

Converting Colors

XYZ(49.7640, 43.9540, 45.8459)

Have a look what the booklet for
XYZ(49.7640, 43.9540, 45.8459)
contains.

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Color

**XYZ(49.7737, 43.9567,
45.9055)**

Conversions

Conversions Part 1

Format	Color
Hex	DBA2AE
RGB	219, 162, 174
RGB Percent	86%, 64%, 68%
CMY	0.1412, 0.3647, 0.3176
CMYK	0.00, 0.26, 0.21, 0.14
HSL	347°, 44%, 75%
HSV	347°, 26%, 86%
XYZ	49.7737, 43.9567, 45.9055
YIQ	180.4110, 30.1200, 15.8160

Conversions

Conversions Part 2

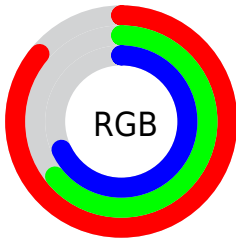
Format	Color
RYB	219, 162, 174
Decimal	14394030
CIELab	72.20, 22.85, 2.10
CIELCh	72, 22.943, 5.252
Yxy	43.9567, 0.3565, 0.3148
Android (android.graphics.Color)	4292584110 (0xFFDBA2AE)
YUV	180.4110, -3.1606, 33.8426
Hunter-Lab	66.2998, 17.9817, 5.3580

Details

The XYZ color **49.7737, 43.9567, 45.9055** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.4961, 62.8505, 68.4518**, and the grayscale version is **43.6094, 45.8805, 49.9639**.

A 20% lighter version of the original color is **80.1957, 76.5429, 84.6762**, and **24.1930, 20.3435, 21.0639** is the 20% darker color. If you saturate the color by 10%, you get **44.6681, 36.2715, 36.4156**, and if you desaturate by 10%, it is **55.7705, 53.0763, 56.7641**.

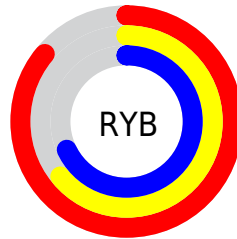
Distribution



Red (86%)

Green (64%)

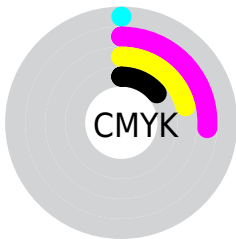
Blue (68%)



Red (86%)

Yellow (64%)

Blue (68%)

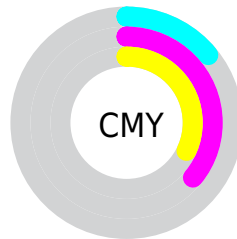


Cyan (0%)

Magenta (26%)

Yellow (21%)

Black (14%)



Cyan (14%)

Magenta (36%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.7737, 43.9567, 45.9055 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 49.7737, 43.9567, 45.9055 by changing the saturation by 10% instead.


