

Converting Colors

XYZ(49.2462, 47.1381, 44.3692)

Have a look what the booklet for
XYZ(49.2462, 47.1381, 44.3692)
contains.

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Color

**XYZ(49.2557, 47.0233,
44.5106)**

Conversions

Conversions Part 1

Format	Color
Hex	D3AEAA
RGB	211, 174, 170
RGB Percent	83%, 68%, 67%
CMY	0.1725, 0.3176, 0.3333
CMYK	0.00, 0.18, 0.19, 0.17
HSL	6°, 32%, 75%
HSV	6°, 19%, 83%
XYZ	49.2557, 47.0233, 44.5106
YIQ	184.6070, 23.3360, 6.6000

Conversions

Conversions Part 2

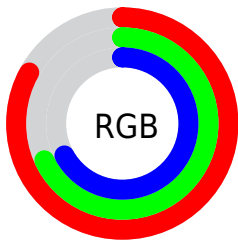
Format	Color
R _Y B	211, 174, 170
Decimal	13872810
CIE Lab	74.20, 12.80, 7.09
CIE LCh	74, 14.635, 28.987
Yxy	47.0233, 0.3499, 0.3340
Android (android.graphics.Color)	4292062890 (0xFFD3AEAA)
YUV	184.6070, -7.2013, 23.1467
Hunter-Lab	68.5735, 8.2111, 9.5168

Details

The XYZ color **49.2557, 47.0233, 44.5106** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.6477, 57.8733, 70.1295**, and the grayscale version is **45.9266, 48.3183, 52.6186**.

A 20% lighter version of the original color is **83.1274, 83.2899, 82.9294**, and **23.9398, 22.2950, 20.1811** is the 20% darker color. If you saturate the color by 10%, you get **43.9967, 39.4471, 33.6877**, and if you desaturate by 10%, it is **55.3591, 55.7747, 57.1966**.

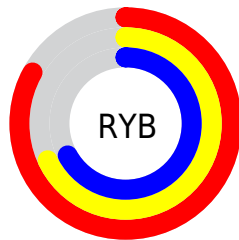
Distribution



Red (83%)

Green (68%)

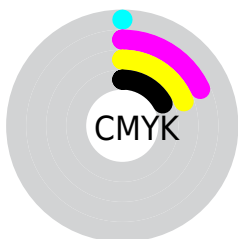
Blue (67%)



Red (83%)

Yellow (68%)

Blue (67%)

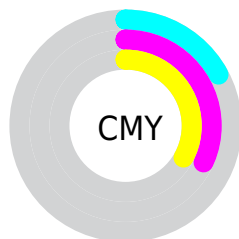


Cyan (0%)

Magenta (18%)

Yellow (19%)

Black (17%)



Cyan (17%)

Magenta (32%)

Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.2557, 47.0233, 44.5106 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 49.2557, 47.0233, 44.5106 by changing the saturation by 10% instead.


