

Converting Colors

$Yxy(39.8961, 0.4231, 0.3791)$

Have a look what the booklet for
Yxy(39.8961, 0.4231, 0.3791)
contains.

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Color

Yxy(39.9847, 0.4229, 0.3803)

Conversions

Conversions Part 1

Format	Color
Hex	DD9B70
RGB	221, 155, 112
RGB Percent	87%, 61%, 44%
CMY	0.1333, 0.3921, 0.5609
CMYK	0.00, 0.30, 0.49, 0.13
HSL	24°, 62%, 65%
HSV	24°, 49%, 87%
XYZ	44.4637, 39.9847, 20.6915
YIQ	169.8320, 53.1390, 0.6190

Conversions

Conversions Part 2

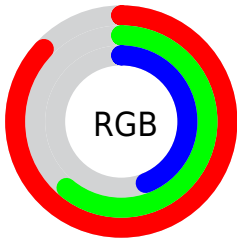
Format	Color
R _Y B	221, 183, 112
Decimal	14523248
CIE Lab	69.46, 19.79, 32.36
CIE LCh	69, 37.928, 58.553
Yxy	39.9847, 0.4229, 0.3803
Android (android.graphics.Color)	4292713328 (0xFFDD9B70)
YUV	169.8320, -28.5112, 44.8743
Hunter-Lab	63.2335, 14.8567, 24.8623

Details

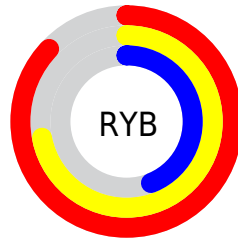
The Yxy color **39.9847, 0.4229, 0.3803** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **40.4860, 0.2369, 0.2691**, and the grayscale version is **40.2349, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.0335, 0.3818, 0.3767**, and **18.0460, 0.4547, 0.3916** is the 20% darker color. If you saturate the color by 10%, you get **35.3449, 0.4540, 0.3888**, and if you desaturate by 10%, it is **45.2424, 0.3944, 0.3702**.

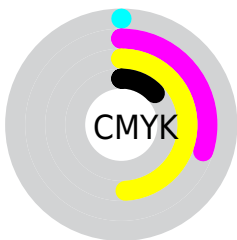
Distribution



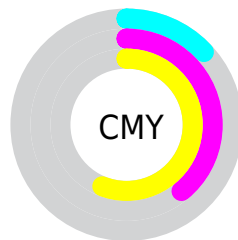
- Red (87%)
- Green (61%)
- Blue (44%)



- Red (87%)
- Yellow (72%)
- Blue (44%)



- Cyan (0%)
- Magenta (30%)
- Yellow (49%)
- Black (13%)





- Cyan (13%)
- Magenta (39%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.9847, 0.4229, 0.3803 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 39.9847, 0.4229, 0.3803 by changing the saturation by 10% instead.


