

Converting Colors

XYZ(43.8480, 42.0528, 17.6119)

Have a look what the booklet for
XYZ(43.8480, 42.0528, 17.6119)
contains.

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Color

**XYZ(43.8465, 42.0507,
17.6100)**

Conversions

Conversions Part 1

Format	Color
Hex	D8A463
RGB	216, 164, 99
RGB Percent	85%, 64%, 39%
CMY	0.1529, 0.3568, 0.6118
CMYK	0.00, 0.24, 0.54, 0.15
HSL	33°, 60%, 62%
HSV	33°, 54%, 85%
XYZ	43.8465, 42.0507, 17.6100
YIQ	172.1380, 51.8570, -9.1910

Conversions

Conversions Part 2

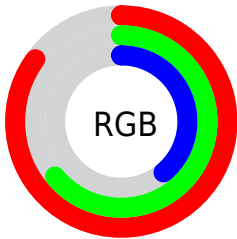
Format	Color
RYB	193, 216, 99
Decimal	14197859
CIELab	70.91, 11.75, 40.87
CIElCh	71, 42.524, 73.967
Yxy	42.0507, 0.4236, 0.4063
Android (android.graphics.Color)	4292387939 (0xFFD8A463)
YUV	172.1380, -36.0570, 38.4670
Hunter-Lab	64.8465, 7.2128, 29.2915

Details

The XYZ color **43.8465, 42.0507, 17.6100** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **28.6063, 29.7425, 69.1987**, and the grayscale version is **39.4420, 41.4960, 45.1892**.

A 20% lighter version of the original color is **72.1574, 74.1574, 39.7889**, and **20.4704, 19.0877, 5.6230** is the 20% darker color. If you saturate the color by 10%, you get **41.2954, 38.3861, 12.3286**, and if you desaturate by 10%, it is **46.8054, 46.0892, 24.3906**.

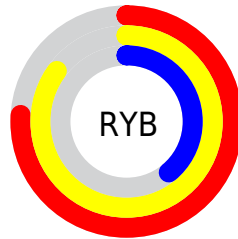
Distribution



Red (85%)

Green (64%)

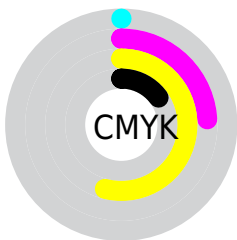
Blue (39%)



Red (76%)

Yellow (85%)

Blue (39%)

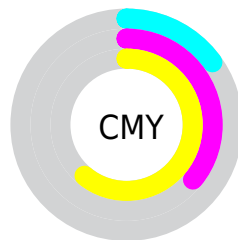


Cyan (0%)

Magenta (24%)

Yellow (54%)

Black (15%)



Cyan (15%)


Magenta (36%)


Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.8465, 42.0507, 17.6100 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 43.8465, 42.0507, 17.6100 by changing the saturation by 10% instead.


 43.8465, 42.0507,
17.6100


 43.8465, 42.0507,
17.6100


352.9443,
354.6931, 250.8254


 30.7472, 29.1410,
10.5038


 80.2345, 78.2764,
40.1766


 20.5573, 19.1875,
5.6243


 104.2539,
102.3611, 56.4740

 12.9114, 11.8058,
2.5529


 132.6442,
130.9396, 76.6723

 7.4442, 6.6116,
0.8680

 165.7705,
164.3963, 101.1900

 3.7902, 3.2204,
0.0000

203.9983,
203.1157, 130.4456

 1.5841, 1.2479,
0.0000

247.6930,

 0.3820, 0.1003,

247.4820, 164.8577

0.0000

297.2199,
297.8796, 204.8448

■ 0.0000, 0.0000,
0.0000

■ 43.8465, 42.0507,
17.6100

■ 43.8465, 42.0507,
17.6100

■ 41.2954, 38.3861,
12.3286

■ 46.8054, 46.0892,
24.3906

■ 39.1238, 35.0745,
8.4240

■ 50.1920, 50.5091,
32.7745

■ 37.3036, 32.1018,
5.7588

■ 54.0282, 55.3249,
42.8594

■ 35.7999, 29.4490,
4.1648

■ 58.3332, 60.5486,
54.7342

■ 35.0364, 28.0340,
3.5645

■ 63.1252, 66.1914,
68.4817

■ 68.4212, 72.2641,
84.1797

■ 74.2374, 78.7770,
101.9011

■ 77.7644, 84.6100,
106.8405

■ 80.6779, 90.4372,
107.8117

Harmonies

Analogous

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



50.5871, 42.0507, 23.7047



43.8465, 42.0507, 17.6100



36.7718, 42.0507, 17.4183

Triad

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



43.8465, 42.0507, 17.6100



28.1605, 42.0507, 55.8541



50.1820, 42.0507, 79.9650

Complementary

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



43.8465, 42.0507, 17.6100



28.6063, 29.7425, 69.1987

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.



