

Converting Colors

$Yxy(39.9083, 0.3840, 0.3869)$

Have a look what the booklet for
Yxy(39.9083, 0.3840, 0.3869)
contains.

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Color

Yxy(40.0265, 0.3836, 0.3870)

Conversions

Conversions Part 1

Format	Color
Hex	C4A579
RGB	196, 165, 121
RGB Percent	77%, 65%, 47%
CMY	0.2313, 0.3529, 0.5255
CMYK	0.00, 0.16, 0.38, 0.23
HSL	35°, 39%, 62%
HSV	35°, 38%, 77%
XYZ	39.6748, 40.0265, 23.7263
YIQ	169.2530, 32.6000, -7.1120

Conversions

Conversions Part 2

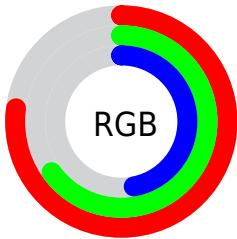
Format	Color
RYB	174, 196, 121
Decimal	12887417
CIELab	69.49, 5.19, 27.04
CIELCh	69, 27.536, 79.132
Yxy	40.0265, 0.3836, 0.3870
Android (android.graphics.Color)	4291077497 (0xFFC4A579)
YUV	169.2530, -23.7887, 23.4571
Hunter-Lab	63.2665, 1.2222, 22.0515

Details

The Yxy color **40.0265, 0.3836, 0.3870** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **30.5172, 0.2503, 0.2626**, and the grayscale version is **39.9179, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.3132, 0.3704, 0.3764**, and **17.9409, 0.4045, 0.4019** is the 20% darker color. If you saturate the color by 10%, you get **36.7631, 0.4063, 0.4018**, and if you desaturate by 10%, it is **43.5767, 0.3624, 0.3715**.

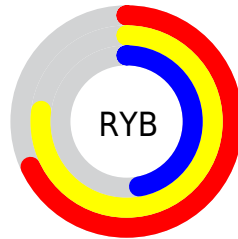
Distribution



Red (77%)

Green (65%)

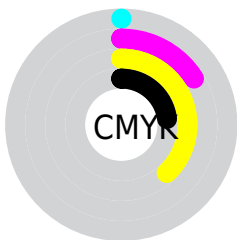
Blue (47%)



Red (68%)

Yellow (77%)

Blue (47%)

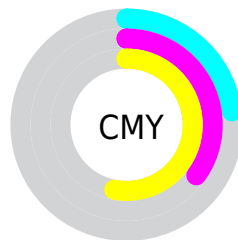


Cyan (0%)

Magenta (16%)

Yellow (38%)

Black (23%)



Cyan (23%)


Magenta (35%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.0265, 0.3836, 0.3870 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 40.0265, 0.3836, 0.3870 by changing the saturation by 10% instead.

 40.0265, 0.3836,
0.3870

 40.0265, 0.3836,
0.3870

346.2353, 0.3474,
0.3581

 27.5592, 0.3927,
0.3940


 75.2039, 0.3704,
0.3766

 17.9936, 0.4043,
0.4028


 98.6827, 0.3654,
0.3727

 10.9454, 0.4196,
0.4140


 126.6009, 0.3612,
0.3693

 6.0301, 0.4404,
0.4284

159.3428, 0.3577,
0.3665

 2.8634, 0.4752,
0.4523

197.2928, 0.3546,
0.3640

 1.0608, 0.5219,
0.4781

240.8352, 0.3519,

 0.0000, 1.0000,

0.3618

0.0000

290.3546, 0.3495,
0.3598

0.0000, 0.0000,
0.0000

40.0265, 0.3836,
0.3870

40.0265, 0.3836,
0.3870

36.7631, 0.4063,
0.4018

43.5767, 0.3624,
0.3715

33.7716, 0.4300,
0.4149

47.4168, 0.3431,
0.3559

31.0437, 0.4537,
0.4253

51.5571, 0.3257,
0.3409

28.5683, 0.4763,
0.4316

56.0054, 0.3102,
0.3266

26.3329, 0.4963,
0.4329

60.7691, 0.2965,
0.3132

■ 24.3200, 0.5132,
0.4293

■ 65.8556, 0.2844,
0.3008

■ 23.9897, 0.5161,
0.4284

■ 71.0626, 0.2755,
0.2928

■ 75.4660, 0.2762,
0.3018

■ 80.0791, 0.2769,
0.3107

Harmonies

Analogous

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



40.0265, 0.3936, 0.3589



40.0265, 0.3836, 0.3870



40.0265, 0.3543, 0.4015

Triad

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



40.0265, 0.3836, 0.3870



40.0265, 0.2490, 0.3263



40.0265, 0.3063, 0.2732

Complementary

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



40.0265, 0.3836, 0.3870



30.5172, 0.2503, 0.2626

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.



