3747, 0.3800 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 44.6898, 0.3747, 0.3800 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 44.6898, 0.3747, 0.3800

Background



This preview shows how black text looks on a background with the Yxy color 44.6898, 0.3747, 0.3800.



This preview shows how white text looks on a background with the Yxy color 44.6898, 0.3747, 0.3800.

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

44.6898, 0.3747, 0.3800

Protanopia

44.6947, 0.3600, 0.3844

Deuteranopia

44.5767, 0.3818, 0.3739



Tritanopia

44.7514, 0.3384, 0.3131

Trichromacy



Original Color

44.6898, 0.3747, 0.3800

Protanomaly

44.7957, 0.3650, 0.3838

Deuteranomaly

44.5197, 0.3785, 0.3756

Tritanomaly

44.5516, 0.3516, 0.3366

Monochromacy



Original Color

44.6898, 0.3747, 0.3800

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.6177, 0.3342, 0.3489

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.6898, 0.3747, 0.3800 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, 174, 134)` looks like.

```
.text, #text, p{  
    color:rgb(203, 174, 134)  
}
```

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, 174, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 174, 134) }
```

Border

The CSS property to change the border of an element to Yxy 44.6898, 0.3747, 0.3800 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, 174, 134) }
```

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

```
.border{ border-color:rgb(203, 174, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 174, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 174, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 174, 134);  
box-shadow:4px 4px 4px 4px rgb(203, 174,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 44.6898, 0.3747, 0.3800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 174, 134) }
```

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

```
.background{ background-color: rgb(203,  
174, 134) }
```

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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