

Converting Colors

XYZ(49.4787, 42.5908, 45.7593)

Have a look what the booklet for
XYZ(49.4787, 42.5908, 45.7593)
contains.

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Color

**XYZ(49.5157, 42.5421,
45.6461)**

Conversions

Conversions Part 1

Format	Color
Hex	DD9DAE
RGB	221, 157, 174
RGB Percent	87%, 62%, 68%
CMY	0.1333, 0.3843, 0.3176
CMYK	0.00, 0.29, 0.21, 0.13
HSL	344°, 48%, 74%
HSV	344°, 29%, 87%
XYZ	49.5157, 42.5421, 45.6461
YIQ	178.0740, 32.6870, 18.8550

Conversions

Conversions Part 2

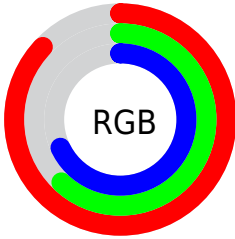
Format	Color
RYB	221, 157, 174
Decimal	14523822
CIELab	71.24, 26.27, 0.73
CIELCh	71, 26.282, 1.601
Yxy	42.5421, 0.3596, 0.3089
Android (android.graphics.Color)	4292713902 (0xFFDD9DAE)
YUV	178.0740, -2.0085, 37.6461
Hunter-Lab	65.2243, 21.3676, 4.1639

Details

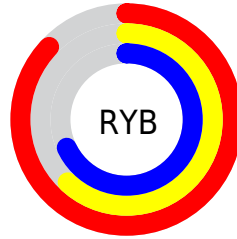
The XYZ color **49.5157, 42.5421, 45.6461** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.6619, 63.2416, 66.6664**, and the grayscale version is **42.3553, 44.5610, 48.5270**.

A 20% lighter version of the original color is **78.9263, 74.0041, 84.2531**, and **24.0815, 19.5076, 20.9085** is the 20% darker color. If you saturate the color by 10%, you get **44.6215, 35.1345, 36.6740**, and if you desaturate by 10%, it is **55.2798, 51.3826, 55.8525**.

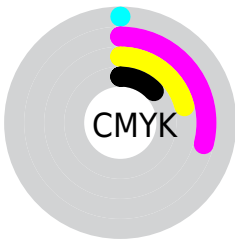
Distribution



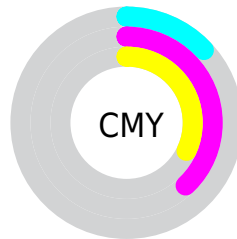
- Red (87%)
- Green (62%)
- Blue (68%)



- Red (87%)
- Yellow (62%)
- Blue (68%)



- Cyan (0%)
- Magenta (29%)
- Yellow (21%)
- Black (13%)





- Cyan (13%)
- Magenta (38%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.5157, 42.5421, 45.6461 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 49.5157, 42.5421, 45.6461 by changing the saturation by 10% instead.


 49.5157, 42.5421,
45.6461


 49.5157, 42.5421,
45.6461


375.2524,
356.7253, 385.6202

 35.2450, 29.5260,
31.6200


 88.6530, 79.0194,
85.0178

 24.0190, 19.4791,
20.8090


 114.2503,
103.2494, 111.2005

 15.4726, 12.0170,
12.7946

144.3538,
131.9862, 142.2724

 9.2402, 6.7552,
7.1582

179.3290,
165.6141, 178.6522

 4.9565, 3.3095,
3.4813

219.5410,
204.5176, 220.7583

 2.2563, 1.2954,
1.3453

265.3554,

 0.7721, 0.1376,

249.0810, 269.0093

0.0985

317.1374,
299.6888, 323.8238

■ 0.0000, 0.0000,
0.0000

■ 49.5157, 42.5421,
45.6461

■ 49.5157, 42.5421,
45.6461

■ 44.6215, 35.1345,
36.6740

■ 55.2798, 51.3826,
55.8525

■ 40.5503, 29.0783,
28.8857

■ 61.9504, 61.7202,
67.3357

■ 37.2563, 24.2927,
22.2310

■ 69.5663, 73.6222,
80.1395

■ 34.6873, 20.6859,
16.6546

■ 78.1630, 87.1503,
94.3047

■ 32.7848, 18.1535,
12.0965

■ 83.6289, 94.1122,
108.3655

■ 31.4800, 16.5727,
8.4901

■ 30.6697, 15.7526,
5.7527

■ 30.6003, 15.6848,
5.5106

Harmonies

Analogous

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



48.3607, 42.5421, 58.8556



49.5157, 42.5421, 45.6461



48.0944, 42.5421, 34.7274

Triad

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



49.5157, 42.5421, 45.6461



36.1532, 42.5421, 28.5657



36.5352, 42.5421, 71.1309

Complementary

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



49.5157, 42.5421, 45.6461



50.6619, 63.2416, 66.6664

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.