 49.7737, 43.9567,
45.9055


 49.7737, 43.9567,
45.9055


376.2469,
362.5316, 386.6951

 35.4507, 30.6365,
31.8231


 89.0333, 81.1526,
85.4103

 24.1784, 20.3222,
20.9627


 114.7006,
105.7970, 111.6699

 15.5915, 12.6295,
12.9058

144.8801,
134.9850, 142.8256

 9.3245, 7.1739,
7.2337

179.9370,
169.1009, 179.2960

 5.0123, 3.5711,
3.5281

220.2368,
208.5291, 221.4996

 2.2893, 1.4367,
1.3702

266.1449,

 0.7892, 0.2435,

253.6540, 269.8550

0.1183

318.0264,
304.8600, 324.7806

■ 0.0000, 0.0000,
0.0000

■ 49.7737, 43.9567,
45.9055

■ 49.7737, 43.9567,
45.9055

■ 44.6681, 36.2715,
36.4156

■ 55.7705, 53.0763,
56.7641

■ 40.4071, 29.9418,
28.2368

■ 62.6951, 63.6919,
69.0404

■ 36.9452, 24.8900,
21.3112

■ 70.5861, 75.8691,
82.7843

■ 34.2310, 21.0286,
15.5757

■ 79.4792, 89.6675,
98.0426

■ 32.2070, 18.2586,
10.9612

■ 83.0236, 93.8001,
108.3372

■ 30.8069, 16.4651,
7.3913

■ 29.9499, 15.5058,
4.7784

■ 29.7085, 15.2581,
3.9737

Harmonies

Analogous

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



49.0324, 43.9567, 57.5149



49.7737, 43.9567, 45.9055



48.2660, 43.9567, 36.4150

Triad

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



49.7737, 43.9567, 45.9055



37.5639, 43.9567, 32.2609



38.6923, 43.9567, 70.3539

Complementary

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



49.7737, 43.9567, 45.9055



51.4961, 62.8505, 68.4518

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.



35.9019, 43.9567, 61.4854



49.7737, 43.9567, 45.9055



35.2796, 43.9567, 39.3534

Square

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



49.7737, 43.9567, 45.9055



41.0909, 43.9567, 29.3678



34.6907, 43.9567, 49.8720



42.4758, 43.9567, 72.8371

Rectangle

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



49.7737, 43.9567, 45.9055



46.2408, 43.9567, 32.1768



34.6907, 43.9567, 49.8720



37.6148, 43.9567, 67.9593

Sweetspot

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



49.7749, 43.9587, 45.9064



86.3982, 86.6736, 93.7549



51.3424, 44.1723, 72.8382



18.1658, 18.0496, 19.4900



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.



49.7749, 43.9587, 45.9064



66.3352, 56.1229, 57.5478



51.6867, 49.5711, 41.0289



13.1676, 13.0961, 14.1439



17.6482, 9.0603, 2.5277



1.1751, 0.5997, 0.3312

Inverse Universe

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



49.7749, 43.9587, 45.9064



66.3352, 56.1229, 57.5478



49.0086, 55.4384, 75.1358



13.1676, 13.0961, 14.1439



17.6482, 9.0603, 2.5277



1.1751, 0.5997, 0.3312

Previews

White Background



This preview shows how the XYZ color 49.7737, 43.9567, 45.9055 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 49.7737, 43.9567, 45.9055 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 49.7737, 43.9567, 45.9055

Background



This preview shows how black text looks on a background with the XYZ color 49.7737, 43.9567, 45.9055.



This preview shows how white text looks on a background with the XYZ color 49.7737, 43.9567,

45.9055.

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

49.7737, 43.9567, 45.9055

Protanopia

42.5592, 44.0118, 50.5080

Deuteranopia

44.7743, 43.8401, 45.1319



Tritanopia

49.7737, 43.9567, 45.9055

Trichromacy



Original Color

49.7737, 43.9567, 45.9055

Protanomaly

44.9477, 43.8498, 48.7427

Deuteranomaly

46.4473, 43.8598, 45.5529

Tritanomaly

49.7737, 43.9567, 45.9055

Monochromacy



Original Color

49.7737, 43.9567, 45.9055

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

45.2276, 44.5708, 48.3388

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.7737, 43.9567, 45.9055 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(219, 162, 174)` looks like.

```
.text, #text, p{  
    color:rgb(219, 162, 174)  
}
```

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(219, 162, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 162, 174) }
```

Border

The CSS property to change the border of an element to XYZ 49.7737, 43.9567, 45.9055 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(219, 162, 174) }
```


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

```
.border{ border-color:rgb(219, 162, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 162, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 162, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 162, 174);  
box-shadow:4px 4px 4px 4px rgb(219, 162,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 49.7737, 43.9567, 45.9055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 162, 174) }
```

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

```
.background{ background-color: rgb(219,  
162, 174) }
```

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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