

Converting Colors

XYZ(45.2999, 42.7185, 33.4617)

Have a look what the booklet for
XYZ(45.2999, 42.7185, 33.4617)
contains.

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Color

**XYZ(45.2999, 42.7185,
33.4617)**

Conversions

Conversions Part 1

Format	Color
Hex	D2A593
RGB	210, 165, 147
RGB Percent	82%, 65%, 58%
CMY	0.1765, 0.3529, 0.4235
CMYK	0.00, 0.21, 0.30, 0.18
HSL	17°, 41%, 70%
HSV	17°, 30%, 82%
XYZ	45.2999, 42.7185, 33.4617
YIQ	176.4030, 32.5980, 3.9420

Conversions

Conversions Part 2

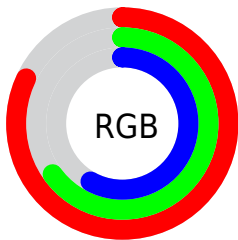
Format	Color
R _Y B	210, 172, 147
Decimal	13804947
CIE Lab	71.36, 13.99, 15.66
CIE LCh	71, 21.002, 48.214
Yxy	42.7185, 0.3729, 0.3517
Android (android.graphics.Color)	4291995027 (0xFFD2A593)
YUV	176.4030, -14.4957, 29.4646
Hunter-Lab	65.3594, 9.3375, 15.3972

Details

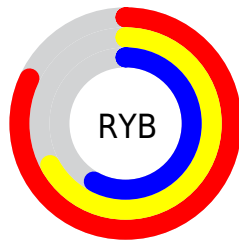
The XYZ color **45.2999, 42.7185, 33.4617** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.5145, 48.5538, 68.1038**, and the grayscale version is **41.5396, 43.7029, 47.5924**.

A 20% lighter version of the original color is **77.3758, 76.6634, 65.9777**, and **21.3429, 19.5248, 13.7101** is the 20% darker color. If you saturate the color by 10%, you get **41.2518, 37.0229, 24.7111**, and if you desaturate by 10%, it is **49.9684, 49.1729, 43.9042**.

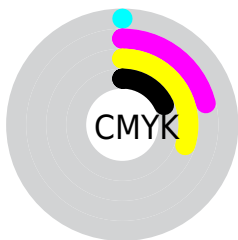
Distribution



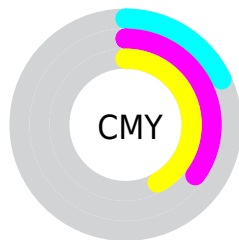
- Red (82%)
- Green (65%)
- Blue (58%)



- Red (82%)
- Yellow (67%)
- Blue (58%)



- Cyan (0%)
- Magenta (21%)
- Yellow (30%)
- Black (18%)





- Cyan (18%)
- Magenta (35%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.2999, 42.7185, 33.4617 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 45.2999, 42.7185, 33.4617 by changing the saturation by 10% instead.


 45.2999, 42.7185,
33.4617

 45.2999, 42.7185,
33.4617


358.7501,
357.4528, 332.4207

 31.8960, 29.6643,
22.2064


 82.4046, 79.2859,
66.2200

 21.4372, 19.5839,
13.8088


 106.8360,
103.5679, 88.5600

 13.5583, 12.0930,
7.8506

135.6741,
132.3613, 115.4320

 7.8937, 6.8070,
3.9131

169.2840,
166.0504, 147.2546

 4.0782, 3.3417,
1.5778

208.0312,
205.0198, 184.4461

 1.7465, 1.3126,
0.2749

252.2811,

 0.4851, 0.1509,

249.6537, 227.4253

0.0000

302.3989,
300.3366, 276.6107

0.0000, 0.0000,
0.0000

45.2999, 42.7185,
33.4617

45.2999, 42.7185,
33.4617

41.2518, 37.0229,
24.7111

49.9684, 49.1729,
43.9042

37.7934, 32.0519,
17.5597

55.2795, 56.4071,
56.1190

34.8963, 27.7771,
11.9101

61.2582, 64.4485,
70.1848

32.5283, 24.1660,
7.6529

67.9274, 73.3214,
86.1746

30.6535, 21.1833,
4.6638

75.3087, 83.0490,
104.1574

■ 29.2308, 18.7899,
2.7957

■ 80.3872, 92.4394,
108.2135

■ 28.1950, 16.9350,
1.7828

■ 80.3883, 92.4416,
108.2138

■ 28.1950, 16.9349,
1.7827

Harmonies

Analogous

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



47.4038, 42.7185, 40.6929



45.2999, 42.7185, 33.4617



42.0061, 42.7185, 29.9483

Triad

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



45.2999, 42.7185, 33.4617



34.3087, 42.7185, 42.6512



42.7634, 42.7185, 67.5507

Complementary

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



45.2999, 42.7185, 33.4617



42.5145, 48.5538, 68.1038

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.



