

Converting Colors

XYZ(50.5401, 45.1028, 49.7538)

Have a look what the booklet for
XYZ(50.5401, 45.1028, 49.7538)
contains.

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Color

**XYZ(50.4109, 44.9982,
49.7446)**

Conversions

Conversions Part 1

Format	Color
Hex	D9A5B5
RGB	217, 165, 181
RGB Percent	85%, 65%, 71%
CMY	0.1490, 0.3529, 0.2902
CMYK	0.00, 0.24, 0.17, 0.15
HSL	342°, 41%, 75%
HSV	342°, 24%, 85%
XYZ	50.4109, 44.9982, 49.7446
YIQ	182.3720, 25.8560, 16.0000

Conversions

Conversions Part 2

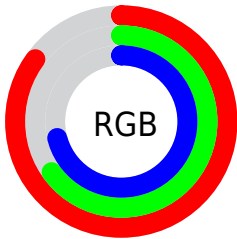
Format	Color
RYB	217, 165, 181
Decimal	14263733
CIELab	72.89, 21.58, -0.78
CIELCh	73, 21.594, 357.937
Yxy	44.9982, 0.3473, 0.3100
Android (android.graphics.Color)	4292453813 (0xFFD9A5B5)
YUV	182.3720, -0.6764, 30.3688
Hunter-Lab	67.0807, 16.7509, 2.9892

Details

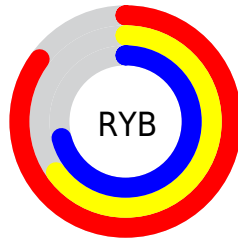
The XYZ color **50.4109, 44.9982, 49.7446** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.8744, 61.8432, 64.5170**, and the grayscale version is **44.6610, 46.9868, 51.1686**.

A 20% lighter version of the original color is **82.1193, 78.5608, 90.9564**, and **24.4994, 20.9458, 23.1738** is the 20% darker color. If you saturate the color by 10%, you get **45.3646, 37.2408, 40.8624**, and if you desaturate by 10%, it is **56.2901, 54.1543, 59.7257**.

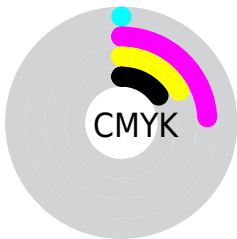
Distribution



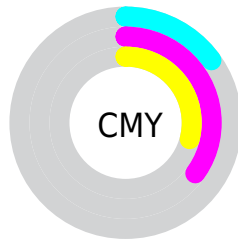
- Red (85%)
- Green (65%)
- Blue (71%)



- Red (85%)
- Yellow (65%)
- Blue (71%)



- Cyan (0%)
- Magenta (24%)
- Yellow (17%)
- Black (15%)




- Cyan (15%)
- Magenta (35%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.4109, 44.9982, 49.7446 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 50.4109, 44.9982, 49.7446 by changing the saturation by 10% instead.


