

Converting Colors

XYZ(42.7249, 36.8418, 24.9380)

Have a look what the booklet for
XYZ(42.7249, 36.8418, 24.9380)
contains.

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Color

**XYZ(42.7249, 36.8418,
24.9380)**

Conversions

Conversions Part 1

Format	Color
Hex	D9927F
RGB	217, 146, 127
RGB Percent	85%, 57%, 50%
CMY	0.1490, 0.4274, 0.5020
CMYK	0.00, 0.33, 0.41, 0.15
HSL	13°, 54%, 67%
HSV	13°, 41%, 85%
XYZ	42.7249, 36.8418, 24.9380
YIQ	165.0630, 48.4150, 9.1430

Conversions

Conversions Part 2

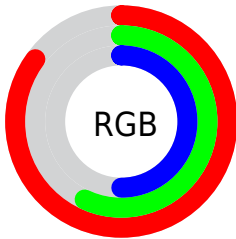
Format	Color
R _Y B	217, 151, 127
Decimal	14258815
CIE Lab	67.16, 24.58, 21.01
CIE LCh	67, 32.332, 40.526
Yxy	36.8418, 0.4088, 0.3525
Android (android.graphics.Color)	4292448895 (0xFFD9927F)
YUV	165.0630, -18.7651, 45.5487
Hunter-Lab	60.6974, 19.4255, 18.1285

Details

The XYZ color **42.7249, 36.8418, 24.9380** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.4699, 49.9078, 73.0930**, and the grayscale version is **35.8662, 37.7340, 41.0923**.

A 20% lighter version of the original color is **70.1325, 65.8638, 52.1966**, and **19.9646, 16.2081, 9.2839** is the 20% darker color. If you saturate the color by 10%, you get **39.0161, 31.4489, 17.4598**, and if you desaturate by 10%, it is **47.1353, 43.1504, 34.1534**.

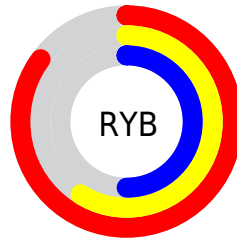
Distribution



Red (85%)

Green (57%)

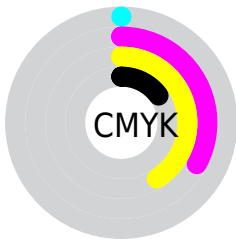
Blue (50%)



Red (85%)

Yellow (59%)

Blue (50%)

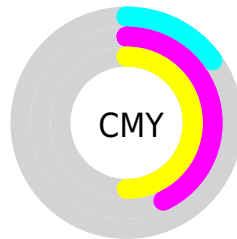


Cyan (0%)

Magenta (33%)

Yellow (41%)

Black (15%)



Cyan (15%)


Magenta (43%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.7249, 36.8418, 24.9380 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 42.7249, 36.8418, 24.9380 by changing the saturation by 10% instead.