 39.9847, 0.4229,
0.3803

 39.9847, 0.4229,
0.3803

346.0591, 0.3665,
0.3568


 27.5266, 0.4370,
0.3851


 75.1402, 0.4023,
0.3725


 17.9691, 0.4550,
0.3906


 98.6064, 0.3946,
0.3693

 10.9278, 0.4784,
0.3965


 126.5108, 0.3880,
0.3665

 6.0183, 0.5097,
0.4018

 159.2378, 0.3825,
0.3641

 2.8562, 0.5709,
0.4169

197.1717, 0.3776,
0.3620

 1.0571, 0.6098,
0.3902

240.6969, 0.3734,

 0.0000, 1.0000,

0.3601


0.0000


290.1979, 0.3697,
0.3584


 0.0000, 0.0000,
0.0000


 39.9847, 0.4229,
0.3803


 39.9847, 0.4229,
0.3803


 35.3449, 0.4540,
0.3888


 45.2424, 0.3944,
0.3702


 31.2922, 0.4866,
0.3944

 51.1355, 0.3691,
0.3594


 27.8013, 0.5187,
0.3959


 57.6879, 0.3470,
0.3486


 24.8423, 0.5476,
0.3923


 64.9206, 0.3280,
0.3382


 22.3764, 0.5716,
0.3838

 72.8533, 0.3117,
0.3284

 22.2288, 0.5731,
0.3832

 81.5050, 0.2978,
0.3193

 90.1200, 0.2921,
0.3225

 94.1126, 0.2923,
0.3289

Harmonies

Analogous

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



39.9847, 0.4154, 0.3371



39.9847, 0.4229, 0.3803



39.9847, 0.3985, 0.4160

Triad

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



39.9847, 0.4229, 0.3803



39.9847, 0.2492, 0.3631



39.9847, 0.2674, 0.2436

Complementary

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



39.9847, 0.4229, 0.3803



40.4860, 0.2369, 0.2691

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.



39.9847, 0.2296, 0.2435



39.9847, 0.4229, 0.3803



39.9847, 0.2196, 0.3070

Square

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



39.9847, 0.4229, 0.3803



39.9847, 0.2971, 0.4119



39.9847, 0.2130, 0.2645



39.9847, 0.3209, 0.2623

Rectangle

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



39.9847, 0.4229, 0.3803



39.9847, 0.3691, 0.4291



39.9847, 0.2130, 0.2645



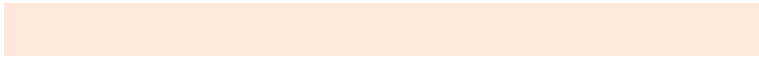
39.9847, 0.2527, 0.2414

Sweetspot

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



39.9867, 0.4229, 0.3803



83.8856, 0.3387, 0.3441



30.2151, 0.3639, 0.2512



17.5080, 0.3428, 0.3464



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.



39.9867, 0.4229, 0.3803



48.8013, 0.4545, 0.3889



61.7906, 0.3913, 0.4367



13.8906, 0.3282, 0.3383



13.1192, 0.5703, 0.3853



1.0150, 0.5403, 0.4092

Inverse Universe

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



40.4860, 0.2369, 0.2691



49.4987, 0.2231, 0.2540



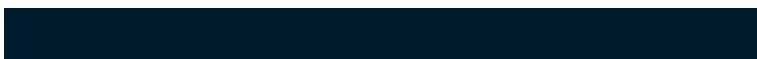
23.2496, 0.2220, 0.1910



13.9219, 0.2982, 0.3195



13.1249, 0.1875, 0.1949



1.0166, 0.1942, 0.2190

Previews

White Background



This preview shows how the Yxy color 39.9847, 0.4229, 0.3803 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 39.9847, 0.4229, 0.3803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

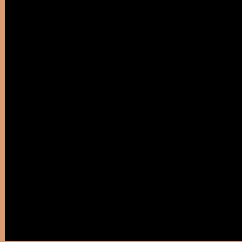
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.9847, 0.4229, 0.3803

Background



This preview shows how black text looks on a background with the Yxy color 39.9847, 0.4229, 0.3803.



This preview shows how white text looks on a background with the Yxy color 39.9847, 0.4229, 0.3803.

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

39.9847, 0.4229, 0.3803

Protanopia

40.2478, 0.3719, 0.4001

Deuteranopia

39.8038, 0.4034, 0.3951



Tritanopia

40.0405, 0.3802, 0.3162

Trichromacy



Original Color

39.9847, 0.4229, 0.3803

Protanomaly

40.0415, 0.3892, 0.3932

Deuteranomaly

39.6456, 0.4103, 0.3888

Tritanomaly

39.9637, 0.3964, 0.3388

Monochromacy



Original Color

39.9847, 0.4229, 0.3803

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.8990, 0.3503, 0.3506

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.9847, 0.4229, 0.3803 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(221, 155, 112)` looks like.

```
.text, #text, p{  
    color:rgb(221, 155, 112)  
}
```

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(221, 155, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 155, 112) }
```

Border

The CSS property to change the border of an element to Yxy 39.9847, 0.4229, 0.3803 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(221, 155, 112) }
```

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

```
.border{ border-color:rgb(221, 155, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 155, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 155, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 155, 112);  
box-shadow:4px 4px 4px 4px rgb(221, 155,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 39.9847, 0.4229, 0.3803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 155, 112) }
```

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

```
.background{ background-color: rgb(221,  
155, 112) }
```

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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