

Converting Colors

XYZ(45.7215, 42.8349, 25.9369)

Have a look what the booklet for
XYZ(45.7215, 42.8349, 25.9369)
contains.

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Color

**XYZ(45.7215, 42.8349,
25.9369)**

Conversions

Conversions Part 1

Format	Color
Hex	D9A47F
RGB	217, 164, 127
RGB Percent	85%, 64%, 50%
CMY	0.1490, 0.3568, 0.5020
CMYK	0.00, 0.24, 0.41, 0.15
HSL	25°, 54%, 67%
HSV	25°, 41%, 85%
XYZ	45.7215, 42.8349, 25.9369
YIQ	175.6290, 43.4650, -0.2710

Conversions

Conversions Part 2

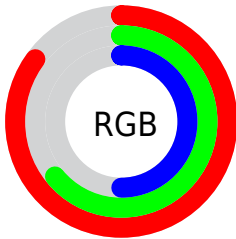
Format	Color
RYB	217, 190, 127
Decimal	14263423
CIELab	71.44, 14.86, 26.78
CIElCh	71, 30.631, 60.976
Yxy	42.8349, 0.3993, 0.3741
Android (android.graphics.Color)	4292453503 (0xFFD9A47F)
YUV	175.6290, -23.9741, 36.2824
Hunter-Lab	65.4484, 10.1634, 22.3175

Details

The XYZ color **45.7215, 42.8349, 25.9369** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **37.5975, 42.1628, 71.8023**, and the grayscale version is **41.1795, 43.3241, 47.1799**.

A 20% lighter version of the original color is **74.8097, 75.2183, 53.7557**, and **21.6309, 19.5977, 9.6638** is the 20% darker color. If you saturate the color by 10%, you get **42.2839, 37.9844, 18.5492**, and if you desaturate by 10%, it is **49.6956, 48.2709, 35.0070**.

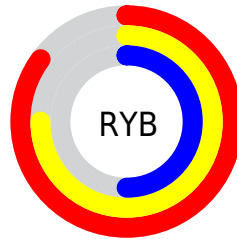
Distribution



Red (85%)

Green (64%)

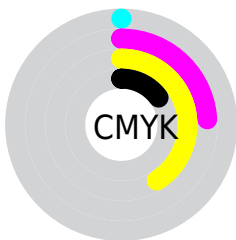
Blue (50%)



Red (85%)

Yellow (75%)

Blue (50%)

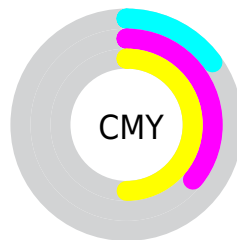


Cyan (0%)

Magenta (24%)

Yellow (41%)

Black (15%)



Cyan (15%)


Magenta (36%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.7215, 42.8349, 25.9369 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 45.7215, 42.8349, 25.9369 by changing the saturation by 10% instead.


 45.7215, 42.8349,
25.9369

 45.7215, 42.8349,
25.9369


360.4226,
357.9324, 296.0678

 32.2298, 29.7556,
16.5511


 83.0325, 79.4617,
54.1560

 21.6935, 19.6532,
9.7564


 107.5824,
103.7779, 73.8263

 13.7472, 12.1432,
5.1343


 136.5492,
132.6086, 97.7619

 8.0256, 6.8413,
2.2661

170.2981,
166.3381, 126.3813

 4.1633, 3.3630,
0.7122

209.1946,
205.3508, 160.1031

 1.7949, 1.3241,
0.0000

253.6039,

 0.5146, 0.1597,

250.0312, 199.3457

0.0000

303.8915,
300.7636, 244.5278

■ 0.0000, 0.0000,
0.0000

■ 45.7215, 42.8349,
25.9369

■ 45.7215, 42.8349,
25.9369

■ 42.2839, 37.9844,
18.5492

■ 49.6956, 48.2709,
35.0070

■ 39.3531, 33.6919,
12.7350

■ 54.2276, 54.3063,
45.8538

■ 36.9011, 29.9364,
8.3767

■ 59.3411, 60.9623,
58.5675

■ 34.8950, 26.6930,
5.3386

■ 65.0577, 68.2569,
73.2316

■ 33.2970, 23.9338,
3.4588

■ 71.3976, 76.2077,
89.9243

■ 32.2061, 21.9335,
2.5361

■ 78.0236, 84.6884,
106.8420

■ 81.9328, 92.5068,
108.1450

■ 82.4253, 93.4917,
108.3092

Harmonies

Analogous

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



49.8305, 42.8349, 33.4853



45.7215, 42.8349, 25.9369



40.5444, 42.8349, 23.5995

Triad

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



45.7215, 42.8349, 25.9369



31.5732, 42.8349, 47.1260



46.0388, 42.8349, 75.5053

Complementary

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



45.7215, 42.8349, 25.9369



37.5975, 42.1628, 71.8023

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.



