

Converting Colors

XYZ(49.8695, 44.0817, 41.9305)

Have a look what the booklet for
XYZ(49.8695, 44.0817, 41.9305)
contains.

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Color

**XYZ(49.9275, 44.1234,
41.9616)**

Conversions

Conversions Part 1

Format	Color
Hex	DEA2A6
RGB	222, 162, 166
RGB Percent	87%, 64%, 65%
CMY	0.1294, 0.3647, 0.3490
CMYK	0.00, 0.27, 0.25, 0.13
HSL	356°, 48%, 75%
HSV	356°, 27%, 87%
XYZ	49.9275, 44.1234, 41.9616
YIQ	180.3960, 34.4760, 13.9640

Conversions

Conversions Part 2

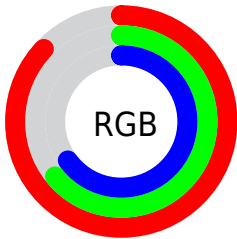
Format	Color
R _Y B	222, 162, 166
Decimal	14590630
CIE Lab	72.31, 22.78, 6.72
CIE LCh	72, 23.751, 16.426
Yxy	44.1234, 0.3671, 0.3244
Android (android.graphics.Color)	4292780710 (0xFFDEA2A6)
YUV	180.3960, -7.0972, 36.4867
Hunter-Lab	66.4254, 17.9218, 9.0437

Details

The XYZ color **49.9275, 44.1234, 41.9616** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.6783, 64.9870, 76.0476**, and the grayscale version is **43.6202, 45.8919, 49.9762**.

A 20% lighter version of the original color is **79.1040, 76.1062, 78.9273**, and **24.3391, 20.4738, 18.5886** is the 20% darker color. If you saturate the color by 10%, you get **44.6065, 36.2820, 31.5534**, and if you desaturate by 10%, it is **56.2475, 53.4721, 54.2148**.

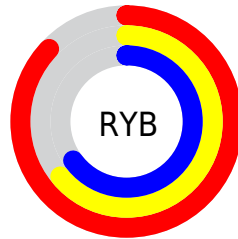
Distribution



Red (87%)

Green (64%)

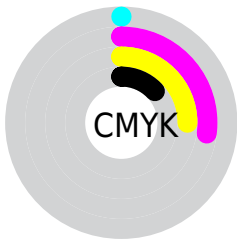
Blue (65%)



Red (87%)

Yellow (64%)

Blue (65%)

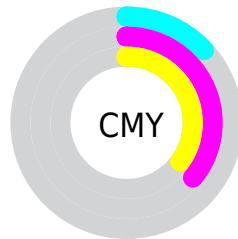


Cyan (0%)

Magenta (27%)

Yellow (25%)

Black (13%)



Cyan (13%)

Magenta (36%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.9275, 44.1234, 41.9616 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 49.9275, 44.1234, 41.9616 by changing the saturation by 10% instead.


 49.9275, 44.1234,
41.9616


 49.9275, 44.1234,
41.9616


376.8390,
363.2116, 370.1187

 35.5734, 30.7675,
28.7459


 89.2599, 81.4034,
79.4110

 24.2735, 20.4219,
18.6447


 114.9689,
106.0963, 104.4817

 15.6624, 12.7021,
11.2397

145.1935,
135.3370, 134.3412

 9.3749, 7.2237,
6.1121

180.2992,
169.5100, 169.4079

 5.0456, 3.6024,
2.8435

220.6512,
208.9995, 210.1005

 2.3091, 1.4537,
1.0153

266.6149,

 0.7993, 0.2558,

254.1900, 256.8375

0.0000

318.5558,
305.4659, 310.0374

■ 0.0000, 0.0000,
0.0000

■ 49.9275, 44.1234,
41.9616

■ 49.9275, 44.1234,
41.9616

■ 44.6065, 36.2820,
31.5534

■ 56.2475, 53.4721,
54.2148

■ 40.2299, 29.8632,
22.8982

■ 63.6103, 64.3946,
68.3934

■ 36.7436, 24.7835,
15.9003

■ 72.0613, 76.9609,
84.5763

■ 34.0862, 20.9481,
10.4538

■ 81.6421, 91.2352,
102.8374

■ 32.1888, 18.2499,
6.4403

■ 83.9344, 94.2697,
108.3798

■ 30.9711, 16.5637,
3.7246

■ 30.3310, 15.7270,
2.1441

■ 30.2091, 15.5636,
1.8558

Harmonies

Analogous

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



50.0412, 44.1234, 53.5151



49.9275, 44.1234, 41.9616



47.5852, 44.1234, 33.5260

Triad

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



49.9275, 44.1234, 41.9616



36.5038, 44.1234, 34.1524



40.1224, 44.1234, 73.3789

Complementary

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



49.9275, 44.1234, 41.9616



53.6783, 64.9870, 76.0476

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.



