

Converting Colors

Yxy(46.5134, 0.3904, 0.3840)

Have a look what the booklet for
Yxy(46.5134, 0.3904, 0.3840)
contains.

Yxy(46.3042, 0.3906, 0.3838)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(46.3042, 0.3906, 0.3838)

Conversions

Conversions Part 1

Format	Color
Hex	D7AE81
RGB	215, 174, 129
RGB Percent	84%, 68%, 51%
CMY	0.1568, 0.3176, 0.4942
CMYK	0.00, 0.19, 0.40, 0.16
HSL	31°, 52%, 67%
HSV	31°, 40%, 84%
XYZ	47.1246, 46.3042, 27.2179
YIQ	181.1290, 38.8810, -5.3030

Conversions

Conversions Part 2

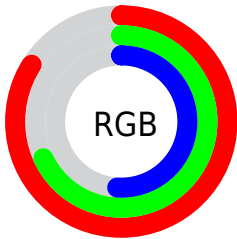
Format	Color
R _Y B	207, 215, 129
Decimal	14134913
CIE Lab	73.74, 8.92, 28.74
CIE LCh	74, 30.092, 72.766
Yxy	46.3042, 0.3906, 0.3838
Android (android.graphics.Color)	4292324993 (0xFFD7AE81)
YUV	181.1290, -25.6996, 29.7049
Hunter-Lab	68.0472, 4.5337, 23.9179

Details

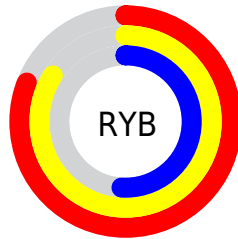
The Yxy color **46.3042, 0.3906, 0.3838** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **38.3213, 0.2482, 0.2664**, and the grayscale version is **46.4089, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.6760, 0.3629, 0.3768**, and **21.8545, 0.4126, 0.3978** is the 20% darker color. If you saturate the color by 10%, you get **41.9829, 0.4155, 0.3970**, and if you desaturate by 10%, it is **51.0524, 0.3677, 0.3698**.

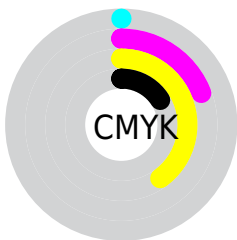
Distribution



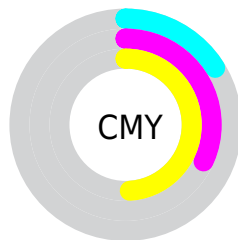
- Red (84%)
- Green (68%)
- Blue (51%)



- Red (81%)
- Yellow (84%)
- Blue (51%)



- Cyan (0%)
- Magenta (19%)
- Yellow (40%)
- Black (16%)




- Cyan (16%)
- Magenta (32%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.3042, 0.3906, 0.3838 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 46.3042, 0.3906, 0.3838 by changing the saturation by 10% instead.

