

Converting Colors

XYZ(49.8161, 43.6976, 52.7621)

Have a look what the booklet for
XYZ(49.8161, 43.6976, 52.7621)
contains.

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Color

**XYZ(49.9143, 43.8756,
52.8518)**

Conversions

Conversions Part 1

Format	Color
Hex	D7A2BB
RGB	215, 162, 187
RGB Percent	84%, 64%, 73%
CMY	0.1569, 0.3647, 0.2667
CMYK	0.00, 0.25, 0.13, 0.16
HSL	332°, 40%, 74%
HSV	332°, 25%, 84%
XYZ	49.9143, 43.8756, 52.8518
YIQ	180.6970, 23.5630, 19.0110

Conversions

Conversions Part 2

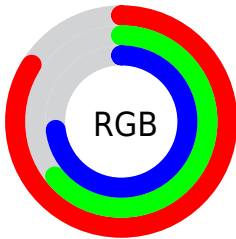
Format	Color
R _Y B	215, 162, 187
Decimal	14131899
CIE Lab	72.15, 23.46, -5.21
CIE LCh	72, 24.031, 347.490
Yxy	43.8756, 0.3404, 0.2992
Android (android.graphics.Color)	4292321979 (0xFFD7A2BB)
YUV	180.6970, 3.1074, 30.0837
Hunter-Lab	66.2387, 18.5914, -0.9404

Details

The XYZ color **49.9143, 43.8756, 52.8518** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.4968, 60.0011, 57.7433**, and the grayscale version is **43.7333, 46.0109, 50.1058**.

A 20% lighter version of the original color is **82.2305, 77.3568, 95.3914**, and **24.3762, 20.3467, 25.1968** is the 20% darker color. If you saturate the color by 10%, you get **45.2777, 36.4717, 45.5421**, and if you desaturate by 10%, it is **55.2971, 52.6169, 60.8859**.

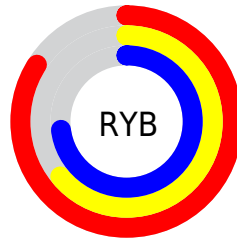
Distribution



Red (84%)

Green (64%)

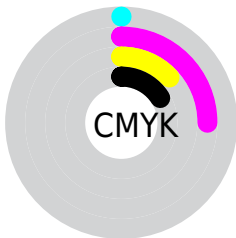
Blue (73%)



Red (84%)

Yellow (64%)

Blue (73%)

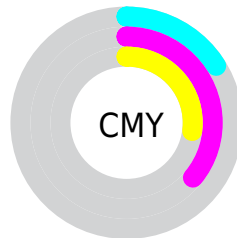


Cyan (0%)

Magenta (25%)

Yellow (13%)

Black (16%)



Cyan (16%)


Magenta (36%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.9143, 43.8756, 52.8518 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 49.9143, 43.8756, 52.8518 by changing the saturation by 10% instead.

