

Converting Colors

$Yxy(43.8876, 0.3820, 0.3671)$

Have a look what the booklet for
Yxy(43.8876, 0.3820, 0.3671)
contains.

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Color

Yxy(43.8373, 0.3822, 0.3663)

Conversions

Conversions Part 1

Format	Color
Hex	D4A88A
RGB	212, 168, 138
RGB Percent	83%, 66%, 54%
CMY	0.1687, 0.3411, 0.4588
CMYK	0.00, 0.21, 0.35, 0.17
HSL	24°, 46%, 69%
HSV	24°, 35%, 83%
XYZ	45.7401, 43.8373, 30.0985
YIQ	177.7360, 35.8540, -0.0020

Conversions

Conversions Part 2

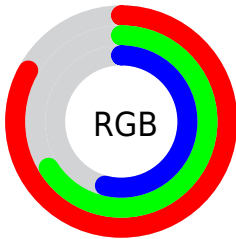
Format	Color
RYB	212, 188, 138
Decimal	13936778
CIELab	72.12, 12.00, 21.65
CIElCh	72, 24.748, 61.004
Yxy	43.8373, 0.3822, 0.3663
Android (android.graphics.Color)	4292126858 (0xFFD4A88A)
YUV	177.7360, -19.5898, 30.0495
Hunter-Lab	66.2097, 7.4474, 19.3940

Details

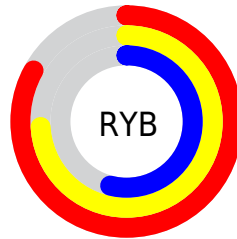
The Yxy color $43.8373, 0.3822, 0.3663$ is a light color, and the websafe version is hex `CC9966`. A complement of this color would be $43.6102, 0.2583, 0.2882$, and the grayscale version is $44.4664, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.8411, 0.3575, 0.3607$, and $20.2633, 0.4023, 0.3754$ is the 20% darker color. If you saturate the color by 10%, you get $38.8534, 0.4089, 0.3771$, and if you desaturate by 10%, it is $49.3962, 0.3586, 0.3552$.

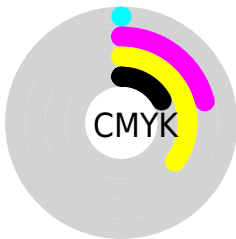
Distribution



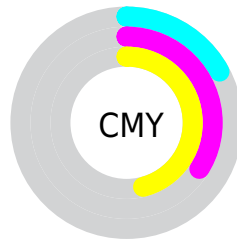
- Red (83%)
- Green (66%)
- Blue (54%)



- Red (83%)
- Yellow (74%)
- Blue (54%)



- Cyan (0%)
- Magenta (21%)
- Yellow (35%)
- Black (17%)




- Cyan (17%)
- Magenta (34%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.8373, 0.3822, 0.3663 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 43.8373, 0.3822, 0.3663 by changing the saturation by 10% instead.


 43.8373, 0.3822,
0.3663

 43.8373, 0.3822,
0.3663


362.0439, 0.3469,
0.3484


 30.5426, 0.3911,
0.3704


 80.9729, 0.3693,
0.3600

 20.2508, 0.4025,
0.3756


 105.5825, 0.3645,
0.3576

 12.5775, 0.4177,
0.3819

 134.7327, 0.3604,
0.3555

 7.1383, 0.4387,
0.3899

168.8076, 0.3569,
0.3537

 3.5487, 0.4692,
0.3996

208.1919, 0.3539,
0.3521

 1.4245, 0.5578,
0.4422

253.2697, 0.3513,

 0.2347, 0.6874,

0.3507

0.3126

304.4256, 0.3490,
0.3495

0.0000, 0.0000,
0.0000

43.8373, 0.3822,
0.3663

43.8373, 0.3822,
0.3663

38.8534, 0.4089,
0.3771

49.3962, 0.3586,
0.3552

34.4186, 0.4385,
0.3867

55.5427, 0.3381,
0.3443

30.5139, 0.4701,
0.3940

62.2965, 0.3204,
0.3339

27.1166, 0.5021,
0.3978

69.6746, 0.3053,
0.3241

24.2017, 0.5322,
0.3968

77.6933, 0.2923,
0.3151

■ 21.7414, 0.5580,
0.3905

■ 85.6933, 0.2866,
0.3172

■ 20.6449, 0.5696,
0.3859

■ 92.7358, 0.2872,
0.3289

Harmonies

Analogous

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



43.8373, 0.3785, 0.3383



43.8373, 0.3822, 0.3663



43.8373, 0.3663, 0.3867

Triad

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



43.8373, 0.3822, 0.3663



43.8373, 0.2701, 0.3479



43.8373, 0.2867, 0.2732

Complementary

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



43.8373, 0.3822, 0.3663



43.6102, 0.2583, 0.2882

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.



