

# Converting Colors

XYZ(41.5447, 42.4886, 30.8224)

Have a look what the booklet for  
XYZ(41.5447, 42.4886, 30.8224)  
contains.

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# Color

**XYZ(41.5447, 42.4886,  
30.8224)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C2AB8C
RGB	194, 171, 140
RGB Percent	76%, 67%, 55%
CMY	0.2392, 0.3294, 0.4510
CMYK	0.00, 0.12, 0.28, 0.24
HSL	34°, 31%, 65%
HSV	34°, 28%, 76%
XYZ	41.5447, 42.4886, 30.8224
YIQ	174.3430, 23.6590, -4.7650

# Conversions

## Conversions Part 2

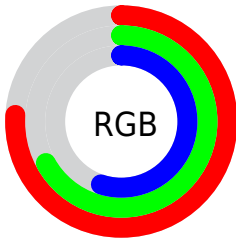
<b>Format</b>	<b>Color</b>
<b>RYB</b>	180, 194, 140
Decimal	12757900
CIELab	71.21, 3.57, 19.04
CIElCh	71, 19.367, 79.387
Yxy	42.4886, 0.3617, 0.3699
Android (android.graphics.Color)	4290947980 (0xFFC2AB8C)
YUV	174.3430, -16.9311, 17.2392
Hunter-Lab	65.1833, -0.3034, 17.5926

# Details

The XYZ color **41.5447, 42.4886, 30.8224** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.6498, 35.6640, 56.1495**, and the grayscale version is **40.4853, 42.5937, 46.3845**.

A 20% lighter version of the original color is **76.7176, 78.7970, 62.2048**, and **19.2575, 19.5073, 12.4232** is the 20% darker color. If you saturate the color by 10%, you get **38.7267, 38.9434, 23.4370**, and if you desaturate by 10%, it is **44.7147, 46.3337, 39.5704**.

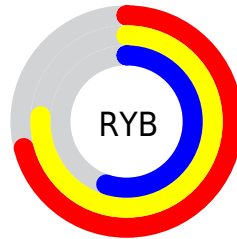
# Distribution



Red (76%)

Green (67%)

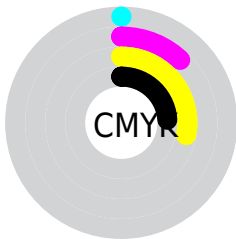
Blue (55%)



Red (71%)

Yellow (76%)

Blue (55%)

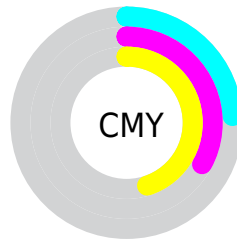


Cyan (0%)

Magenta (12%)

Yellow (28%)

Black (24%)



Cyan (24%)

Magenta (33%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 41.5447, 42.4886, 30.8224 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 XYZ color 41.5447, 42.4886, 30.8224 by changing the saturation by 10% instead.





