

Converting Colors

XYZ(44.0363, 39.4701, 42.8433)

Have a look what the booklet for
XYZ(44.0363, 39.4701, 42.8433)
contains.

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Color

**XYZ(43.9517, 39.4789,
42.8398)**

Conversions

Conversions Part 1

Format	Color
Hex	CC9CA9
RGB	204, 156, 169
RGB Percent	80%, 61%, 66%
CMY	0.2000, 0.3882, 0.3373
CMYK	0.00, 0.24, 0.17, 0.20
HSL	344°, 32%, 71%
HSV	344°, 24%, 80%
XYZ	43.9517, 39.4789, 42.8398
YIQ	171.8340, 24.4350, 14.2190

Conversions

Conversions Part 2

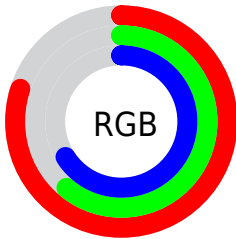
Format	Color
RYB	204, 156, 169
Decimal	13409449
CIELab	69.10, 19.85, 0.17
CIELCh	69, 19.852, 0.480
Yxy	39.4789, 0.3481, 0.3127
Android (android.graphics.Color)	4291599529 (0xFFCC9CA9)
YUV	171.8340, -1.3972, 28.2096
Hunter-Lab	62.8322, 14.9059, 3.5579

Details

The XYZ color **43.9517, 39.4789, 42.8398** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.7087, 54.0161, 57.3625**, and the grayscale version is **39.1279, 41.1656, 44.8293**.

A 20% lighter version of the original color is **77.9888, 73.2303, 80.5454**, and **20.5556, 17.5745, 19.1384** is the 20% darker color. If you saturate the color by 10%, you get **39.4937, 32.6720, 34.8512**, and if you desaturate by 10%, it is **49.1457, 47.5028, 51.8587**.

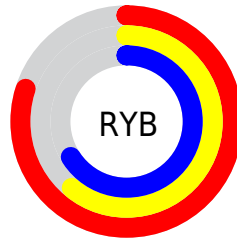
Distribution



Red (80%)

Green (61%)

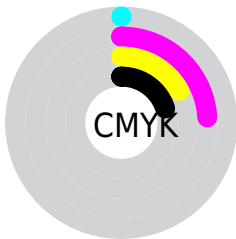
Blue (66%)



Red (80%)

Yellow (61%)

Blue (66%)

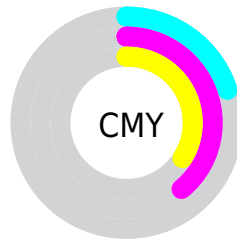


Cyan (0%)

Magenta (24%)

Yellow (17%)

Black (20%)



Cyan (20%)


Magenta (39%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.9517, 39.4789, 42.8398 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 43.9517, 39.4789, 42.8398 by changing the saturation by 10% instead.