 49.2557, 47.0233,
44.5106

 49.2557, 47.0233,
44.5106


374.2484,
374.9075, 380.8900

 35.0377, 33.0541,
30.7320


 88.2695, 85.7484,
83.2962

 23.8586, 22.1679,
20.1381


113.7961,
111.2731, 109.1402

 15.3529, 13.9803,
12.3104


143.8230,
141.4183, 139.8431

 9.1554, 8.1070,
6.8303

178.7154,
176.5686, 175.8235

 4.9006, 4.1635,
3.2794

218.8388,
217.1083, 217.4998

 2.2232, 1.7654,
1.2390

264.5585,

 0.7549, 0.4655,

263.4217, 265.2907

0.0110

316.2399,
315.8933, 319.6145

■ 0.0000, 0.0000,
0.0000

■ 49.2557, 47.0233,
44.5106

■ 49.2557, 47.0233,
44.5106

■ 43.9967, 39.4471,
33.6877

■ 55.3591, 55.7747,
57.1966

■ 39.5411, 32.9899,
24.6372

■ 62.3377, 65.7416,
71.8245

■ 35.8504, 27.6005,
17.2656

■ 70.2257, 76.9704,
88.4723

■ 32.8812, 23.2213,
11.4692

■ 79.0541, 89.5030,
107.2126

■ 30.5860, 19.7892,
7.1332

■ 80.6741, 92.5889,
108.2272

■ 28.9113, 17.2339,
4.1270

■ 27.7954, 15.4753,
2.2964

■ 27.1517, 14.4136,
1.3855

■ 27.1251, 14.3709,
1.3442

Harmonies

Analogous

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



49.9325, 47.0233, 51.4563



49.2557, 47.0233, 44.5106



47.3452, 47.0233, 39.7852

Triad

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



49.2557, 47.0233, 44.5106



40.5070, 47.0233, 44.1087



44.6051, 47.0233, 67.0538

Complementary

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



49.2557, 47.0233, 44.5106



50.6477, 57.8733, 70.1295

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.



42.1441, 47.0233, 64.6136



49.2557, 47.0233, 44.5106



39.8358, 47.0233, 50.9453

Square

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



49.2557, 47.0233, 44.5106



42.2929, 47.0233, 39.5696



40.4235, 47.0233, 58.5290



47.1848, 47.0233, 64.9124

Rectangle

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



49.2557, 47.0233, 44.5106



45.6653, 47.0233, 38.2831



40.4235, 47.0233, 58.5290



43.7371, 47.0233, 66.7384

Sweetspot

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



49.2570, 47.0254, 44.5116



88.4364, 90.5591, 95.0232



52.5731, 47.1325, 65.7330



18.7815, 19.1724, 20.0300



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.



49.2570, 47.0254, 44.5116



72.3825, 67.5390, 61.6550



53.3933, 55.2981, 45.8904



11.9003, 11.9913, 12.2994



16.4042, 8.7414, 0.8227



0.9497, 0.5538, 0.0568

Inverse Universe

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



50.6477, 57.8733, 70.1295



74.8660, 86.9225, 107.4396



46.1240, 48.8258, 68.6216



12.0556, 13.2015, 15.1564



18.3020, 25.2506, 41.1017



1.0526, 1.4704, 2.3079

Previews

White Background



This preview shows how the XYZ color 49.2557, 47.0233, 44.5106 looks on a white background.

Color Contrast Check

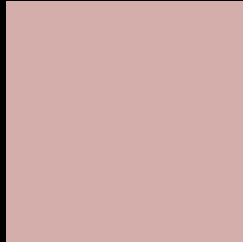
Large Text (above 18pt) WCAG AA × Fail

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 49.2557, 47.0233, 44.5106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

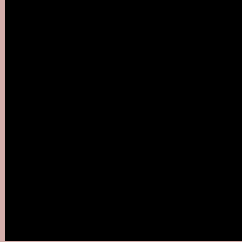
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.2557, 47.0233, 44.5106

Background



This preview shows how black text looks on a background with the XYZ color 49.2557, 47.0233, 44.5106.



This preview shows how white text looks on a background with the XYZ color 49.2557, 47.0233,

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

49.2557, 47.0233, 44.5106

Protanopia

45.1070, 47.2033, 46.7781

Deuteranopia

47.9579, 46.9321, 44.5614



Tritanopia

50.9501, 47.1540, 52.3152

Trichromacy



Original Color

49.2557, 47.0233, 44.5106

Protanomaly

46.4279, 46.9931, 46.1587

Deuteranomaly

48.3178, 46.8276, 44.5222

Tritanomaly

50.3332, 47.1795, 49.6337

Monochromacy



Original Color

49.2557, 47.0233, 44.5106

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

47.0102, 47.8124, 49.9310

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.2557, 47.0233, 44.5106 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(211, 174, 170)` looks like.

```
.text, #text, p{  
    color:rgb(211, 174, 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(211, 174, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 174, 170) }
```

Border

The CSS property to change the border of an element to XYZ 49.2557, 47.0233, 44.5106 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(211, 174, 170) }
```


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

```
.border{ border-color:rgb(211, 174, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 174, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 174, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 174, 170);  
box-shadow:4px 4px 4px 4px rgb(211, 174,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 49.2557, 47.0233, 44.5106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 174, 170) }
```

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

```
.background{ background-color: rgb(211,  
174, 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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