39.2308, 42.7185, 68.2774



45.2999, 42.7185, 33.4617



34.4853, 42.7185, 52.8636

Square

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



45.2999, 42.7185, 33.4617



35.7448, 42.7185, 34.7157



36.2419, 42.7185, 62.5813



45.8818, 42.7185, 60.7198

Rectangle

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



45.2999, 42.7185, 33.4617



39.6397, 42.7185, 29.7916



36.2419, 42.7185, 62.5813



41.5810, 42.7185, 68.5498

Sweetspot

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



45.3010, 42.7205, 33.4626



86.5647, 88.5932, 88.9189



46.5434, 38.3819, 54.9119



18.2522, 18.5890, 18.3894



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.



45.3010, 42.7205, 33.4626



66.1601, 60.4942, 42.9339



51.6639, 55.4463, 35.5835



12.0800, 12.3507, 12.3593



17.2733, 10.4797, 1.1124



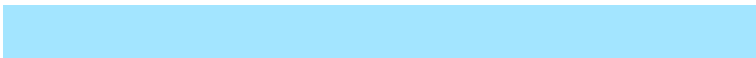
1.0339, 0.7221, 0.0849

Inverse Universe

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



42.5145, 48.5538, 68.1038



61.1496, 70.9363, 105.0769



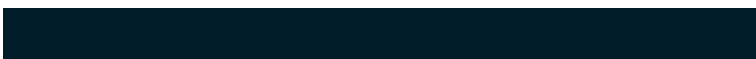
36.3497, 36.2243, 66.0489



11.8610, 12.8123, 15.0915



13.8367, 16.3200, 39.6133



0.8396, 1.0443, 2.2369

Previews

White Background



This preview shows how the XYZ color 45.2999, 42.7185, 33.4617 looks on a white background.

Color Contrast Check

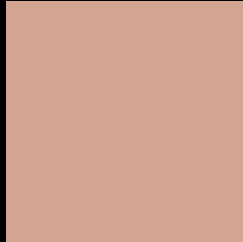
Large Text (above 18pt) WCAG AA × Fail

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 45.2999, 42.7185, 33.4617 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 45.2999, 42.7185, 33.4617

Background



This preview shows how black text looks on a background with the XYZ color 45.2999, 42.7185, 33.4617.



This preview shows how white text looks on a background with the XYZ color 45.2999, 42.7185,

33.4617.

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

45.2999, 42.7185, 33.4617

Protanopia

40.5259, 42.9942, 35.8685

Deuteranopia

43.5481, 42.6371, 33.1287



Tritanopia

47.8254, 42.6919, 45.7641

Trichromacy



Original Color

45.2999, 42.7185, 33.4617

Protanomaly

42.0602, 42.6653, 34.8726

Deuteranomaly

44.1839, 42.6919, 33.1057

Tritanomaly

46.7725, 42.5180, 40.8636

Monochromacy



Original Color

45.2999, 42.7185, 33.4617

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

42.2831, 42.9130, 41.6518

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.2999, 42.7185, 33.4617 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(210, 165, 147)` looks like.

```
.text, #text, p{  
    color:rgb(210, 165, 147)  
}
```

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(210, 165, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 165, 147) }
```

Border

The CSS property to change the border of an element to XYZ 45.2999, 42.7185, 33.4617 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(210, 165, 147) }
```


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

```
.border{ border-color:rgb(210, 165, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 165, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 165, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 165, 147);  
box-shadow:4px 4px 4px 4px rgb(210, 165,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 45.2999, 42.7185, 33.4617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 165, 147) }
```

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

```
.background{ background-color: rgb(210,  
165, 147) }
```

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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