36.7562, 44.1234, 66.2414



49.9275, 44.1234, 41.9616



34.7604, 44.1234, 42.9570

Square

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



49.9275, 44.1234, 41.9616



39.7570, 44.1234, 29.5436



34.8498, 44.1234, 54.6850



44.1973, 44.1234, 72.9955

Rectangle

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



49.9275, 44.1234, 41.9616



45.1565, 44.1234, 30.2423



34.8498, 44.1234, 54.6850



38.8761, 44.1234, 71.7358

Sweetspot

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



49.9287, 44.1255, 41.9625



85.9683, 86.5016, 91.4909



55.0199, 46.0221, 75.0909



18.0584, 18.0067, 18.9249



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.



49.9287, 44.1255, 41.9625



64.3804, 54.5488, 49.6960



54.6304, 54.1064, 41.7492



13.7441, 13.7153, 14.4225



17.9578, 9.2501, 1.1778



1.2579, 0.6464, 0.1511

Inverse Universe

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



49.9287, 44.1255, 41.9625



64.3804, 54.5488, 49.6960



47.8268, 52.4370, 76.7083



13.7441, 13.7153, 14.4225



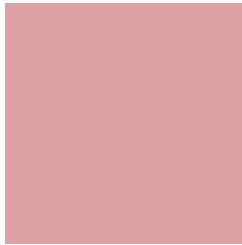
17.9578, 9.2501, 1.1778



1.2579, 0.6464, 0.1511

Previews

White Background



This preview shows how the XYZ color 49.9275, 44.1234, 41.9616 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 49.9275, 44.1234, 41.9616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

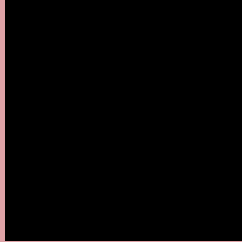
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.9275, 44.1234, 41.9616

Background



This preview shows how black text looks on a background with the XYZ color 49.9275, 44.1234, 41.9616.



This preview shows how white text looks on a background with the XYZ color 49.9275, 44.1234,

41.9616.

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

49.9275, 44.1234, 41.9616

Protanopia

42.6535, 44.4454, 46.3751

Deuteranopia

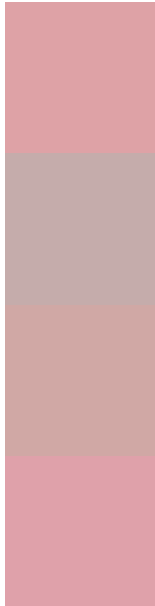
45.0832, 44.0855, 41.2552



Tritanopia

50.7191, 44.1948, 45.3924

Trichromacy



Original Color

49.9275, 44.1234, 41.9616

Protanomaly

45.1292, 44.3156, 44.7033

Deuteranomaly

46.8066, 44.1318, 41.6486

Tritanomaly

50.4320, 44.0800, 43.8804

Monochromacy



Original Color

49.9275, 44.1234, 41.9616

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

45.1871, 44.5844, 46.7815

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.9275, 44.1234, 41.9616 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(222, 162, 166)` looks like.

```
.text, #text, p{  
    color:rgb(222, 162, 166)  
}
```

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(222, 162, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 162, 166) }
```

Border

The CSS property to change the border of an element to XYZ 49.9275, 44.1234, 41.9616 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(222, 162, 166) }
```


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

```
.border{ border-color:rgb(222, 162, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 162, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 162, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 162, 166);  
box-shadow:4px 4px 4px 4px rgb(222, 162,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 49.9275, 44.1234, 41.9616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 162, 166) }
```

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

```
.background{ background-color: rgb(222,  
162, 166) }
```

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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