 42.7249, 36.8418,
24.9380


 42.7249, 36.8418,
24.9380


348.4199,
332.6251, 290.9668

 29.8629, 25.0850,
15.8123


 78.5539, 70.3294,
52.5195

 19.8821, 16.1404,
9.2385


 102.2515, 92.8290,
71.8123

 12.4171, 9.6236,
4.7981


 130.2918,
119.6784, 95.3313

 7.1027, 5.1501,
2.0727

163.0401,
151.2619, 123.4949

 3.5733, 2.3356,
0.5994

200.8617,
187.9639, 156.7218

 1.4637, 0.7925,
0.0000

244.1219,

 0.3009, 0.0000,

230.1689, 195.4303

0.0000

293.1862,
278.2611, 240.0392

■ 0.0000, 0.0000,
0.0000

■ 42.7249, 36.8418,
24.9380

■ 42.7249, 36.8418,
24.9380

■ 39.0161, 31.4489,
17.4598

■ 47.1353, 43.1504,
34.1534

■ 35.9687, 26.9233,
11.6068

■ 52.2789, 50.4092,
45.2040

■ 33.5430, 23.2204,
7.2573

■ 58.1887, 58.6576,
58.1831

■ 31.6931, 20.2892,
4.2713

■ 64.8948, 67.9313,
73.1770

■ 30.3663, 18.0726,
2.4819

■ 72.4256, 78.2639,
90.2666

■ 29.5853, 16.6919,
1.6625

■ 80.4519, 89.5451,
107.6514

■ 82.4252, 93.4917,
108.3092

Harmonies

Analogous

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



45.1841, 36.8418, 35.3582



42.7249, 36.8418, 24.9380



38.2720, 36.8418, 19.5829

Triad

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



42.7249, 36.8418, 24.9380



26.8214, 36.8418, 31.7302



36.7768, 36.8418, 73.1489

Complementary

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



42.7249, 36.8418, 24.9380



41.4699, 49.9078, 73.0930

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.



31.9520, 36.8418, 71.5254



42.7249, 36.8418, 24.9380



26.5024, 36.8418, 45.2791

Square

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



42.7249, 36.8418, 24.9380



29.2135, 36.8418, 22.8202



28.2969, 36.8418, 60.4589



41.5423, 36.8418, 64.4805

Rectangle

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



42.7249, 36.8418, 24.9380



34.9301, 36.8418, 18.6367



28.2969, 36.8418, 60.4589



35.1041, 36.8418, 73.8309

Sweetspot

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



42.7258, 36.8436, 24.9387



83.2861, 83.7380, 82.5792



46.5135, 34.0543, 58.1545



17.5745, 17.5727, 17.1177



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.



42.7258, 36.8436, 24.9387



56.7291, 46.0567, 26.1498



50.8595, 53.1110, 27.6500



13.2778, 13.4949, 13.6305



17.9719, 10.2293, 1.0272



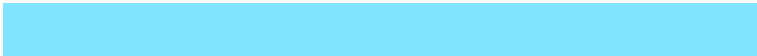
1.2274, 0.7889, 0.0876

Inverse Universe

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



41.4699, 49.9078, 73.0930



54.6415, 67.2993, 104.7179



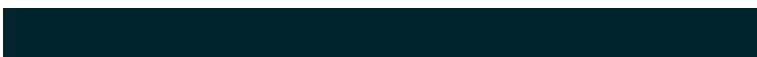
32.8327, 32.6333, 70.2139



13.1993, 14.3384, 16.7240



16.4966, 20.8625, 42.8958



1.1283, 1.4708, 2.7989

Previews

White Background



This preview shows how the XYZ color 42.7249, 36.8418, 24.9380 looks on a white background.

Color Contrast Check

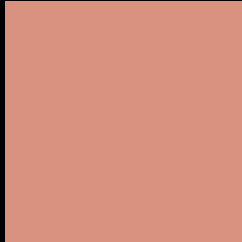
Large Text (above 18pt) WCAG AA × Fail

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 42.7249, 36.8418, 24.9380 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 42.7249, 36.8418, 24.9380

Background



This preview shows how black text looks on a background with the XYZ color 42.7249, 36.8418, 24.9380.



This preview shows how white text looks on a background with the XYZ color 42.7249, 36.8418,

24.9380.

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

42.7249, 36.8418, 24.9380

Protanopia

34.8822, 37.1844, 28.2605

Deuteranopia

37.7510, 36.9321, 24.5409



Tritanopia

44.6362, 36.7060, 34.8694

Trichromacy



Original Color

42.7249, 36.8418, 24.9380

Protanomaly

37.2081, 36.5987, 26.9330

Deuteranomaly

39.5142, 36.8454, 24.7679

Tritanomaly

43.7699, 36.5640, 31.1362

Monochromacy



Original Color

42.7249, 36.8418, 24.9380

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

37.5799, 36.8784, 34.4157

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.7249, 36.8418, 24.9380 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, 146, 127)` looks like.

```
.text, #text, p{  
    color:rgb(217, 146, 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, 146, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 146, 127) }
```

Border

The CSS property to change the border of an element to XYZ 42.7249, 36.8418, 24.9380 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, 146, 127) }
```


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

```
.border{ border-color:rgb(217, 146, 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, 146, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 146, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 146, 127);  
box-shadow:4px 4px 4px 4px rgb(217, 146,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 42.7249, 36.8418, 24.9380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 146, 127) }
```

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

```
.background{ background-color: rgb(217,  
146, 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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