 43.9517, 39.4789,
42.8398


 43.9517, 39.4789,
42.8398


353.3667,
343.9223, 373.8544

 30.8303, 27.1325,
29.4290


 80.3919, 74.3693,
80.7528

 20.6208, 17.6727,
19.1572


 104.4413, 97.6822,
106.0921

 12.9580, 10.7153,
11.6060


132.8642,
125.4192, 136.2446

 7.4764, 5.8757,
6.3567

166.0257,
157.9650, 171.6288

 3.8108, 2.7697,
2.9909

204.2914,
195.7037, 212.6634

 1.5956, 1.0127,
1.0900

248.0266,

 0.3896, 0.0000,

239.0200, 259.7668

0.0000

297.5966,
288.2980, 313.3576

■ 0.0000, 0.0000,
0.0000

■ 43.9517, 39.4789,
42.8398

■ 43.9517, 39.4789,
42.8398

■ 39.4937, 32.6720,
34.8512

■ 49.1457, 47.5028,
51.8587

■ 35.7345, 27.0171,
27.8529

■ 55.1042, 56.7936,
61.9409

■ 32.6383, 22.4514,
21.8058

■ 61.8581, 67.4052,
73.1209

■ 30.1650, 18.9041,
16.6674

■ 69.4356, 79.3865,
85.4310

■ 28.2697, 16.2955,
12.3915

■ 76.8974, 90.8516,
98.5801

■ 26.9013, 14.5344,
8.9275

■ 78.7119, 91.5774,
108.1354

■ 25.9988, 13.5107,
6.2185

■ 25.5973, 13.1155,
4.8269

Harmonies

Analogous

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



43.0789, 39.4789, 52.1694



43.9517, 39.4789, 42.8398



43.0230, 39.4789, 34.7285

Triad

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



43.9517, 39.4789, 42.8398



34.5171, 39.4789, 29.6335



34.6008, 39.4789, 60.0277

Complementary

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



43.9517, 39.4789, 42.8398



44.7087, 54.0161, 57.3625

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.



32.5139, 39.4789, 52.4580



43.9517, 39.4789, 42.8398



32.4675, 39.4789, 34.9486

Square

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



43.9517, 39.4789, 42.8398



37.4725, 39.4789, 27.7917



31.7548, 39.4789, 43.1322



37.5746, 39.4789, 62.9016

Rectangle

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



43.9517, 39.4789, 42.8398



41.5357, 39.4789, 30.8816



31.7548, 39.4789, 43.1322



33.7784, 39.4789, 57.8999

Sweetspot

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



43.9528, 39.4807, 42.8406



87.5921, 88.3251, 96.4231



44.1242, 39.1373, 62.3556



18.6173, 18.7007, 20.4174



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.



43.9528, 39.4807, 42.8406



69.0691, 59.6836, 64.3380



44.6129, 42.6575, 37.3371



11.3350, 11.2627, 12.2989



16.1449, 8.2685, 3.2157



0.8653, 0.4395, 0.3367

Inverse Universe

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



43.9528, 39.4807, 42.8406



69.0691, 59.6836, 64.3380



43.8136, 49.8345, 64.4368



11.3350, 11.2627, 12.2989



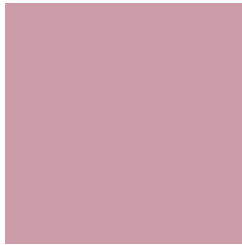
16.1449, 8.2685, 3.2157



0.8653, 0.4395, 0.3367

Previews

White Background



This preview shows how the XYZ color 43.9517, 39.4789, 42.8398 looks on a white background.

Color Contrast Check

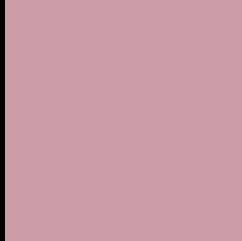
Large Text (above 18pt) WCAG AA × Fail

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 43.9517, 39.4789, 42.8398 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 43.9517, 39.4789, 42.8398

Background



This preview shows how black text looks on a background with the XYZ color 43.9517, 39.4789, 42.8398.



This preview shows how white text looks on a background with the XYZ color 43.9517, 39.4789,

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

43.9517, 39.4789, 42.8398

Protanopia

38.4167, 39.6859, 46.7097

Deuteranopia

40.4148, 39.4606, 42.5324



Tritanopia

43.8582, 39.4415, 42.3472

Trichromacy



Original Color

43.9517, 39.4789, 42.8398

Protanomaly

40.1097, 39.5131, 45.0480

Deuteranomaly

41.6310, 39.3062, 42.4385

Tritanomaly

43.8582, 39.4415, 42.3472

Monochromacy



Original Color

43.9517, 39.4789, 42.8398

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

40.7541, 40.4031, 44.1787

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.9517, 39.4789, 42.8398 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(204, 156, 169)` looks like.

```
.text, #text, p{  
    color:rgb(204, 156, 169)  
}
```

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(204, 156, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 156, 169) }
```

Border

The CSS property to change the border of an element to XYZ 43.9517, 39.4789, 42.8398 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(204, 156, 169) }
```


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

```
.border{ border-color:rgb(204, 156, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 156, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 156, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 156, 169);  
box-shadow:4px 4px 4px 4px rgb(204, 156,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 43.9517, 39.4789, 42.8398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 156, 169) }
```

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

```
.background{ background-color: rgb(204,  
156, 169) }
```

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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