40.0265, 0.2693, 0.2635



40.0265, 0.3836, 0.3870



40.0265, 0.2380, 0.2910

Square

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



40.0265, 0.3836, 0.3870



40.0265, 0.2766, 0.3658



40.0265, 0.2451, 0.2691



40.0265, 0.3474, 0.2956

Rectangle

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



40.0265, 0.3836, 0.3870



40.0265, 0.3285, 0.3995



40.0265, 0.2451, 0.2691



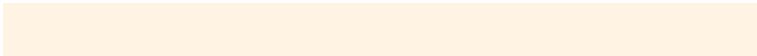
40.0265, 0.2930, 0.2684

Sweetspot

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



40.0284, 0.3836, 0.3870



91.1444, 0.3305, 0.3452



27.6905, 0.3666, 0.2876



19.2853, 0.3329, 0.3473



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.



40.0284, 0.3836, 0.3870



67.4664, 0.4027, 0.3996



51.7851, 0.3640, 0.4248



11.0374, 0.3275, 0.3425



15.5846, 0.5143, 0.4298



0.8066, 0.4877, 0.4509

Inverse Universe

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



30.5172, 0.2503, 0.2626



47.8030, 0.2360, 0.2448



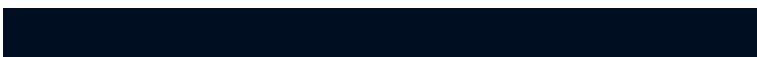
22.1952, 0.2486, 0.2156



10.4169, 0.2984, 0.3151



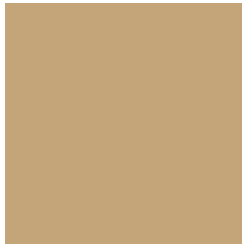
6.5082, 0.1700, 0.1321



0.4169, 0.1825, 0.1771

Previews

White Background



This preview shows how the Yxy color 40.0265, 0.3836, 0.3870 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 40.0265, 0.3836, 0.3870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

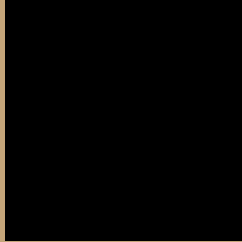
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.0265, 0.3836, 0.3870

Background



This preview shows how black text looks on a background with the Yxy color 40.0265, 0.3836, 0.3870.



This preview shows how white text looks on a background with the Yxy color 40.0265, 0.3836, 0.3870.

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

40.0265, 0.3836, 0.3870

Protanopia

40.2468, 0.3665, 0.3936

Deuteranopia

40.1314, 0.3906, 0.3832



Tritanopia

39.8115, 0.3428, 0.3125

Trichromacy



Original Color

40.0265, 0.3836, 0.3870

Protanomaly

40.1018, 0.3732, 0.3913

Deuteranomaly

40.2108, 0.3881, 0.3849

Tritanomaly

39.9318, 0.3575, 0.3395

Monochromacy



Original Color

40.0265, 0.3836, 0.3870

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.8560, 0.3371, 0.3512

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.0265, 0.3836, 0.3870 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(196, 165, 121)` looks like.

```
.text, #text, p{  
    color:rgb(196, 165, 121)  
}
```

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(196, 165, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 165, 121) }
```

Border

The CSS property to change the border of an element to Yxy 40.0265, 0.3836, 0.3870 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(196, 165, 121) }
```

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

```
.border{ border-color:rgb(196, 165, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 165, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 165, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 165, 121);  
box-shadow:4px 4px 4px 4px rgb(196, 165,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 40.0265, 0.3836, 0.3870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 165, 121) }
```

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

```
.background{ background-color: rgb(196,  
165, 121) }
```

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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