 46.3042, 0.3906,
0.3838


 46.3042, 0.3906,
0.3838

372.0303, 0.3517,
0.3576

 32.4859, 0.4001,
0.3898


 84.6741, 0.3766,
0.3746

 21.7329, 0.4122,
0.3972


 109.9945, 0.3713,
0.3711

 13.6608, 0.4278,
0.4064


 139.9177, 0.3668,
0.3680

 7.8851, 0.4486,
0.4177

174.8282, 0.3629,
0.3653

 4.0215, 0.4773,
0.4313

215.1103, 0.3595,
0.3630

 1.6856, 0.5377,
0.4623

261.1484, 0.3566,

 0.4143, 0.5961,

0.3610

0.4039

313.3269, 0.3540,
0.3592

0.0000, 0.0000,
0.0000

46.3042, 0.3906,
0.3838

46.3042, 0.3906,
0.3838

41.9829, 0.4155,
0.3970

51.0524, 0.3677,
0.3698

38.0676, 0.4417,
0.4083

56.2345, 0.3471,
0.3557

34.5452, 0.4683,
0.4166

61.8652, 0.3288,
0.3420

31.3987, 0.4936,
0.4206

67.9567, 0.3127,
0.3290

28.6092, 0.5162,
0.4193

74.5206, 0.2986,
0.3169

■ 26.1503, 0.5353,
0.4132

■ 81.3735, 0.2880,
0.3087

■ 87.4297, 0.2885,
0.3194

■ 93.1888, 0.2889,
0.3289

Harmonies

Analogous

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



46.3042, 0.3961, 0.3528



46.3042, 0.3906, 0.3838



46.3042, 0.3636, 0.4030

Triad

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



46.3042, 0.3906, 0.3838



46.3042, 0.2513, 0.3350



46.3042, 0.2970, 0.2678

Complementary

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



46.3042, 0.3906, 0.3838



38.3213, 0.2482, 0.2664

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.



46.3042, 0.2609, 0.2608



46.3042, 0.3906, 0.3838



46.3042, 0.2360, 0.2962

Square

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



46.3042, 0.3906, 0.3838



46.3042, 0.2829, 0.3752



46.3042, 0.2394, 0.2702



46.3042, 0.3400, 0.2885

Rectangle

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



46.3042, 0.3906, 0.3838



46.3042, 0.3379, 0.4044



46.3042, 0.2394, 0.2702



46.3042, 0.2838, 0.2638

Sweetspot

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



46.3064, 0.3906, 0.3838



89.2268, 0.3325, 0.3448



33.0698, 0.3639, 0.2787



18.8601, 0.3348, 0.3466



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.



46.3064, 0.3906, 0.3838



62.7159, 0.4115, 0.3950



64.4240, 0.3711, 0.4279



13.4854, 0.3278, 0.3412



15.8530, 0.5331, 0.4149



1.1215, 0.5082, 0.4347

Inverse Universe

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



38.3213, 0.2482, 0.2664



49.4141, 0.2344, 0.2503



25.3834, 0.2401, 0.2073



12.9756, 0.2982, 0.3165



8.8862, 0.1753, 0.1511



0.7011, 0.1843, 0.1834

Previews

White Background



This preview shows how the Yxy color 46.3042, 0.3906, 0.3838 looks on a white background.

Color Contrast Check

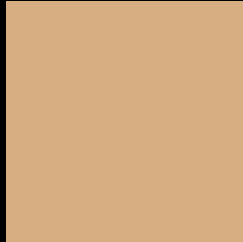
Large Text (above 18pt) WCAG AA × Fail

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 46.3042, 0.3906, 0.3838 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 46.3042, 0.3906, 0.3838

Background



This preview shows how black text looks on a background with the Yxy color 46.3042, 0.3906, 0.3838.



This preview shows how white text looks on a background with the Yxy color 46.3042, 0.3906, 0.3838.

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

46.3042, 0.3906, 0.3838

Protanopia

46.3158, 0.3660, 0.3925

Deuteranopia

46.4560, 0.3915, 0.3836



Tritanopia

46.1484, 0.3506, 0.3137

Trichromacy



Original Color

46.3042, 0.3906, 0.3838

Protanomaly

46.0360, 0.3747, 0.3887

Deuteranomaly

46.4560, 0.3915, 0.3836

Tritanomaly

46.2281, 0.3657, 0.3400

Monochromacy



Original Color

46.3042, 0.3906, 0.3838

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.7869, 0.3395, 0.3498

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.3042, 0.3906, 0.3838 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, 174, 129)` looks like.

```
.text, #text, p{  
    color:rgb(215, 174, 129)  
}
```

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, 174, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 174, 129) }
```

Border

The CSS property to change the border of an element to Yxy 46.3042, 0.3906, 0.3838 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, 174, 129) }
```

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

```
.border{ border-color:rgb(215, 174, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 174, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 174, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 174, 129);  
box-shadow:4px 4px 4px 4px rgb(215, 174,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 46.3042, 0.3906, 0.3838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 174, 129) }
```

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

```
.background{ background-color: rgb(215,  
174, 129) }
```

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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