43.3441, 42.0507, 94.9918



43.8465, 42.0507, 17.6100



30.9497, 42.0507, 78.5319

Square

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



43.8465, 42.0507, 17.6100



28.2612, 42.0507, 35.8411



36.3251, 42.0507, 94.4011



54.5294, 42.0507, 57.4189

Rectangle

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



43.8465, 42.0507, 17.6100



32.8351, 42.0507, 20.4681



36.3251, 42.0507, 94.4011



48.0655, 42.0507, 86.3238

Sweetspot

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



43.8475, 42.0527, 17.6108



83.6493, 86.6175, 76.0624



38.4198, 25.7785, 32.5069



17.6195, 18.1961, 15.4880



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.



43.8475, 42.0527, 17.6108



59.6469, 55.1719, 17.0118



53.4290, 63.7361, 21.2911



12.9897, 13.5535, 13.0922



20.8473, 16.8118, 2.1462



1.3394, 1.1780, 0.1568

Inverse Universe

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



28.6063, 29.7425, 69.1987



35.2750, 35.5185, 99.6043



22.6649, 16.8762, 67.0284



12.1923, 12.9081, 15.7864



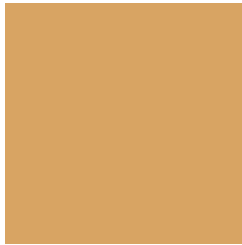
9.9157, 8.0932, 39.4927



0.6799, 0.6518, 2.4093

Previews

White Background



This preview shows how the XYZ color 43.8465, 42.0507, 17.6100 looks on a white background.

Color Contrast Check

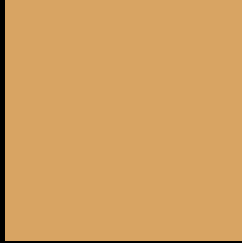
Large Text (above 18pt) WCAG AA × Fail

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 43.8465, 42.0507, 17.6100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

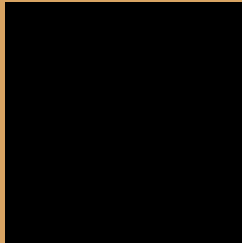
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.8465, 42.0507, 17.6100

Background



This preview shows how black text looks on a background with the XYZ color 43.8465, 42.0507, 17.6100.

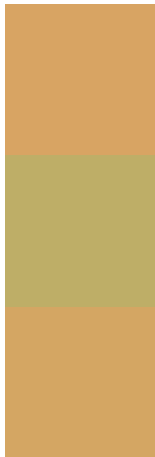


This preview shows how white text looks on a background with the XYZ color 43.8465, 42.0507,

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

43.8465, 42.0507, 17.6100

Protanopia

38.8194, 42.1985, 18.9311

Deuteranopia

43.0397, 42.1703, 17.6756



Tritanopia

49.0806, 42.1337, 42.5916

Trichromacy



Original Color

43.8465, 42.0507, 17.6100

Protanomaly

40.3262, 41.8509, 18.5230

Deuteranomaly

43.1478, 41.9573, 17.6288

Tritanomaly

46.8713, 41.9951, 31.6221

Monochromacy



Original Color

43.8465, 42.0507, 17.6100

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

40.0378, 41.1116, 32.6132

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8465, 42.0507, 17.6100 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(216, 164, 99)` looks like.

```
.text, #text, p{  
    color:rgb(216, 164, 99)  
}
```

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(216, 164, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 164, 99) }
```

Border

The CSS property to change the border of an element to XYZ 43.8465, 42.0507, 17.6100 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(216, 164, 99) }
```


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

```
.border{ border-color:rgb(216, 164, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 164, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 164, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 164, 99);  
box-shadow:4px 4px 4px 4px rgb(216, 164,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8465, 42.0507, 17.6100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 164, 99) }
```

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

```
.background{ background-color: rgb(216,  
164, 99) }
```

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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