

Converting Colors

XYZ(49.0987, 44.9868, 44.1257)

Have a look what the booklet for
XYZ(49.0987, 44.9868, 44.1257)
contains.

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Color

**XYZ(49.0987, 44.9868,
44.1257)**

Conversions

Conversions Part 1

Format	Color
Hex	D7A7AA
RGB	215, 167, 170
RGB Percent	84%, 65%, 67%
CMY	0.1569, 0.3451, 0.3333
CMYK	0.00, 0.22, 0.21, 0.16
HSL	356°, 37%, 75%
HSV	356°, 22%, 84%
XYZ	49.0987, 44.9868, 44.1257
YIQ	181.6940, 27.6450, 11.1090

Conversions

Conversions Part 2

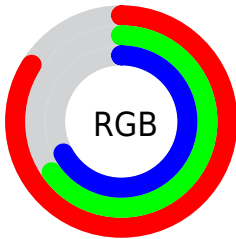
Format	Color
R _Y B	215, 167, 170
Decimal	14133162
CIE Lab	72.88, 18.07, 5.24
CIE LCh	73, 18.815, 16.179
Yxy	44.9868, 0.3552, 0.3255
Android (android.graphics.Color)	4292323242 (0xFFD7A7AA)
YUV	181.6940, -5.7651, 29.2094
Hunter-Lab	67.0722, 13.2906, 7.9446

Details

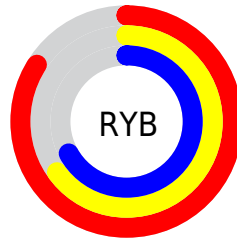
The XYZ color **49.0987, 44.9868, 44.1257** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.1223, 61.5708, 71.4276**, and the grayscale version is **44.3179, 46.6258, 50.7755**.

A 20% lighter version of the original color is **80.9519, 78.9388, 82.2042**, and **23.6988, 20.9404, 19.9324** is the 20% darker color. If you saturate the color by 10%, you get **43.7196, 37.0497, 33.6350**, and if you desaturate by 10%, it is **55.4275, 54.3546, 56.3766**.

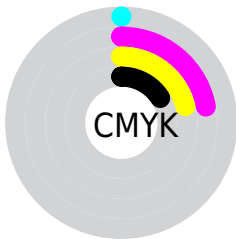
Distribution



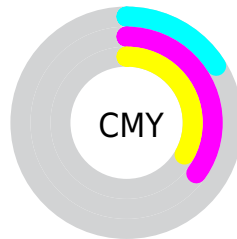
- Red (84%)
- Green (65%)
- Blue (67%)



- Red (84%)
- Yellow (65%)
- Blue (67%)



- Cyan (0%)
- Magenta (22%)
- Yellow (21%)
- Black (16%)





- Cyan (16%)
- Magenta (35%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.0987, 44.9868, 44.1257 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 49.0987, 44.9868, 44.1257 by changing the saturation by 10% instead.

 49.0987, 44.9868,
44.1257


 49.0987, 44.9868,
44.1257


373.6413,
366.7201, 379.2773

 34.9126, 31.4470,
30.4314


 88.0379, 82.7006,
82.7113

 23.7618, 20.9395,
19.9115


 113.5217,
107.6434, 108.4398

 15.2808, 13.0798,
12.1473


143.5021,
137.1561, 139.0167

 9.1043, 7.4835,
6.7203

178.3446,
171.6229, 174.8607

 4.8669, 3.7663,
3.2120

218.4143,
211.4283, 216.3901

 2.2033, 1.5437,
1.2039

264.0768,

 0.7445, 0.3192,

256.9567, 264.0237

0.0000

315.6973,
308.5925, 318.1799

■ 0.0000, 0.0000,
0.0000

■ 49.0987, 44.9868,
44.1257

■ 49.0987, 44.9868,
44.1257

■ 43.7196, 37.0497,
33.6350

■ 55.4275, 54.3546,
56.3766

■ 39.2409, 30.4670,
24.8209

■ 62.7448, 65.2120,
70.4604

■ 35.6144, 25.1650,
17.5974

■ 71.0918, 77.6223,
86.4490

■ 32.7859, 21.0602,
11.8696

■ 80.5063, 91.6431,
104.4098

■ 30.6952, 18.0595,
7.5326

■ 81.8344, 93.1871,
108.2815

■ 29.2732, 16.0559,
4.4678

■ 28.4378, 14.9210,
2.5368

■ 28.0998, 14.4773,
1.7085

Harmonies

Analogous

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



49.1723, 44.9868, 53.4206



49.0987, 44.9868, 44.1257



47.2706, 44.9868, 37.0846

Triad

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



49.0987, 44.9868, 44.1257



38.3724, 44.9868, 37.5225



41.2713, 44.9868, 68.6744

Complementary

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



49.0987, 44.9868, 44.1257



52.1223, 61.5708, 71.4276

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.



