

Converting Colors

XYZ(48.8393, 44.0010, 42.7746)

Have a look what the booklet for
XYZ(48.8393, 44.0010, 42.7746)
contains.

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Color

**XYZ(48.9586, 44.1298,
42.9833)**

Conversions

Conversions Part 1

Format	Color
Hex	D9A4A8
RGB	217, 164, 168
RGB Percent	85%, 64%, 66%
CMY	0.1490, 0.3568, 0.3412
CMYK	0.00, 0.24, 0.23, 0.15
HSL	355°, 41%, 75%
HSV	355°, 24%, 85%
XYZ	48.9586, 44.1298, 42.9833
YIQ	180.3030, 30.3040, 12.4800

Conversions

Conversions Part 2

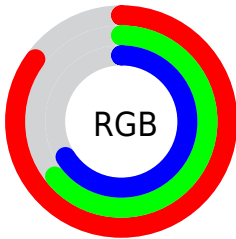
Format	Color
R _Y B	217, 164, 168
Decimal	14263464
CIE Lab	72.32, 20.14, 5.55
CIE LCh	72, 20.888, 15.414
Yxy	44.1298, 0.3598, 0.3243
Android (android.graphics.Color)	4292453544 (0xFFD9A4A8)
YUV	180.3030, -6.0654, 32.1833
Hunter-Lab	66.4303, 15.3002, 8.1379

Details

The XYZ color **48.9586, 44.1298, 42.9833** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.1347, 62.3233, 72.2357**, and the grayscale version is **43.5664, 45.8352, 49.9146**.

A 20% lighter version of the original color is **79.8908, 77.2507, 80.5122**, and **23.6445, 20.4264, 19.2195** is the 20% darker color. If you saturate the color by 10%, you get **43.6742, 36.3249, 32.7005**, and if you desaturate by 10%, it is **55.1964, 53.3793, 55.0078**.

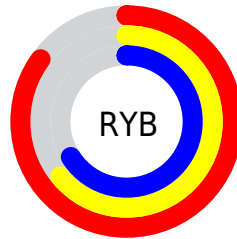
Distribution



Red (85%)

Green (64%)

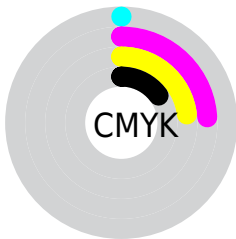
Blue (66%)



Red (85%)

Yellow (64%)

Blue (66%)

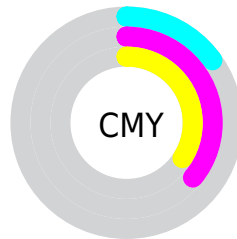


Cyan (0%)

Magenta (24%)

Yellow (23%)

Black (15%)



Cyan (15%)


Magenta (36%)

Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.9586, 44.1298, 42.9833 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 48.9586, 44.1298, 42.9833 by changing the saturation by 10% instead.


 48.9586, 44.1298,
42.9833


 48.9586, 44.1298,
42.9833


373.0990,
363.2377, 374.4623

 34.8010, 30.7726,
29.5407


 87.8311, 81.4130,
80.9717

 23.6754, 20.4257,
19.2411


 113.2767,
106.1078, 106.3547

 15.2165, 12.7049,
11.6661


143.2157,
135.3506, 136.5548

 9.0588, 7.2256,
6.3970

178.0134,
169.5257, 171.9907

 4.8369, 3.6036,
3.0153

218.0353,
209.0176, 213.0808

 2.1857, 1.4544,
1.1024

263.6466,

 0.7352, 0.2563,

254.2106, 260.2438

0.0000

315.2127,
305.4892, 313.8981

0.0000, 0.0000,
0.0000

48.9586, 44.1298,
42.9833

48.9586, 44.1298,
42.9833

43.6742, 36.3249,
32.7005

55.1964, 53.3793,
55.0078

39.2928, 29.8860,
24.0760

62.4276, 64.1346,
68.8467

35.7649, 24.7362,
17.0238

70.6943, 76.4610,
84.5717

33.0346, 20.7887,
11.4489

80.0350, 90.4180,
102.2500

31.0394, 17.9459,
7.2460

82.4254, 93.4918,
108.3092

■ 29.7075, 16.0950,
4.2960

■ 28.9524, 15.0990,
2.4593

■ 28.7116, 14.7903,
1.8460

Harmonies

Analogous

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



48.9872, 44.1298, 53.2036



48.9586, 44.1298, 42.9833



46.9800, 44.1298, 35.2978

Triad

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



48.9586, 44.1298, 42.9833



37.2163, 44.1298, 35.4626



40.2292, 44.1298, 69.8398

Complementary

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



48.9586, 44.1298, 42.9833



52.1347, 62.3233, 72.2357

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.