 41.5447, 42.4886,  
30.8224


 41.5447, 42.4886,  
30.8224


343.6159,  
356.5044, 320.0451

 28.9345, 29.4841,  
20.2063


 76.7796, 78.9386,  
62.0366

 19.1753, 19.4473,  
12.3595


 100.1350,  
103.1528, 83.4719

 11.9018, 11.9939,  
6.8635


 127.8028,  
131.8724, 109.3506

 6.7486, 6.7396,  
3.2997

160.1484,  
165.4817, 140.0913

 3.3503, 3.2998,  
1.2497

197.5372,  
204.3652, 176.1126

 1.3416, 1.2902,  
0.0200

240.3344,

 0.2140, 0.1336,

248.9072, 217.8330

0.0000

288.9055,  
299.4921, 265.6709

■ 0.0000, 0.0000,  
0.0000

■ 41.5447, 42.4886,  
30.8224

■ 41.5447, 42.4886,  
30.8224

■ 38.7267, 38.9434,  
23.4370

■ 44.7147, 46.3337,  
39.5704

■ 36.2424, 35.6835,  
17.3411

■ 48.2474, 50.4811,  
49.7436

■ 34.0766, 32.7013,  
12.4590

■ 52.1570, 54.9409,  
61.4037

■ 32.2114, 29.9867,  
8.7057

■ 56.4561, 59.7205,  
74.6083

■ 30.6267, 27.5286,  
5.9850

■ 61.1563, 64.8273,  
89.4117

■ 29.2994, 25.3145,  
4.1845

■ 66.0424, 70.1777,  
104.6726

■ 28.1958, 23.3277,  
3.1373

■ 68.2721, 74.6371,  
105.4158

■ 27.9748, 22.9225,  
2.9500

■ 70.6106, 79.3141,  
106.1953

■ 73.0593, 84.2115,  
107.0116

# Harmonies

## Analogous

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



44.5852, 42.4886, 33.9757



41.5447, 42.4886, 30.8224



38.3473, 42.4886, 31.3655

# Triad

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



41.5447, 42.4886, 30.8224



34.7775, 42.4886, 52.4545



45.3104, 42.4886, 58.9027

# Complementary

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



41.5447, 42.4886, 30.8224



33.6498, 35.6640, 56.1495

# 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.



42.4919, 42.4886, 65.2581



41.5447, 42.4886, 30.8224



36.4556, 42.4886, 61.2039

# Square

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



41.5447, 42.4886, 30.8224



34.5543, 42.4886, 43.0479



39.2454, 42.4886, 66.1525



46.8354, 42.4886, 49.6340



# Rectangle

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



41.5447, 42.4886, 30.8224



36.5512, 42.4886, 33.7760



39.2454, 42.4886, 66.1525



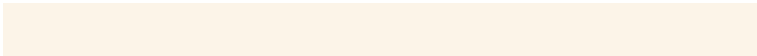
44.4760, 42.4886, 61.5006

# Sweetspot

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



41.5458, 42.4905, 30.8233



87.2151, 91.2310, 89.5459



38.2734, 32.8847, 39.1692



18.8754, 19.7189, 18.9556



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.5458, 42.4905, 30.8233



72.2887, 73.2612, 47.9366



45.3610, 51.4761, 32.3566



10.5425, 11.0165, 10.6326



18.4752, 15.2362, 1.9671



0.8654, 0.7927, 0.1074

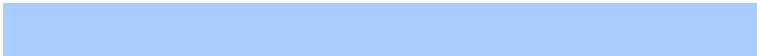


# Inverse Universe

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



33.6498, 35.6640, 56.1495



55.7749, 58.9879, 100.9159



30.5480, 28.5451, 54.9389



9.8730, 10.4374, 12.7791



8.4944, 6.7453, 34.4109

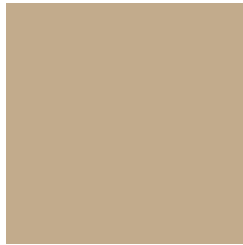


0.4352, 0.4279, 1.5095



# Previews

## White Background



This preview shows how the XYZ color 41.5447, 42.4886, 30.8224 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 XYZ color 41.5447, 42.4886, 30.8224 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

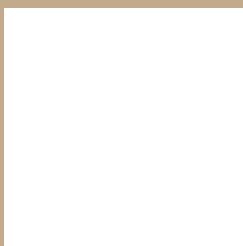
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 41.5447, 42.4886, 30.8224**

## **Background**



This preview shows how black text looks on a background with the XYZ color 41.5447, 42.4886, 30.8224.



This preview shows how white text looks on a background with the XYZ color 41.5447, 42.4886,



# 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

41.5447, 42.4886, 30.8224

### Protanopia

39.9514, 42.5095, 31.2988

### Deuteranopia

43.4390, 42.6249, 31.1372



## Tritanopia

45.3261, 42.6692, 48.4949

# Trichromacy



## Original Color

41.5447, 42.4886, 30.8224

## Protanomaly

40.4903, 42.5016, 31.2689

## Deuteranomaly

42.8151, 42.5784, 31.1612

## Tritanomaly

43.8201, 42.5922, 41.5089

# Monochromacy



## Original Color

41.5447, 42.4886, 30.8224

## Achromatopsia

40.2316, 42.3268, 46.0938

## Achromatomaly

40.5212, 42.3195, 40.2152

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 41.5447, 42.4886, 30.8224 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(194, 171, 140)` looks like.

```
.text, #text, p{  
    color:rgb(194, 171, 140)  
}
```

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(194, 171, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 171, 140) }
```

## Border

The CSS property to change the border of an element to XYZ 41.5447, 42.4886, 30.8224 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(194, 171, 140) }
```



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

```
.border{ border-color:rgb(194, 171, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 171, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 171, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 171, 140);  
box-shadow:4px 4px 4px 4px rgb(194, 171,  
140) }
```

# Background

The CSS property to change the background color of an element to XYZ 41.5447, 42.4886, 30.8224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 171, 140) }
```

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

```
.background{ background-color: rgb(194,  
171, 140) }
```

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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