43.8373, 0.2602, 0.2728



43.8373, 0.3822, 0.3663



43.8373, 0.2510, 0.3138

Square

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



43.8373, 0.3822, 0.3663



43.8373, 0.3010, 0.3777



43.8373, 0.2476, 0.2868



43.8373, 0.3216, 0.2865

Rectangle

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



43.8373, 0.3822, 0.3663



43.8373, 0.3473, 0.3923



43.8373, 0.2476, 0.2868



43.8373, 0.2765, 0.2715

Sweetspot

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



43.8394, 0.3822, 0.3663



89.1710, 0.3293, 0.3392



35.5694, 0.3460, 0.2751



18.7770, 0.3318, 0.3407



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.



43.8394, 0.3822, 0.3663



60.7995, 0.4021, 0.3745



59.2995, 0.3676, 0.4077



13.2393, 0.3281, 0.3385



12.9315, 0.5671, 0.3879



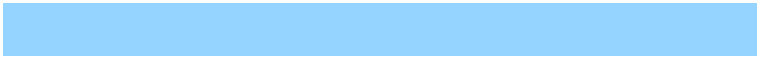
0.9402, 0.5358, 0.4128

Inverse Universe

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



43.6102, 0.2583, 0.2882



60.3801, 0.2468, 0.2776



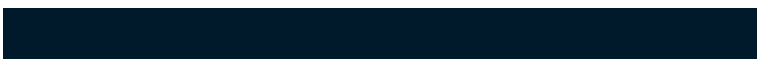
30.5328, 0.2513, 0.2357



13.2239, 0.2982, 0.3193



12.3536, 0.1865, 0.1912



0.9057, 0.1938, 0.2175

Previews

White Background



This preview shows how the Yxy color 43.8373, 0.3822, 0.3663 looks on a white background.

Color Contrast Check

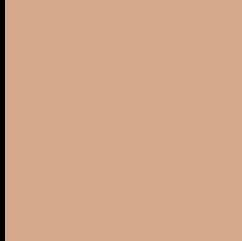
Large Text (above 18pt) WCAG AA × Fail

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 43.8373, 0.3822, 0.3663 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

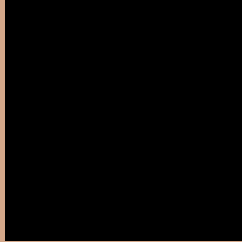
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.8373, 0.3822, 0.3663

Background



This preview shows how black text looks on a background with the Yxy color 43.8373, 0.3822, 0.3663.



This preview shows how white text looks on a background with the Yxy color 43.8373, 0.3822, 0.3663.

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

43.8373, 0.3822, 0.3663

Protanopia

44.0886, 0.3523, 0.3757

Deuteranopia

43.8498, 0.3765, 0.3694



Tritanopia

43.8885, 0.3524, 0.3147

Trichromacy



Original Color

43.8373, 0.3822, 0.3663

Protanomaly

44.0655, 0.3627, 0.3719

Deuteranomaly

43.7662, 0.3789, 0.3679

Tritanomaly

43.9660, 0.3634, 0.3328

Monochromacy



Original Color

43.8373, 0.3822, 0.3663

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

43.8636, 0.3366, 0.3435

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.8373, 0.3822, 0.3663 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(212, 168, 138)` looks like.

```
.text, #text, p{  
    color:rgb(212, 168, 138)  
}
```

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(212, 168, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 168, 138) }
```

Border

The CSS property to change the border of an element to Yxy 43.8373, 0.3822, 0.3663 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(212, 168, 138) }
```

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

```
.border{ border-color:rgb(212, 168, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 168, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 168, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 168, 138);  
box-shadow:4px 4px 4px 4px rgb(212, 168,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 43.8373, 0.3822, 0.3663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 168, 138) }
```

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

```
.background{ background-color: rgb(212,  
168, 138) }
```

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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