

Converting Colors

$Yxy(44.7440, 0.3799, 0.3612)$

Have a look what the booklet for
Yxy(44.7440, 0.3799, 0.3612)
contains.

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Color

Yxy(44.8062, 0.3800, 0.3610)

Conversions

Conversions Part 1

Format	Color
Hex	D7A98F
RGB	215, 169, 143
RGB Percent	84%, 66%, 56%
CMY	0.1570, 0.3372, 0.4392
CMYK	0.00, 0.21, 0.33, 0.16
HSL	22°, 47%, 70%
HSV	22°, 33%, 84%
XYZ	47.1644, 44.8062, 32.1463
YIQ	179.7900, 35.7620, 1.6660

Conversions

Conversions Part 2

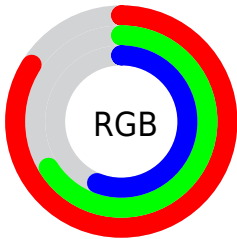
Format	Color
RYB	215, 184, 143
Decimal	14133647
CIELab	72.76, 13.24, 19.87
CIElCh	73, 23.877, 56.311
Yxy	44.8062, 0.3800, 0.3610
Android (android.graphics.Color)	4292323727 (0xFFD7A98F)
YUV	179.7900, -18.1375, 30.8792
Hunter-Lab	66.9374, 8.6314, 18.3826

Details

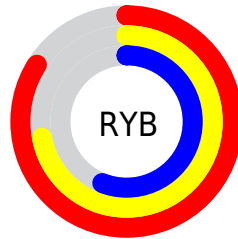
The Yxy color **44.8062, 0.3800, 0.3610** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.1193, 0.2610, 0.2944**, and the grayscale version is **45.6081, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.6025, 0.3537, 0.3565**, and **20.8838, 0.3991, 0.3682** is the 20% darker color. If you saturate the color by 10%, you get **39.3755, 0.4074, 0.3707**, and if you desaturate by 10%, it is **50.9022, 0.3561, 0.3510**.

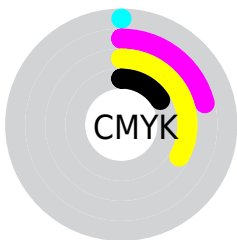
Distribution



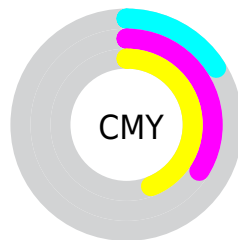
- Red (84%)
- Green (66%)
- Blue (56%)



- Red (84%)
- Yellow (72%)
- Blue (56%)



- Cyan (0%)
- Magenta (21%)
- Yellow (33%)
- Black (16%)





- Cyan (16%)
- Magenta (34%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.8062, 0.3800, 0.3610 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 44.8062, 0.3800, 0.3610 by changing the saturation by 10% instead.


 44.8062, 0.3800,
0.3610

 44.8062, 0.3800,
0.3610


365.9881, 0.3459,
0.3458

 31.3048, 0.3886,
0.3645


 82.4295, 0.3675,
0.3557

 20.8311, 0.3996,
0.3688


 107.3202, 0.3629,
0.3536

 13.0006, 0.4143,
0.3741


136.7762, 0.3589,
0.3519

 7.4289, 0.4347,
0.3807

171.1817, 0.3556,
0.3503

 3.7318, 0.4644,
0.3887

210.9213, 0.3527,
0.3490

 1.5247, 0.5399,
0.4190

256.3793, 0.3501,

 0.3060, 0.6674,

0.3478

0.3326

307.9401, 0.3479,
0.3467

0.0000, 0.0000,
0.0000

44.8062, 0.3800,
0.3610

44.8062, 0.3800,
0.3610

39.3755, 0.4074,
0.3707

50.9022, 0.3561,
0.3510

34.5800, 0.4381,
0.3794

57.6794, 0.3357,
0.3413

30.3969, 0.4714,
0.3861

65.1612, 0.3182,
0.3321

26.7988, 0.5056,
0.3895

73.3679, 0.3033,
0.3235

23.7564, 0.5383,
0.3884

82.3188, 0.2906,
0.3156

■ 21.2367, 0.5664,
0.3822

■ 90.8902, 0.2887,
0.3252

■ 19.8519, 0.5820,
0.3761

■ 93.1834, 0.2888,
0.3289

Harmonies

Analogous

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



44.8062, 0.3734, 0.3336



44.8062, 0.3800, 0.3610



44.8062, 0.3675, 0.3821

Triad

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



44.8062, 0.3800, 0.3610



44.8062, 0.2759, 0.3521



44.8062, 0.2831, 0.2744

Complementary

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



44.8062, 0.3800, 0.3610



47.1193, 0.2610, 0.2944

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.



