

Converting Colors

XYZ(49.1406, 44.4051, 43.8516)

Have a look what the booklet for
XYZ(49.1406, 44.4051, 43.8516)
contains.

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Color

**XYZ(49.3261, 44.5643,
44.0322)**

Conversions

Conversions Part 1

Format	Color
Hex	D9A5AA
RGB	217, 165, 170
RGB Percent	85%, 65%, 67%
CMY	0.1490, 0.3529, 0.3333
CMYK	0.00, 0.24, 0.22, 0.15
HSL	354°, 41%, 75%
HSV	354°, 24%, 85%
XYZ	49.3261, 44.5643, 44.0322
YIQ	181.1180, 29.3870, 12.5790

Conversions

Conversions Part 2

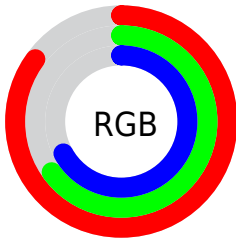
Format	Color
R _Y B	217, 165, 170
Decimal	14263722
CIE Lab	72.60, 19.89, 4.87
CIE LCh	73, 20.478, 13.746
Yxy	44.5643, 0.3576, 0.3231
Android (android.graphics.Color)	4292453802 (0xFFD9A5AA)
YUV	181.1180, -5.4812, 31.4685
Hunter-Lab	66.7565, 15.0690, 7.6222

Details

The XYZ color **49.3261, 44.5643, 44.0322** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.2154, 62.3795, 71.5789**, and the grayscale version is **44.0034, 46.2950, 50.4153**.

A 20% lighter version of the original color is **80.4238, 77.8826, 82.0282**, and **23.8731, 20.6953, 19.8759** is the 20% darker color. If you saturate the color by 10%, you get **44.0199, 36.7030, 33.7817**, and if you desaturate by 10%, it is **55.5757, 53.8686, 55.9641**.

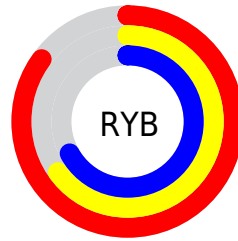
Distribution



Red (85%)

Green (65%)

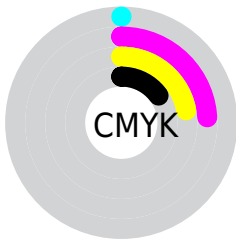
Blue (67%)



Red (85%)

Yellow (65%)

Blue (67%)

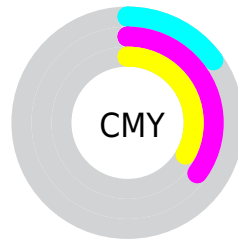


Cyan (0%)

Magenta (24%)

Yellow (22%)

Black (15%)



Cyan (15%)


Magenta (35%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.3261, 44.5643, 44.0322 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 49.3261, 44.5643, 44.0322 by changing the saturation by 10% instead.


 49.3261, 44.5643,
44.0322


 49.3261, 44.5643,
44.0322


374.5204,
365.0061, 378.8849

 35.0938, 31.1144,
30.3584


 88.3734, 82.0662,
82.5692

 23.9020, 20.6860,
19.8565


 113.9192,
106.8870, 108.2695

 15.3853, 12.8946,
12.1077


143.9668,
136.2668, 138.8157

 9.1783, 7.3560,
6.6936

178.8816,
170.5902, 174.6265

 4.9157, 3.6857,
3.1957

219.0290,
210.2414, 216.1202

 2.2321, 1.4994,
1.1954

264.7744,

 0.7596, 0.2883,

255.6048, 263.7155

0.0000

316.4831,
307.0649, 317.8308

■ 0.0000, 0.0000,
0.0000

■ 49.3261, 44.5643,
44.0322

■ 49.3261, 44.5643,
44.0322

■ 44.0199, 36.7030,
33.7817

■ 55.5757, 53.8686,
55.9641

■ 39.6078, 30.2066,
25.1343

■ 62.8076, 64.6765,
69.6454

■ 36.0413, 24.9991,
18.0097

■ 71.0630, 77.0528,
85.1437

■ 33.2661, 20.9945,
12.3193

■ 80.3798, 91.0566,
102.5221

■ 31.2215, 18.0963,
7.9655

■ 82.4254, 93.4918,
108.3092

■ 29.8376, 16.1932,
4.8386

■ 29.0309, 15.1504,
2.8108

■ 28.7494, 14.8054,
2.0446

Harmonies

Analogous

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



49.2407, 44.5643, 54.1920



49.3261, 44.5643, 44.0322



47.4723, 44.5643, 36.2421

Triad

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



49.3261, 44.5643, 44.0322



37.8182, 44.5643, 35.7473



40.4785, 44.5643, 69.7708

Complementary

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



49.3261, 44.5643, 44.0322



52.2154, 62.3795, 71.5789

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.