38.5433, 44.9868, 63.1877



49.0987, 44.9868, 44.1257



36.9283, 44.9868, 44.7982

Square

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



49.0987, 44.9868, 44.1257



41.0271, 44.9868, 33.6184



36.9892, 44.9868, 54.1842



44.5381, 44.9868, 68.4339

Rectangle

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



49.0987, 44.9868, 44.1257



45.3537, 44.9868, 34.2623



36.9892, 44.9868, 54.1842



40.2644, 44.9868, 67.4113

Sweetspot

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



49.0999, 44.9889, 44.1266



87.0391, 88.1039, 93.5108



53.1794, 46.5132, 70.4653



18.4896, 18.6496, 19.7450



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.



49.0999, 44.9889, 44.1266



68.1738, 60.1783, 56.9944



52.9412, 53.1198, 44.0247



12.4544, 12.4332, 13.0670



16.8204, 8.6645, 1.0924



1.0258, 0.5271, 0.1254

Inverse Universe

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



49.0999, 44.9889, 44.1266



68.1738, 60.1783, 56.9944



47.5402, 51.7962, 71.7822



12.4544, 12.4332, 13.0670



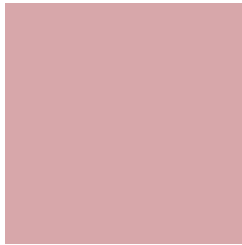
16.8204, 8.6645, 1.0924



1.0258, 0.5271, 0.1254

Previews

White Background



This preview shows how the XYZ color 49.0987, 44.9868, 44.1257 looks on a white background.

Color Contrast Check

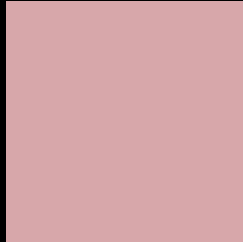
Large Text (above 18pt) WCAG AA × Fail

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 49.0987, 44.9868, 44.1257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

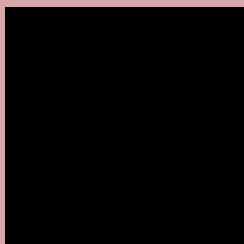
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.0987, 44.9868, 44.1257

Background



This preview shows how black text looks on a background with the XYZ color 49.0987, 44.9868, 44.1257.



This preview shows how white text looks on a background with the XYZ color 49.0987, 44.9868,

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

49.0987, 44.9868, 44.1257

Protanopia

43.2853, 45.0427, 47.4870

Deuteranopia

45.9244, 45.0311, 43.8075



Tritanopia

49.9910, 45.0857, 48.1871

Trichromacy



Original Color

49.0987, 44.9868, 44.1257

Protanomaly

45.2817, 44.9302, 46.3302

Deuteranomaly

46.9012, 44.9695, 43.7441

Tritanomaly

49.6930, 44.9665, 46.6177

Monochromacy



Original Color

49.0987, 44.9868, 44.1257

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

46.0062, 46.1280, 48.5983

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.0987, 44.9868, 44.1257 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(215, 167, 170)` looks like.

```
.text, #text, p{  
    color:rgb(215, 167, 170)  
}
```

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(215, 167, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 167, 170) }
```

Border

The CSS property to change the border of an element to XYZ 49.0987, 44.9868, 44.1257 is called "border". The border property can be set on classes, ids or directly on the HTML element.

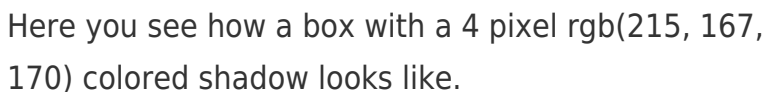
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(215, 167, 170) }
```


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

```
.border{ border-color:rgb(215, 167, 170) }
```

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



Here you see how a box with a 4 pixel `rgb(215, 167, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 167, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 167, 170);  
box-shadow:4px 4px 4px 4px rgb(215, 167,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 49.0987, 44.9868, 44.1257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 167, 170) }
```

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

```
.background{ background-color: rgb(215,  
167, 170) }
```

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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