

# Converting Colors

$Yxy(40.0843, 0.4284, 0.3806)$

Have a look what the booklet for  
Yxy(40.0843, 0.4284, 0.3806)  
contains.

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# Color

**Yxy(40.0843, 0.4284, 0.3806)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E09A6E
RGB	224, 154, 110
RGB Percent	88%, 60%, 43%
CMY	0.1214, 0.3961, 0.5686
CMYK	0.00, 0.31, 0.51, 0.12
HSL	23°, 65%, 66%
HSV	23°, 51%, 88%
XYZ	45.1185, 40.0843, 20.1159
YIQ	169.9140, 55.8440, 1.1560

# Conversions

## Conversions Part 2

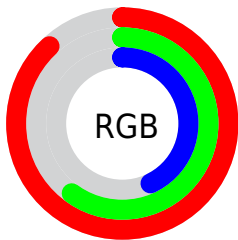
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	224, 182, 110
Decimal	14719598
CIE <sub>Lab</sub>	69.53, 21.38, 33.56
CIE <sub>LCh</sub>	70, 39.787, 57.500
Yxy	40.0843, 0.4284, 0.3806
Android (android.graphics.Color)	4292909678 (0xFFE09A6E)
YUV	169.9140, -29.5376, 47.4334
Hunter-Lab	63.3122, 16.4093, 25.4806

# Details

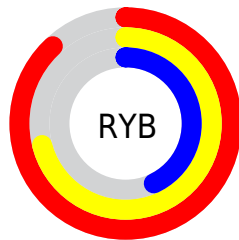
The Yxy color **40.0843, 0.4284, 0.3806** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **41.3666, 0.2349, 0.2682**, and the grayscale version is **40.2845, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.4696, 0.3837, 0.3777**, and **18.1444, 0.4621, 0.3915** is the 20% darker color. If you saturate the color by 10%, you get **35.3730, 0.4603, 0.3885**, and if you desaturate by 10%, it is **45.4438, 0.3991, 0.3709**.

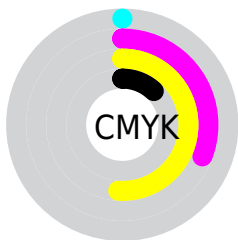
# Distribution



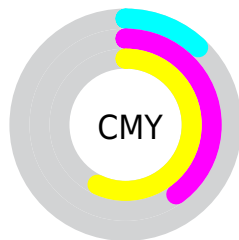
- Red (88%)
- Green (60%)
- Blue (43%)



- Red (88%)
- Yellow (71%)
- Blue (43%)



- Cyan (0%)
- Magenta (31%)
- Yellow (51%)
- Black (12%)



- Cyan (12%)
- Magenta (40%)
- Yellow (57%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 40.0843, 0.4284, 0.3806 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 40.0843, 0.4284, 0.3806 by changing the saturation by 10% instead.




