

Converting Colors

$Yxy(42.4577, 0.3860, 0.3817)$

Have a look what the booklet for
Yxy(42.4577, 0.3860, 0.3817)
contains.

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Color

Yxy(42.4908, 0.3865, 0.3824)

Conversions

Conversions Part 1

Format	Color
Hex	CDA87E
RGB	205, 168, 126
RGB Percent	80%, 66%, 49%
CMY	0.1961, 0.3412, 0.5059
CMYK	0.00, 0.18, 0.39, 0.20
HSL	32°, 44%, 65%
HSV	32°, 39%, 80%
XYZ	42.9464, 42.4908, 25.6789
YIQ	174.2750, 35.5340, -5.2180

Conversions

Conversions Part 2

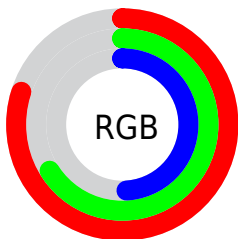
Format	Color
RYB	196, 205, 126
Decimal	13478014
CIELab	71.21, 7.78, 26.79
CIELCh	71, 27.899, 73.806
Yxy	42.4908, 0.3865, 0.3824
Android (android.graphics.Color)	4291668094 (0xFFCDA87E)
YUV	174.2750, -23.7996, 26.9458
Hunter-Lab	65.1850, 3.5290, 22.2728

Details

The Yxy color **42.4908, 0.3865, 0.3824** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **35.0413, 0.2506, 0.2684**, and the grayscale version is **42.5888, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.2900, 0.3667, 0.3741**, and **19.4021, 0.4080, 0.3970** is the 20% darker color. If you saturate the color by 10%, you get **38.6010, 0.4108, 0.3959**, and if you desaturate by 10%, it is **46.7548, 0.3642, 0.3682**.

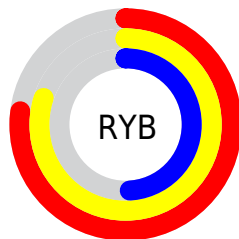
Distribution



Red (80%)

Green (66%)

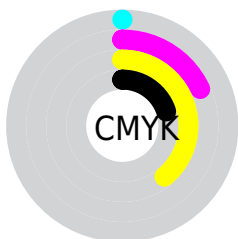
Blue (49%)



Red (77%)

Yellow (80%)

Blue (49%)

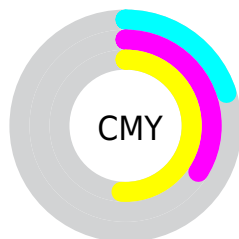


Cyan (0%)

Magenta (18%)

Yellow (39%)

Black (20%)



Cyan (20%)


Magenta (34%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.4908, 0.3865, 0.3824 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 42.4908, 0.3865, 0.3824 by changing the saturation by 10% instead.


 42.4908, 0.3865,
0.3824


 42.4908, 0.3865,
0.3824

356.5135, 0.3491,
0.3563

 29.4858, 0.3958,
0.3886


 78.9419, 0.3729,
0.3731

 19.4486, 0.4078,
0.3962


 103.1568, 0.3678,
0.3696

 11.9949, 0.4234,
0.4058


 131.8771, 0.3634,
0.3666

 6.7402, 0.4446,
0.4180

165.4871, 0.3597,
0.3639

 3.3002, 0.4758,
0.4343

204.3714, 0.3566,
0.3617

 1.2904, 0.5354,
0.4646

248.9143, 0.3538,

 0.1337, 0.7033,

0.3597

0.2967

299.5002, 0.3513,
0.3579

0.0000, 0.0000,
0.0000

42.4908, 0.3865,
0.3824

42.4908, 0.3865,
0.3824

38.6010, 0.4108,
0.3959

46.7548, 0.3642,
0.3682

35.0672, 0.4365,
0.4078

51.3987, 0.3441,
0.3539

31.8782, 0.4626,
0.4169


56.4353, 0.3262,
0.3402


29.0195, 0.4878,
0.4218


61.8750, 0.3105,
0.3271

26.4751, 0.5105,
0.4217

67.7278, 0.2968,
0.3150


 24.2229, 0.5297,
0.4164

 74.0033, 0.2847,
0.3038

 23.9135, 0.5324,
0.4155

 79.7405, 0.2820,
0.3080

 85.3948, 0.2826,
0.3183

 91.3505, 0.2832,
0.3283

Harmonies

Analogous

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



42.4908, 0.3924, 0.3531



42.4908, 0.3865, 0.3824



42.4908, 0.3602, 0.3999

Triad

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



42.4908, 0.3865, 0.3824



42.4908, 0.2532, 0.3334



42.4908, 0.2992, 0.2709

Complementary

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



42.4908, 0.3865, 0.3824



35.0413, 0.2506, 0.2684

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.