 49.9143, 43.8756,
52.8518


 49.9143, 43.8756,
52.8518


376.7882,
362.2004, 414.7664

 35.5628, 30.5727,
37.2976


 89.2405, 81.0305,
95.8256

 24.2653, 20.2737,
25.1404

 114.9459,
105.6513, 124.0822

 15.6563, 12.5942,
15.9617


145.1666,
134.8136, 157.4101

 9.3706, 7.1497,
9.3430

180.2681,
168.9017, 196.2277

 5.0427, 3.5559,
4.8657

220.6157,
208.3001, 240.9536

 2.3074, 1.4284,
2.1113

266.5746,

 0.7984, 0.2375,

253.3930, 292.0063

0.6225

318.5104,
304.5650, 349.8044

■ 0.0000, 0.0000,
0.0000

■ 49.9143, 43.8756,
52.8518

■ 49.9143, 43.8756,
52.8518

■ 45.2777, 36.4717,
45.5421

■ 55.2971, 52.6169,
60.8859

■ 41.3484, 30.3326,
38.9313

■ 61.4551, 62.7516,
69.6631

■ 38.0895, 25.3876,
32.9964

■ 68.4203, 74.3399,
79.2048

■ 35.4591, 21.5567,
27.7117

■ 76.2215, 87.4365,
89.5305

■ 33.4103, 18.7500,
23.0493

■ 80.0830, 92.4866,
99.0580

■ 31.8890, 16.8634,
18.9782

■ 81.8346, 93.1872,
108.2815

■ 30.8296, 15.7701,
15.4633

■ 30.3935, 15.3948,
13.7864

Harmonies

Analogous

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



47.8117, 43.8756, 64.7805



49.9143, 43.8756, 52.8518



49.7139, 43.8756, 41.2807

Triad

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



49.9143, 43.8756, 52.8518



39.3692, 43.8756, 29.2547



36.5808, 43.8756, 66.5015

Complementary

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



49.9143, 43.8756, 52.8518



48.4968, 60.0011, 57.7433

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.



34.6015, 43.8756, 54.9128



49.9143, 43.8756, 52.8518



36.1371, 43.8756, 34.0379

Square

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



49.9143, 43.8756, 52.8518



43.4400, 43.8756, 28.8886



34.4446, 43.8756, 43.0306



40.0118, 43.8756, 73.4880

Rectangle

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



49.9143, 43.8756, 52.8518



48.3013, 43.8756, 35.2652



34.4446, 43.8756, 43.0306



35.7337, 43.8756, 62.9357

Sweetspot

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



49.9156, 43.8776, 52.8527



88.1361, 88.5427, 99.2876



46.2693, 41.6171, 69.8848



18.7431, 18.7510, 21.0799



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.



49.9156, 43.8776, 52.8527



69.4722, 58.1850, 71.5780



47.6240, 43.2108, 40.0153



12.6646, 12.5174, 14.1742



18.2315, 9.2289, 8.5233



1.1413, 0.5733, 0.7334

Inverse Universe

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



49.9156, 43.8776, 52.8527



69.4722, 58.1850, 71.5780



51.2435, 60.7409, 73.3138



12.6646, 12.5174, 14.1742



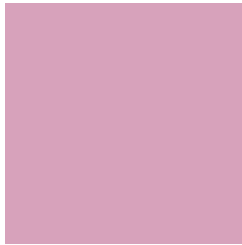
18.2315, 9.2289, 8.5233



1.1413, 0.5733, 0.7334

Previews

White Background



This preview shows how the XYZ color 49.9143, 43.8756, 52.8518 looks on a white background.

Color Contrast Check

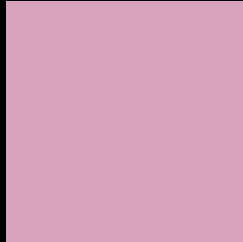
Large Text (above 18pt) WCAG AA × Fail

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 49.9143, 43.8756, 52.8518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

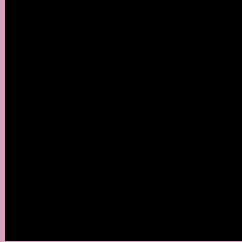
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.9143, 43.8756, 52.8518

Background



This preview shows how black text looks on a background with the XYZ color 49.9143, 43.8756, 52.8518.



This preview shows how white text looks on a background with the XYZ color 49.9143, 43.8756,

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

49.9143, 43.8756, 52.8518

Protanopia

43.1683, 44.1502, 58.4712

Deuteranopia

44.9953, 44.0842, 52.0365



Tritanopia

48.8435, 43.9816, 46.9893

Trichromacy



Original Color

49.9143, 43.8756, 52.8518

Protanomaly

45.4238, 43.9232, 56.5360

Deuteranomaly

46.6850, 43.8298, 52.4538

Tritanomaly

49.0670, 43.7858, 49.0454

Monochromacy



Original Color

49.9143, 43.8756, 52.8518

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

45.6756, 45.0285, 51.0837

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.9143, 43.8756, 52.8518 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, 162, 187)` looks like.

```
.text, #text, p{  
    color:rgb(215, 162, 187)  
}
```

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, 162, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 162, 187) }
```

Border

The CSS property to change the border of an element to XYZ 49.9143, 43.8756, 52.8518 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, 162, 187) }
```


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

```
.border{ border-color:rgb(215, 162, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 162, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 162, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 162, 187);  
box-shadow:4px 4px 4px 4px rgb(215, 162,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 49.9143, 43.8756, 52.8518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 162, 187) }
```

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

```
.background{ background-color: rgb(215,  
162, 187) }
```

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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