 40.0843, 0.4284,  
0.3806

 40.0843, 0.4284,  
0.3806


346.4788, 0.3692,  
0.3573

 27.6043, 0.4432,  
0.3853


 75.2919, 0.4068,  
0.3729


 18.0276, 0.4619,  
0.3904


 98.7882, 0.3987,  
0.3698

 10.9698, 0.4862,  
0.3957


 126.7254, 0.3919,  
0.3670

 6.0465, 0.5184,  
0.3999

 159.4879, 0.3860,  
0.3646

 2.8734, 0.5838,  
0.4150

197.4601, 0.3810,  
0.3625

 1.0660, 0.6182,  
0.3818

241.0264, 0.3765,

 0.0000, 1.0000,

0.3606

0.0000

290.5711, 0.3727,  
0.3589

0.0000, 0.0000,  
0.0000

40.0843, 0.4284,  
0.3806

40.0843, 0.4284,  
0.3806

35.3730, 0.4603,  
0.3885

45.4438, 0.3991,  
0.3709

31.2770, 0.4934,  
0.3934

51.4708, 0.3731,  
0.3604

27.7689, 0.5256,  
0.3939

58.1909, 0.3504,  
0.3498

24.8161, 0.5542,  
0.3892

65.6265, 0.3308,  
0.3395

22.5721, 0.5758,  
0.3810

73.7990, 0.3141,  
0.3298

■ 82.7287, 0.2998,  
0.3208

■ 91.6490, 0.2940,  
0.3242

■ 94.5923, 0.2941,  
0.3289

# Harmonies

## Analogous

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



40.0843, 0.4195, 0.3355



40.0843, 0.4284, 0.3806



40.0843, 0.4036, 0.4187

# Triad

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



40.0843, 0.4284, 0.3806



40.0843, 0.2476, 0.3669



40.0843, 0.2636, 0.2397

# Complementary

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



40.0843, 0.4284, 0.3806



41.3666, 0.2349, 0.2682

# 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.



40.0843, 0.2250, 0.2401



40.0843, 0.4284, 0.3806



40.0843, 0.2162, 0.3076

# Square

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



40.0843, 0.4284, 0.3806



40.0843, 0.2981, 0.4176



40.0843, 0.2086, 0.2626



40.0843, 0.3191, 0.2585



# Rectangle

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



40.0843, 0.4284, 0.3806



40.0843, 0.3732, 0.4335



40.0843, 0.2086, 0.2626



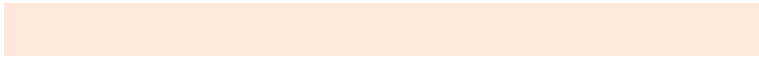
40.0843, 0.2485, 0.2375

# Sweetspot

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



40.0863, 0.4284, 0.3806



83.6899, 0.3387, 0.3438



30.3168, 0.3663, 0.2490



17.4612, 0.3429, 0.3460



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.



40.0863, 0.4284, 0.3806



47.1176, 0.4621, 0.3889



63.4328, 0.3938, 0.4398



14.5629, 0.3282, 0.3381



13.3414, 0.5731, 0.3832



1.0945, 0.5444, 0.4059



# Inverse Universe

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



41.3666, 0.2349, 0.2682



48.9325, 0.2210, 0.2529



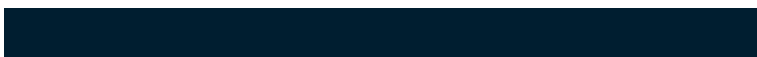
22.9453, 0.2187, 0.1858



14.6382, 0.2981, 0.3197



13.8771, 0.1883, 0.1979



1.1338, 0.1945, 0.2203



# Previews

## White Background



This preview shows how the Yxy color 40.0843, 0.4284, 0.3806 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 40.0843, 0.4284, 0.3806 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

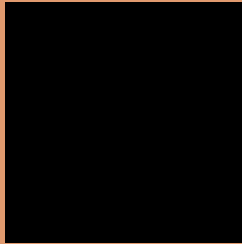
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 40.0843, 0.4284, 0.3806**

## Background



This preview shows how black text looks on a background with the Yxy color 40.0843, 0.4284, 0.3806.



This preview shows how white text looks on a background with the Yxy color 40.0843, 0.4284, 0.3806.

# 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

40.0843, 0.4284, 0.3806

### Protanopia

40.2242, 0.3728, 0.4014

### Deuteranopia

40.2562, 0.4056, 0.3984



## Tritanopia

40.1770, 0.3846, 0.3164

# Trichromacy



## Original Color

40.0843, 0.4284, 0.3806

## Protanomaly

39.9079, 0.3936, 0.3940

## Deuteranomaly

40.2428, 0.4136, 0.3918

## Tritanomaly

40.0667, 0.4020, 0.3399

# Monochromacy



## Original Color

40.0843, 0.4284, 0.3806

## Achromatopsia

40.1978, 0.3127, 0.3290

## Achromatomaly

39.6362, 0.3525, 0.3506

# CSS Examples

## Text

The CSS property to change the color of the text to  $Yxy$  40.0843, 0.4284, 0.3806 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(224, 154, 110)` looks like.

```
.text, #text, p{  
    color:rgb(224, 154, 110)  
}
```

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(224, 154, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 154, 110) }
```

## Border

The CSS property to change the border of an element to Yxy 40.0843, 0.4284, 0.3806 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(224, 154, 110) }
```

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

```
.border{ border-color:rgb(224, 154, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 154, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 154, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 154, 110);  
box-shadow:4px 4px 4px 4px rgb(224, 154,  
110) }
```



# Background

The CSS property to change the background color of an element to Yxy 40.0843, 0.4284, 0.3806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 154, 110) }
```

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

```
.background{ background-color: rgb(224,  
154, 110) }
```

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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