42.4908, 0.2642, 0.2637



42.4908, 0.3865, 0.3824



42.4908, 0.2391, 0.2967

Square

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



42.4908, 0.3865, 0.3824



42.4908, 0.2831, 0.3718



42.4908, 0.2430, 0.2722



42.4908, 0.3402, 0.2911

Rectangle

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



42.4908, 0.3865, 0.3824



42.4908, 0.3355, 0.4006



42.4908, 0.2430, 0.2722



42.4908, 0.2864, 0.2669

Sweetspot

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



42.4928, 0.3865, 0.3824



89.3776, 0.3325, 0.3451



30.5906, 0.3611, 0.2807



18.8956, 0.3348, 0.3469



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.



42.4928, 0.3865, 0.3824



64.4224, 0.4059, 0.3934



57.9638, 0.3689, 0.4242



12.1846, 0.3277, 0.3413



15.0786, 0.5303, 0.4171



0.9290, 0.5029, 0.4389

Inverse Universe

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



35.0413, 0.2506, 0.2684



50.5789, 0.2375, 0.2530



23.8687, 0.2434, 0.2130



11.6958, 0.2983, 0.3164



8.1408, 0.1747, 0.1488



0.5714, 0.1850, 0.1858

Previews

White Background



This preview shows how the Yxy color 42.4908, 0.3865, 0.3824 looks on a white background.

Color Contrast Check

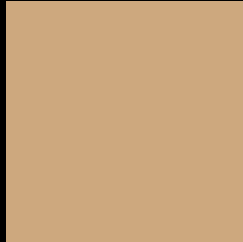
Large Text (above 18pt) WCAG AA × Fail

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 42.4908, 0.3865, 0.3824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

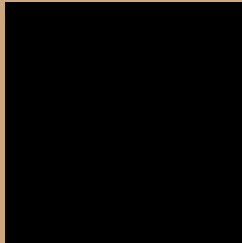
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.4908, 0.3865, 0.3824

Background



This preview shows how black text looks on a background with the Yxy color 42.4908, 0.3865, 0.3824.



This preview shows how white text looks on a background with the Yxy color 42.4908, 0.3865, 0.3824.

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

42.4908, 0.3865, 0.3824

Protanopia

42.4219, 0.3636, 0.3896

Deuteranopia

42.4092, 0.3890, 0.3808



Tritanopia

42.5983, 0.3478, 0.3143

Trichromacy



Original Color

42.4908, 0.3865, 0.3824

Protanomaly

42.5329, 0.3721, 0.3870

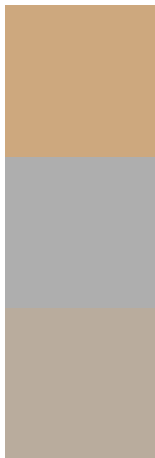
Deuteranomaly

42.2656, 0.3880, 0.3810

Tritanomaly

42.3951, 0.3617, 0.3379

Monochromacy



Original Color

42.4908, 0.3865, 0.3824

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.2537, 0.3376, 0.3492

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.4908, 0.3865, 0.3824 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(205, 168, 126)` looks like.

```
.text, #text, p{  
    color:rgb(205, 168, 126)  
}
```

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(205, 168, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 168, 126) }
```

Border

The CSS property to change the border of an element to Yxy 42.4908, 0.3865, 0.3824 is called "border". The border property can be set on classes, ids or directly on the HTML element.

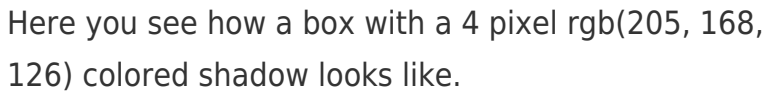
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 168, 126) }
```

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

```
.border{ border-color:rgb(205, 168, 126) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 168, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 168, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 168, 126);  
box-shadow:4px 4px 4px 4px rgb(205, 168,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 42.4908, 0.3865, 0.3824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 168, 126) }
```

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

```
.background{ background-color: rgb(205,  
168, 126) }
```

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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