33.6353, 42.5421, 60.2446



49.5157, 42.5421, 45.6461



33.4263, 42.5421, 35.7060

Square

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



49.5157, 42.5421, 45.6461



40.1986, 42.5421, 26.0422



32.5384, 42.5421, 47.0028



40.6723, 42.5421, 75.0784

Rectangle

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



49.5157, 42.5421, 45.6461



45.9330, 42.5421, 29.7790



32.5384, 42.5421, 47.0028



35.3942, 42.5421, 68.0747

Sweetspot

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



49.5169, 42.5441, 45.6470



85.5646, 85.1830, 92.9329



49.9931, 42.1645, 73.9104



18.0080, 17.7561, 19.3694



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.



49.5169, 42.5441, 45.6470



64.0654, 52.1354, 55.0887



50.6458, 47.2881, 38.3590



13.1973, 13.1080, 14.3004



17.8163, 9.1276, 3.4128



1.1897, 0.6055, 0.4081

Inverse Universe

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



49.5169, 42.5441, 45.6470



64.0654, 52.1354, 55.0887



49.0446, 56.5646, 76.7399



13.1973, 13.1080, 14.3004



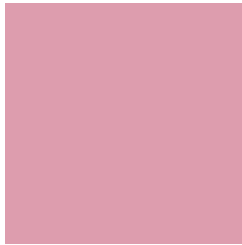
17.8163, 9.1276, 3.4128



1.1897, 0.6055, 0.4081

Previews

White Background



This preview shows how the XYZ color 49.5157, 42.5421, 45.6461 looks on a white background.

Color Contrast Check

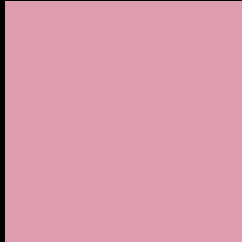
Large Text (above 18pt) WCAG AA × Fail

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 49.5157, 42.5421, 45.6461 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

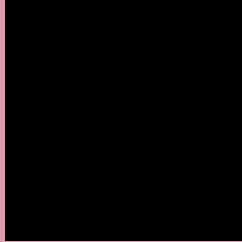
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.5157, 42.5421, 45.6461

Background



This preview shows how black text looks on a background with the XYZ color 49.5157, 42.5421, 45.6461.



This preview shows how white text looks on a background with the XYZ color 49.5157, 42.5421,

45.6461.

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

49.5157, 42.5421, 45.6461

Protanopia

41.4670, 42.8468, 51.4321

Deuteranopia

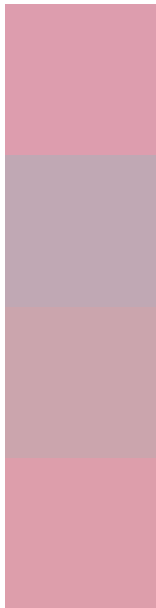
43.6267, 42.6919, 44.9707



Tritanopia

49.3014, 42.7282, 43.6791

Trichromacy



Original Color

49.5157, 42.5421, 45.6461

Protanomaly

43.9791, 42.5070, 49.0667

Deuteranomaly

45.6266, 42.6239, 45.3576

Tritanomaly

49.3963, 42.7661, 44.1793

Monochromacy



Original Color

49.5157, 42.5421, 45.6461

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

44.5587, 43.3931, 47.6222

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.5157, 42.5421, 45.6461 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(221, 157, 174)` looks like.

```
.text, #text, p{  
    color:rgb(221, 157, 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(221, 157, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 157, 174) }
```

Border

The CSS property to change the border of an element to XYZ 49.5157, 42.5421, 45.6461 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(221, 157, 174) }
```


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

```
.border{ border-color:rgb(221, 157, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 157, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 157, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 157, 174);  
box-shadow:4px 4px 4px 4px rgb(221, 157,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 49.5157, 42.5421, 45.6461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 157, 174) }
```

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

```
.background{ background-color: rgb(221,  
157, 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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