37.2815, 44.1298, 63.5538



48.9586, 44.1298, 42.9833



35.6105, 44.1298, 43.2401

Square

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



48.9586, 44.1298, 42.9833



40.1355, 44.1298, 31.3967



35.6337, 44.1298, 53.4997



43.8061, 44.1298, 69.7449

Rectangle

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



48.9586, 44.1298, 42.9833



44.8828, 44.1298, 32.2181



35.6337, 44.1298, 53.4997



39.1364, 44.1298, 68.3676

Sweetspot

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



48.9598, 44.1318, 42.9842



87.0732, 88.1175, 93.6905



53.1210, 45.6467, 71.6568



18.4975, 18.6528, 19.7865



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.



48.9598, 44.1318, 42.9842



66.7037, 57.8999, 54.4640



52.8939, 52.5866, 42.4870



13.0957, 13.0674, 13.7651



17.3953, 8.9592, 1.1957



1.1412, 0.5861, 0.1524

Inverse Universe

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



48.9598, 44.1318, 42.9842



66.7037, 57.8999, 54.4640



47.3324, 51.8969, 73.1683



13.0957, 13.0674, 13.7651



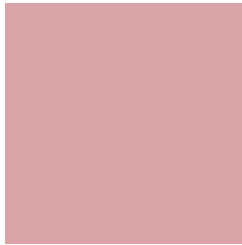
17.3953, 8.9592, 1.1957



1.1412, 0.5861, 0.1524

Previews

White Background



This preview shows how the XYZ color 48.9586, 44.1298, 42.9833 looks on a white background.

Color Contrast Check

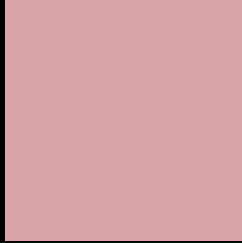
Large Text (above 18pt) WCAG AA × Fail

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 48.9586, 44.1298, 42.9833 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

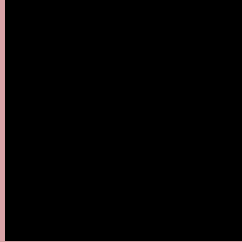
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.9586, 44.1298, 42.9833

Background



This preview shows how black text looks on a background with the XYZ color 48.9586, 44.1298, 42.9833.



This preview shows how white text looks on a background with the XYZ color 48.9586, 44.1298,

42.9833.

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

48.9586, 44.1298, 42.9833

Protanopia

42.5161, 44.3632, 46.8796

Deuteranopia

45.2808, 44.4372, 42.7499



Tritanopia

49.7485, 44.1950, 46.4659

Trichromacy



Original Color

48.9586, 44.1298, 42.9833

Protanomaly

44.4471, 43.9529, 45.1709

Deuteranomaly

46.6166, 44.2878, 42.6506

Tritanomaly

49.4570, 44.0784, 44.9310

Monochromacy



Original Color

48.9586, 44.1298, 42.9833

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

44.9648, 44.7441, 47.3409

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.9586, 44.1298, 42.9833 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, 168)` looks like.

```
.text, #text, p{  
    color:rgb(217, 164, 168)  
}
```

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, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 164, 168) }
```

Border

The CSS property to change the border of an element to XYZ 48.9586, 44.1298, 42.9833 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, 168) }
```


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

```
.border{ border-color:rgb(217, 164, 168) }
```

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, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 164, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 164, 168);  
box-shadow:4px 4px 4px 4px rgb(217, 164,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 48.9586, 44.1298, 42.9833 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, 168) }
```

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

```
.background{ background-color: rgb(217,  
164, 168) }
```

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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