

Converting Colors

XYZ(43.2106, 40.0540, 16.7859)

Have a look what the booklet for
XYZ(43.2106, 40.0540, 16.7859)
contains.

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Color

**XYZ(43.2980, 40.2222,
16.7909)**

Conversions

Conversions Part 1

Format	Color
Hex	DA9E61
RGB	218, 158, 97
RGB Percent	85%, 62%, 38%
CMY	0.1451, 0.3804, 0.6196
CMYK	0.00, 0.28, 0.56, 0.15
HSL	30°, 62%, 62%
HSV	30°, 56%, 85%
XYZ	43.2980, 40.2222, 16.7909
YIQ	168.9860, 55.3410, -6.2510

Conversions

Conversions Part 2

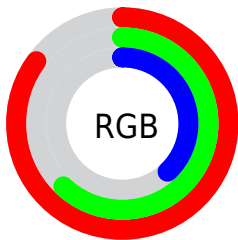
Format	Color
RYB	216, 218, 97
Decimal	14327393
CIELab	69.63, 15.64, 40.38
CIELCh	70, 43.305, 68.832
Yxy	40.2222, 0.4316, 0.4010
Android (android.graphics.Color)	4292517473 (0xFFDA9E61)
YUV	168.9860, -35.4891, 42.9853
Hunter-Lab	63.4210, 10.8767, 28.6975

Details

The XYZ color **43.2980, 40.2222, 16.7909** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **29.6411, 31.7160, 70.8890**, and the grayscale version is **37.8569, 39.8284, 43.3731**.

A 20% lighter version of the original color is **70.4591, 71.0184, 38.4281**, and **20.2884, 18.2024, 5.2404** is the 20% darker color. If you saturate the color by 10%, you get **40.6546, 36.3448, 11.5654**, and if you desaturate by 10%, it is **46.3848, 44.5396, 23.5427**.

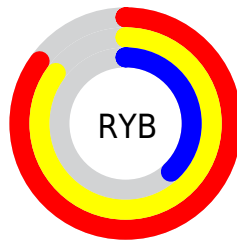
Distribution



Red (85%)

Green (62%)

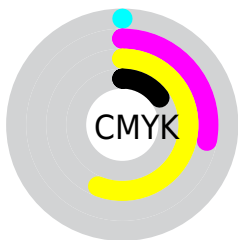
Blue (38%)



Red (85%)

Yellow (85%)

Blue (38%)

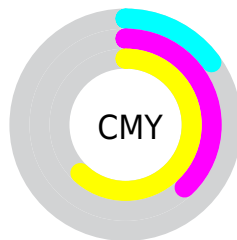


Cyan (0%)

Magenta (28%)

Yellow (56%)

Black (15%)



Cyan (15%)


Magenta (38%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.2980, 40.2222, 16.7909 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 43.2980, 40.2222, 16.7909 by changing the saturation by 10% instead.


 43.2980, 40.2222,
16.7909


 43.2980, 40.2222,
16.7909


350.7366,
347.0592, 245.9675

 30.3145, 27.7118,
9.9251


 79.4133, 75.5018,
38.7516

 20.2267, 18.1085,
5.2444


 103.2758, 99.0397,
54.6837

 12.6692, 11.0279,
2.3301


 131.4954,
127.0224, 74.4749

 7.2766, 6.0856,
0.7480

 164.4374,
159.8340, 98.5438

 3.6835, 2.8972,
0.0000

202.4671,
197.8592, 127.3090

 1.5247, 1.0783,
0.0000

245.9500,

 0.3425, 0.0000,

241.4822, 161.1890

0.0000

295.2514,
291.0874, 200.6023

■ 0.0000, 0.0000,
0.0000

■ 43.2980, 40.2222,
16.7909

■ 43.2980, 40.2222,
16.7909

■ 40.6546, 36.3448,
11.5654

■ 46.3848, 44.5396,
23.5427

■ 38.4241, 32.8839,
7.7389

■ 49.9369, 49.3075,
31.9296

■ 36.5758, 29.8217,
5.1667

■ 53.9781, 54.5430,
42.0529

■ 35.0716, 27.1359,
3.6707

■ 58.5293, 60.2607,
54.0051

■ 34.4795, 26.0377,
3.2085

■ 63.6104, 66.4741,
67.8718

■ 69.2397, 73.1963,
83.7336

■ 75.4349, 80.4398,
101.6660

■ 79.4580, 87.1147,
107.2347

■ 82.7234, 93.6454,
108.3231

Harmonies

Analogous

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



49.6998, 40.2222, 23.8021



43.2980, 40.2222, 16.7909



36.2009, 40.2222, 15.6849

Triad

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



43.2980, 40.2222, 16.7909



26.4150, 40.2222, 49.9827



47.3038, 40.2222, 81.1984

Complementary

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



43.2980, 40.2222, 16.7909



29.6411, 31.7160, 70.8890

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.