37.6231, 44.5643, 63.3052



49.3261, 44.5643, 44.0322



36.1468, 44.5643, 43.2637

Square

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



49.3261, 44.5643, 44.0322



40.7585, 44.5643, 31.9294



36.0774, 44.5643, 53.3091



43.9968, 44.5643, 70.0527

Rectangle

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



49.3261, 44.5643, 44.0322



45.4430, 44.5643, 33.0420



36.0774, 44.5643, 53.3091



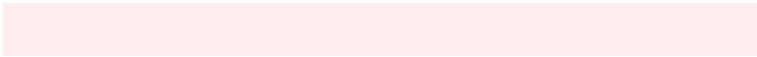
39.4140, 44.5643, 68.2117

Sweetspot

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



49.3273, 44.5664, 44.0331



87.1277, 88.1393, 93.9773



53.0746, 45.8895, 71.7061



18.5100, 18.6578, 19.8526



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.



49.3273, 44.5664, 44.0331



66.8679, 57.9656, 55.3288



52.9250, 52.5036, 42.9447



13.1066, 13.0717, 13.8226



17.4207, 8.9693, 1.3296



1.1464, 0.5882, 0.1797

Inverse Universe

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



49.3273, 44.5664, 44.0331



66.8679, 57.9656, 55.3288



47.8283, 52.5809, 73.2742



13.1066, 13.0717, 13.8226



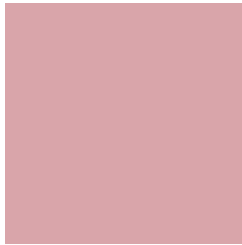
17.4207, 8.9693, 1.3296



1.1464, 0.5882, 0.1797

Previews

White Background



This preview shows how the XYZ color 49.3261, 44.5643, 44.0322 looks on a white background.

Color Contrast Check

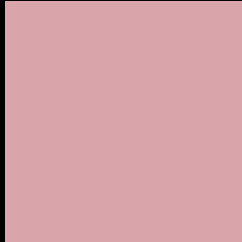
Large Text (above 18pt) WCAG AA × Fail

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 49.3261, 44.5643, 44.0322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

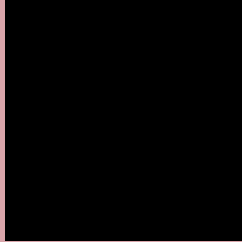
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.3261, 44.5643, 44.0322

Background



This preview shows how black text looks on a background with the XYZ color 49.3261, 44.5643, 44.0322.



This preview shows how white text looks on a background with the XYZ color 49.3261, 44.5643,

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

49.3261, 44.5643, 44.0322

Protanopia

43.1476, 44.9602, 47.9990

Deuteranopia

45.4671, 44.5117, 43.7314



Tritanopia

50.1247, 44.6307, 47.5677

Trichromacy



Original Color

49.3261, 44.5643, 44.0322

Protanomaly

45.0892, 44.5452, 46.2660

Deuteranomaly

46.8030, 44.3623, 43.6321

Tritanomaly

49.8289, 44.5123, 46.0099

Monochromacy



Original Color

49.3261, 44.5643, 44.0322

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

45.5139, 45.3036, 47.9406

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.3261, 44.5643, 44.0322 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, 170)` looks like.

```
.text, #text, p{  
    color:rgb(217, 165, 170)  
}
```

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, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 165, 170) }
```

Border

The CSS property to change the border of an element to XYZ 49.3261, 44.5643, 44.0322 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, 170) }
```


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

```
.border{ border-color:rgb(217, 165, 170) }
```

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, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 165, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 165, 170);  
box-shadow:4px 4px 4px 4px rgb(217, 165,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 49.3261, 44.5643, 44.0322 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, 170) }
```

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

```
.background{ background-color: rgb(217,  
165, 170) }
```

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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