

# Converting Colors

$Yxy(41.3018, 0.4206, 0.3899)$

Have a look what the booklet for  
Yxy(41.3018, 0.4206, 0.3899)  
contains.

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# Color

**Yxy(41.3058, 0.4205, 0.3899)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DBA06D
RGB	219, 160, 109
RGB Percent	86%, 63%, 43%
CMY	0.1411, 0.3726, 0.5726
CMYK	0.00, 0.27, 0.50, 0.14
HSL	28°, 60%, 64%
HSV	28°, 50%, 86%
XYZ	44.5475, 41.3058, 20.0861
YIQ	171.8270, 51.5350, -3.3530

# Conversions

## Conversions Part 2

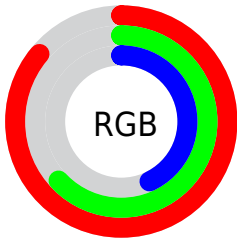
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	219, 204, 109
Decimal	14393453
CIE Lab	70.39, 16.02, 35.10
CIE LCh	70, 38.578, 65.467
Yxy	41.3058, 0.4205, 0.3899
Android (android.graphics.Color)	4292583533 (0xFFDBA06D)
YUV	171.8270, -30.9737, 41.3707
Hunter-Lab	64.2696, 11.2529, 26.4589

# Details

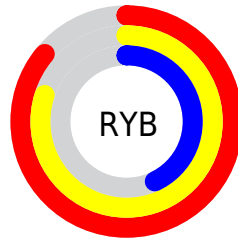
The Yxy color **41.3058, 0.4205, 0.3899** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **36.3691, 0.2334, 0.2565**, and the grayscale version is **41.3035, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.4341, 0.3822, 0.3846**, and **18.6284, 0.4511, 0.4026** is the 20% darker color. If you saturate the color by 10%, you get **37.0113, 0.4491, 0.3998**, and if you desaturate by 10%, it is **46.1067, 0.3938, 0.3782**.

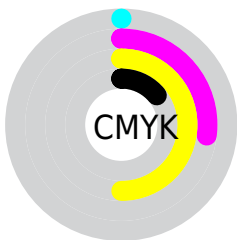
# Distribution



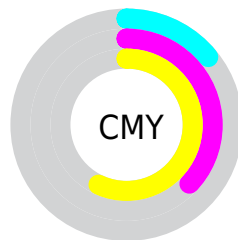
- Red (86%)
- Green (63%)
- Blue (43%)



- Red (86%)
- Yellow (80%)
- Blue (43%)



- Cyan (0%)
- Magenta (27%)
- Yellow (50%)
- Black (14%)




- Cyan (14%)
- Magenta (37%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 41.3058, 0.4205, 0.3899 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 41.3058, 0.4205, 0.3899 by changing the saturation by 10% instead.