40.3335, 40.2222, 93.9810



43.2980, 40.2222, 16.7909



28.6764, 40.2222, 72.6774

Square

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



43.2980, 40.2222, 16.7909



27.0043, 40.2222, 31.3007



33.5737, 40.2222, 90.4599



52.2016, 40.2222, 59.2377

Rectangle

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



43.2980, 40.2222, 16.7909



32.1009, 40.2222, 17.9662



33.5737, 40.2222, 90.4599



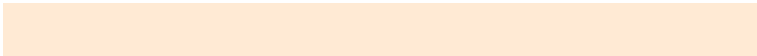
45.0934, 40.2222, 86.9749

Sweetspot

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



43.2990, 40.2242, 16.7917



82.3619, 84.5605, 74.0370



39.3169, 25.9066, 35.0512



17.3397, 17.7386, 15.0804



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.



43.2990, 40.2242, 16.7917



57.2749, 50.7600, 15.1973



56.1425, 65.9112, 21.0728



13.5958, 14.1310, 13.7366



20.7648, 15.8151, 1.9582



1.4314, 1.1970, 0.1556

Inverse Universe

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



29.6411, 31.7160, 70.8890



35.8819, 37.4364, 99.9425



21.8597, 16.1532, 68.2952



12.8693, 13.6783, 16.6140



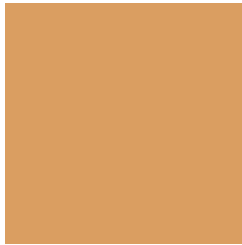
10.9075, 9.6845, 41.0328



0.7928, 0.7997, 2.6870

Previews

White Background



This preview shows how the XYZ color 43.2980, 40.2222, 16.7909 looks on a white background.

Color Contrast Check

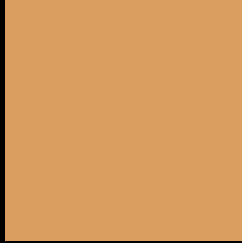
Large Text (above 18pt) WCAG AA × Fail

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 43.2980, 40.2222, 16.7909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

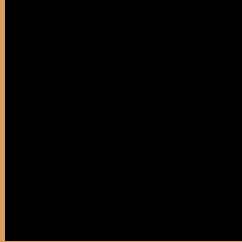
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.2980, 40.2222, 16.7909

Background



This preview shows how black text looks on a background with the XYZ color 43.2980, 40.2222, 16.7909.



This preview shows how white text looks on a background with the XYZ color 43.2980, 40.2222,

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

43.2980, 40.2222, 16.7909

Protanopia

37.0227, 40.1479, 18.3684

Deuteranopia

41.2209, 40.4488, 16.7012



Tritanopia

47.8594, 40.1093, 39.4018

Trichromacy



Original Color

43.2980, 40.2222, 16.7909

Protanomaly

39.2252, 40.1983, 17.7483

Deuteranomaly

42.0076, 40.3313, 16.6370

Tritanomaly

45.7975, 39.9896, 29.3497

Monochromacy



Original Color

43.2980, 40.2222, 16.7909

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

38.9066, 39.4582, 31.5522

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2980, 40.2222, 16.7909 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(218, 158, 97)` looks like.

```
.text, #text, p{  
    color:rgb(218, 158, 97)  
}
```

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(218, 158, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 158, 97) }
```

Border

The CSS property to change the border of an element to XYZ 43.2980, 40.2222, 16.7909 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(218, 158, 97) }
```


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

```
.border{ border-color:rgb(218, 158, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 158, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 158, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 158, 97);  
box-shadow:4px 4px 4px 4px rgb(218, 158,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2980, 40.2222, 16.7909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 158, 97) }
```

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

```
.background{ background-color: rgb(218,  
158, 97) }
```

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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