44.8062, 0.2594, 0.2763



44.8062, 0.3800, 0.3610



44.8062, 0.2555, 0.3194

Square

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



44.8062, 0.3800, 0.3610



44.8062, 0.3068, 0.3788



44.8062, 0.2496, 0.2919



44.8062, 0.3158, 0.2855

Rectangle

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



44.8062, 0.3800, 0.3610



44.8062, 0.3506, 0.3890



44.8062, 0.2496, 0.2919



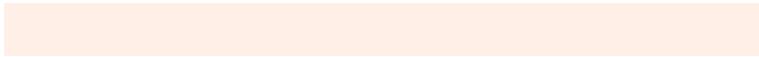
44.8062, 0.2739, 0.2735

Sweetspot

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



44.8083, 0.3800, 0.3610



88.5134, 0.3294, 0.3381



37.7947, 0.3406, 0.2733



18.6185, 0.3320, 0.3394



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.



44.8083, 0.3800, 0.3610



60.3324, 0.3985, 0.3678



59.6969, 0.3667, 0.4008



13.1484, 0.3282, 0.3375



12.0608, 0.5793, 0.3782



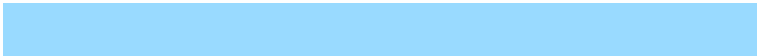
0.8821, 0.5463, 0.4044

Inverse Universe

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



47.1193, 0.2610, 0.2944



64.2004, 0.2507, 0.2859



33.7865, 0.2547, 0.2451



13.3176, 0.2982, 0.3204



13.8901, 0.1908, 0.2068



0.9923, 0.1973, 0.2303

Previews

White Background



This preview shows how the Yxy color 44.8062, 0.3800, 0.3610 looks on a white background.

Color Contrast Check

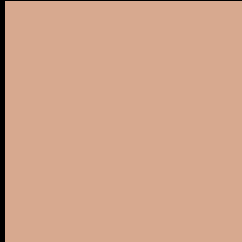
Large Text (above 18pt) WCAG AA × Fail

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 44.8062, 0.3800, 0.3610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

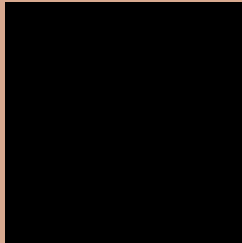
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.8062, 0.3800, 0.3610

Background



This preview shows how black text looks on a background with the Yxy color 44.8062, 0.3800, 0.3610.



This preview shows how white text looks on a background with the Yxy color 44.8062, 0.3800, 0.3610.

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

44.8062, 0.3800, 0.3610

Protanopia

44.7662, 0.3487, 0.3701

Deuteranopia

44.8679, 0.3731, 0.3667



Tritanopia

44.7853, 0.3531, 0.3136

Trichromacy



Original Color

44.8062, 0.3800, 0.3610

Protanomaly

44.7410, 0.3589, 0.3665

Deuteranomaly

44.9277, 0.3763, 0.3651

Tritanomaly

44.8945, 0.3631, 0.3304

Monochromacy



Original Color

44.8062, 0.3800, 0.3610

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.1781, 0.3355, 0.3407

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.8062, 0.3800, 0.3610 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(215, 169, 143)` looks like.

```
.text, #text, p{  
    color:rgb(215, 169, 143)  
}
```

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(215, 169, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 169, 143) }
```

Border

The CSS property to change the border of an element to Yxy 44.8062, 0.3800, 0.3610 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(215, 169, 143) }
```

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

```
.border{ border-color:rgb(215, 169, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 169, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 169, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 169, 143);  
box-shadow:4px 4px 4px 4px rgb(215, 169,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 44.8062, 0.3800, 0.3610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 169, 143) }
```

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

```
.background{ background-color: rgb(215,  
169, 143) }
```

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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