 41.3058, 0.4205,  
0.3899


 41.3058, 0.4205,  
0.3899


351.5971, 0.3659,  
0.3616

 28.5581, 0.4339,  
0.3959


 77.1479, 0.4007,  
0.3803

 18.7468, 0.4509,  
0.4029


 101.0111, 0.3932,  
0.3765

 11.4875, 0.4727,  
0.4106


 129.3482, 0.3869,  
0.3732

 6.3957, 0.5011,  
0.4184

 162.5437, 0.3815,  
0.3703

 3.0872, 0.5596,  
0.4398

200.9820, 0.3768,  
0.3677

 1.1774, 0.5853,  
0.4147

245.0473, 0.3727,

 0.0431, 0.9092,

0.3654

0.0908

295.1242, 0.3691,  
0.3634

0.0000, 0.0000,  
0.0000

41.3058, 0.4205,  
0.3899

41.3058, 0.4205,  
0.3899

37.0113, 0.4491,  
0.3998

46.1067, 0.3938,  
0.3782

33.1976, 0.4784,  
0.4067

51.4261, 0.3696,  
0.3657

29.8455, 0.5068,  
0.4092

57.2831, 0.3482,  
0.3531

26.9314, 0.5322,  
0.4064

63.6940, 0.3294,  
0.3408

24.4774, 0.5531,  
0.3990

70.6741, 0.3131,  
0.3293

■ 78.2382, 0.2989,  
0.3185

■ 85.9219, 0.2907,  
0.3158

■ 93.1494, 0.2911,  
0.3279

■ 93.8028, 0.2912,  
0.3289

# Harmonies

## Analogous

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



41.3058, 0.4208, 0.3472



41.3058, 0.4205, 0.3899



41.3058, 0.3897, 0.4223

# Triad

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



41.3058, 0.4205, 0.3899



41.3058, 0.2400, 0.3500



41.3058, 0.2785, 0.2460

# Complementary

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



41.3058, 0.4205, 0.3899



36.3691, 0.2334, 0.2565

# 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.



41.3058, 0.2361, 0.2412



41.3058, 0.4205, 0.3899



41.3058, 0.2154, 0.2953

# Square

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



41.3058, 0.4205, 0.3899



41.3058, 0.2848, 0.4032



41.3058, 0.2143, 0.2573



41.3058, 0.3344, 0.2685



# Rectangle

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



41.3058, 0.4205, 0.3899



41.3058, 0.3575, 0.4313



41.3058, 0.2143, 0.2573



41.3058, 0.2624, 0.2422

# Sweetspot

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



41.3078, 0.4205, 0.3899



85.3790, 0.3383, 0.3467



28.8787, 0.3743, 0.2580



17.8663, 0.3423, 0.3493



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.



41.3078, 0.4205, 0.3899



52.0836, 0.4499, 0.4001



64.0149, 0.3888, 0.4452



14.0416, 0.3280, 0.3399



14.7259, 0.5506, 0.4010



1.1253, 0.5238, 0.4223



# Inverse Universe

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



36.3691, 0.2334, 0.2565



44.3505, 0.2187, 0.2384



20.5083, 0.2182, 0.1778



13.7681, 0.2982, 0.3179



10.8615, 0.1808, 0.1708

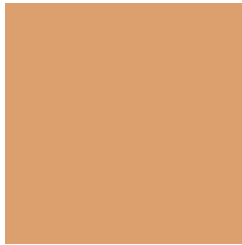


0.8755, 0.1885, 0.1987



# Previews

## White Background



This preview shows how the Yxy color 41.3058, 0.4205, 0.3899 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

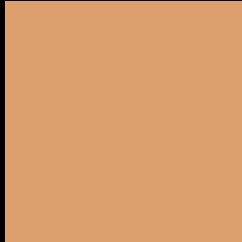
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 41.3058, 0.4205, 0.3899 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

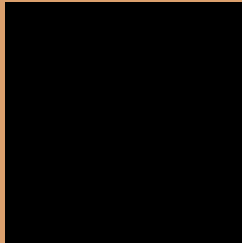
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 41.3058, 0.4205, 0.3899**

## **Background**



This preview shows how black text looks on a background with the Yxy color 41.3058, 0.4205, 0.3899.



This preview shows how white text looks on a background with the Yxy color 41.3058, 0.4205, 0.3899.

# 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

41.3058, 0.4205, 0.3899

### Protanopia

41.2847, 0.3774, 0.4070

### Deuteranopia

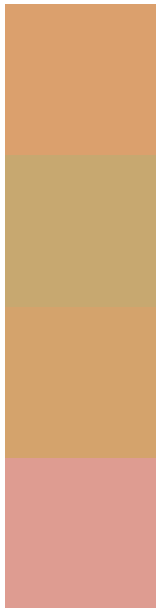
41.4029, 0.4074, 0.3999



## Tritanopia

41.3464, 0.3727, 0.3150

# Trichromacy



**Original Color**

41.3058, 0.4205, 0.3899

**Protanomaly**

41.3172, 0.3931, 0.4013

**Deuteranomaly**

41.2741, 0.4126, 0.3964

**Tritanomaly**

41.3509, 0.3902, 0.3424

# Monochromacy



**Original Color**

41.3058, 0.4205, 0.3899

**Achromatopsia**

41.2543, 0.3127, 0.3290

**Achromatomaly**

40.9940, 0.3495, 0.3545

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 41.3058, 0.4205, 0.3899 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(219, 160, 109)` looks like.

```
.text, #text, p{  
    color:rgb(219, 160, 109)  
}
```

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(219, 160, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 160, 109) }
```

## Border

The CSS property to change the border of an element to Yxy 41.3058, 0.4205, 0.3899 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(219, 160, 109) }
```

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

```
.border{ border-color:rgb(219, 160, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 160, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 160, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 160, 109);  
box-shadow:4px 4px 4px 4px rgb(219, 160,  
109) }
```



# Background

The CSS property to change the background color of an element to Yxy 41.3058, 0.4205, 0.3899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 160, 109) }
```

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

```
.background{ background-color: rgb(219,  
160, 109) }
```

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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