40.8827, 42.8349, 81.2283



45.7215, 42.8349, 25.9369



32.7821, 42.8349, 62.8545

Square

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



45.7215, 42.8349, 25.9369



32.6359, 42.8349, 34.1626



36.0848, 42.8349, 76.1752



50.0243, 42.8349, 61.8363

Rectangle

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



45.7215, 42.8349, 25.9369



37.2623, 42.8349, 24.8134



36.0848, 42.8349, 76.1752



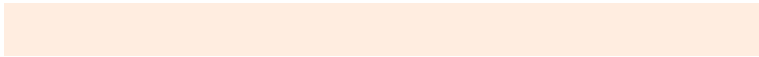
44.3710, 42.8349, 78.5374

Sweetspot

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



45.7226, 42.8369, 25.9378



85.0277, 87.2212, 83.1597



44.5454, 33.2671, 47.7898



17.9825, 18.3888, 17.2537



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.



45.7226, 42.8369, 25.9378



61.4092, 55.4169, 27.7099



55.0020, 61.3959, 29.0309



13.4935, 13.9264, 13.7025



19.5942, 13.4741, 1.5680



1.3529, 1.0400, 0.1294

Inverse Universe

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



37.5975, 42.1628, 71.8023



48.1332, 54.2828, 102.5485



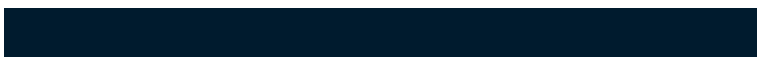
30.0814, 27.1306, 69.2969



12.9727, 13.8851, 16.6485



12.3433, 12.5559, 41.5114



0.8837, 0.9816, 2.7173

Previews

White Background



This preview shows how the XYZ color 45.7215, 42.8349, 25.9369 looks on a white background.

Color Contrast Check

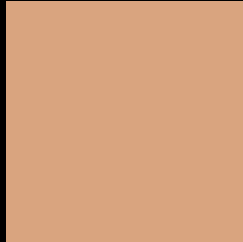
Large Text (above 18pt) WCAG AA × Fail

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 45.7215, 42.8349, 25.9369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

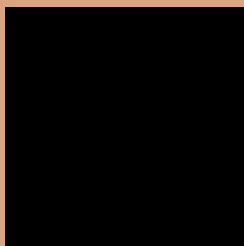
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.7215, 42.8349, 25.9369

Background



This preview shows how black text looks on a background with the XYZ color 45.7215, 42.8349, 25.9369.



This preview shows how white text looks on a background with the XYZ color 45.7215, 42.8349,

25.9369.

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

45.7215, 42.8349, 25.9369

Protanopia

40.2339, 43.0173, 28.0124

Deuteranopia

43.7810, 42.9215, 25.7158



Tritanopia

49.3014, 42.7282, 43.6791

Trichromacy



Original Color

45.7215, 42.8349, 25.9369

Protanomaly

42.1454, 42.8796, 27.1744

Deuteranomaly

44.4486, 42.9927, 25.6944

Tritanomaly

47.9187, 42.6903, 36.2863

Monochromacy



Original Color

45.7215, 42.8349, 25.9369

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

42.4099, 43.0500, 38.4220

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.7215, 42.8349, 25.9369 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(217, 164, 127)` looks like.

```
.text, #text, p{  
    color:rgb(217, 164, 127)  
}
```

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(217, 164, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 164, 127) }
```

Border

The CSS property to change the border of an element to XYZ 45.7215, 42.8349, 25.9369 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(217, 164, 127) }
```


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

```
.border{ border-color:rgb(217, 164, 127) }
```

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

Here you see how a box with a 4 pixel rgb(217, 164, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 164, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 164, 127);  
box-shadow:4px 4px 4px 4px rgb(217, 164,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 45.7215, 42.8349, 25.9369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 164, 127) }
```

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

```
.background{ background-color: rgb(217,  
164, 127) }
```

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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