 50.4109, 44.9982,
49.7446


 50.4109, 44.9982,
49.7446


378.6961,
366.7663, 402.3727

 35.9591, 31.4560,
34.8407

 89.9716, 82.7177,
91.1888

 24.5726, 20.9463,
23.2577


 115.8112,
107.6638, 118.5661

 15.8859, 13.0848,
14.5768


146.1775,
137.1800, 150.9384

 9.5338, 7.4870,
8.3796

181.4357,
171.6507, 188.7242

 5.1509, 3.7685,
4.2476

221.9514,
211.4603, 232.3420

 2.3717, 1.5449,
1.7621

268.0898,

 0.8310, 0.3200,

256.9931, 282.2103

0.4028

320.2162,
308.6337, 338.7477

■ 0.0000, 0.0000,
0.0000

■ 50.4109, 44.9982,
49.7446

■ 50.4109, 44.9982,
49.7446

■ 45.3646, 37.2408,
40.8624

■ 56.2901, 54.1543,
59.7257

■ 41.1087, 30.8069,
33.0376

■ 63.0344, 64.7672,
70.8397

■ 37.6024, 25.6235,
26.2297

■ 70.6793, 76.8993,
83.1226

■ 34.7997, 21.6079,
20.3948

■ 79.2567, 90.6073,
96.6078

■ 32.6495, 18.6675,
15.4852

■ 82.4255, 93.4918,
108.3092

■ 31.0929, 16.6953,
11.4485

■ 30.0594, 15.5618,
8.2261

■ 29.6213, 15.1542,
6.6360

Harmonies

Analogous

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



49.1952, 44.9982, 60.8322



50.4109, 44.9982, 49.7446



49.4815, 44.9982, 39.9189

Triad

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



50.4109, 44.9982, 49.7446



39.4701, 44.9982, 32.8817



39.0443, 44.9982, 68.7260

Complementary

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



50.4109, 44.9982, 49.7446



50.8744, 61.8432, 64.5170

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.



36.6935, 44.9982, 59.3529



50.4109, 44.9982, 49.7446



36.9291, 44.9982, 38.8032

Square

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



50.4109, 44.9982, 49.7446



43.0302, 44.9982, 31.0760



35.9421, 44.9982, 48.2537



42.5097, 44.9982, 72.7435

Rectangle

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



50.4109, 44.9982, 49.7446



47.7993, 44.9982, 35.1721



35.9421, 44.9982, 48.2537



38.1054, 44.9982, 66.0355

Sweetspot

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



50.4122, 45.0002, 49.7455



87.6912, 88.3647, 96.9446



49.9433, 44.2752, 71.5598



18.6402, 18.7098, 20.5379



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.



50.4122, 45.0002, 49.7455



68.6491, 58.6781, 64.7087



50.6477, 47.9490, 42.1855



13.2202, 13.1172, 14.4206



17.9727, 9.1901, 4.2364



1.2023, 0.6106, 0.4742

Inverse Universe

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



50.4122, 45.0002, 49.7455



68.6491, 58.6781, 64.7087



50.4691, 57.8626, 74.1547



13.2202, 13.1172, 14.4206



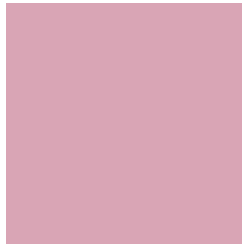
17.9727, 9.1901, 4.2364



1.2023, 0.6106, 0.4742

Previews

White Background



This preview shows how the XYZ color 50.4109, 44.9982, 49.7446 looks on a white background.

Color Contrast Check

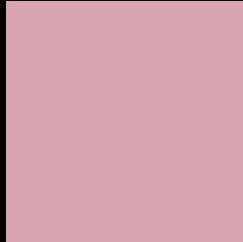
Large Text (above 18pt) WCAG AA × Fail

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 50.4109, 44.9982, 49.7446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

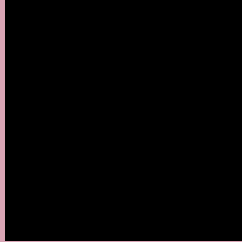
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.4109, 44.9982, 49.7446

Background



This preview shows how black text looks on a background with the XYZ color 50.4109, 44.9982, 49.7446.



This preview shows how white text looks on a background with the XYZ color 50.4109, 44.9982,

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

50.4109, 44.9982, 49.7446

Protanopia

43.9281, 45.2182, 54.5568

Deuteranopia

45.8452, 44.8776, 48.8938



Tritanopia

50.1063, 44.8763, 48.1406

Trichromacy



Original Color

50.4109, 44.9982, 49.7446

Protanomaly

45.7988, 44.7698, 52.6819

Deuteranomaly

47.5148, 44.8821, 49.3388

Tritanomaly

50.2071, 44.9167, 48.6714

Monochromacy



Original Color

50.4109, 44.9982, 49.7446

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

46.4745, 46.0302, 50.6912

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.4109, 44.9982, 49.7446 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, 165, 181)` looks like.

```
.text, #text, p{  
    color:rgb(217, 165, 181)  
}
```

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, 165, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 165, 181) }
```

Border

The CSS property to change the border of an element to XYZ 50.4109, 44.9982, 49.7446 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, 165, 181) }
```


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

```
.border{ border-color:rgb(217, 165, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 165, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 165, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 165, 181);  
box-shadow:4px 4px 4px 4px rgb(217, 165,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 50.4109, 44.9982, 49.7446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 165, 181) }
```

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

```
.background{ background-color: rgb(217,  
165, 181) }
```

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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