

Converting Colors

XYZ(43.0486, 39.1080, 42.5379)

Have a look what the booklet for
XYZ(43.0486, 39.1080, 42.5379)
contains.

XYZ(43.0437, 39.0216, 42.3091)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(43.0437, 39.0216,
42.3091)**

Conversions

Conversions Part 1

Format	Color
Hex	C99CA8
RGB	201, 156, 168
RGB Percent	79%, 61%, 66%
CMY	0.2118, 0.3882, 0.3412
CMYK	0.00, 0.22, 0.16, 0.21
HSL	344°, 29%, 70%
HSV	344°, 22%, 79%
XYZ	43.0437, 39.0216, 42.3091
YIQ	170.8230, 22.9680, 13.2720

Conversions

Conversions Part 2

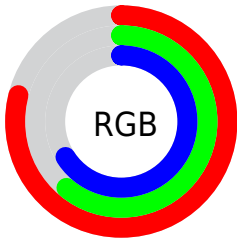
Format	Color
RYB	201, 156, 168
Decimal	13212840
CIELab	68.77, 18.59, 0.21
CIELCh	69, 18.593, 0.633
Yxy	39.0216, 0.3461, 0.3137
Android (android.graphics.Color)	4291402920 (0xFFC99CA8)
YUV	170.8230, -1.3917, 26.4652
Hunter-Lab	62.4673, 13.6795, 3.5700

Details

The XYZ color **43.0437, 39.0216, 42.3091** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.7838, 52.5162, 55.9755**, and the grayscale version is **38.6195, 40.6307, 44.2468**.

A 20% lighter version of the original color is **77.8535, 73.1762, 79.8331**, and **19.9568, 17.2726, 18.8051** is the 20% darker color. If you saturate the color by 10%, you get **38.6495, 32.3076, 34.4486**, and if you desaturate by 10%, it is **48.1539, 46.9176, 51.1773**.

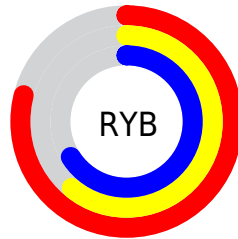
Distribution



Red (79%)

Green (61%)

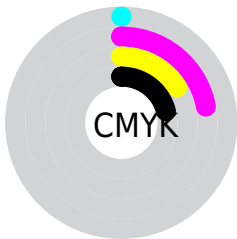
Blue (66%)



Red (79%)

Yellow (61%)

Blue (66%)

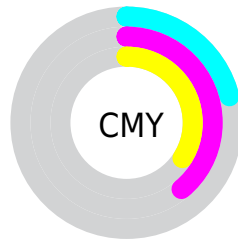


Cyan (0%)

Magenta (22%)

Yellow (16%)

Black (21%)



Cyan (21%)


Magenta (39%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.0437, 39.0216, 42.3091 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 43.0437, 39.0216, 42.3091 by changing the saturation by 10% instead.


 43.0437, 39.0216,
42.3091


 43.0437, 39.0216,
42.3091


349.7099,
341.9823, 371.6001

 30.1141, 26.7765,
29.0160


 79.0321, 73.6713,
79.9424

 20.0737, 17.4055,
18.8473


 102.8216, 96.8448,
105.1196

 12.5572, 10.5240,
11.3843

130.9617,
124.4298, 135.0954

 7.1992, 5.7477,
6.2085

163.8179,
156.8108, 170.2881

 3.6344, 2.6923,
2.9014

201.7555,
194.3721, 211.1164

 1.4975, 0.9733,
1.0445

245.1397,

 0.3241, 0.0000,

237.4982, 257.9988

0.0000

294.3361,
286.5735, 311.3539

0.0000, 0.0000,
0.0000

43.0437, 39.0216,
42.3091

43.0437, 39.0216,
42.3091

38.6495, 32.3076,
34.4486

48.1539, 46.9176,
51.1773

34.9355, 26.7135,
27.5571

54.0073, 56.0434,
61.0853

31.8675, 22.1792,
21.5965

60.6337, 66.4506,
72.0666

29.4071, 18.6371,
16.5257

68.0602, 78.1862,
84.1527

27.5114, 16.0116,
12.2998

75.8305, 90.3308,
97.2129

■ 26.1320, 14.2162,
8.8700

■ 77.8975, 91.1576,
108.0973

■ 25.2114, 13.1474,
6.1815

■ 24.7437, 12.6801,
4.5829

Harmonies

Analogous

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



42.2455, 39.0216, 50.9469



43.0437, 39.0216, 42.3091



42.1774, 39.0216, 34.7493

Triad

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



43.0437, 39.0216, 42.3091



34.2780, 39.0216, 30.0064



34.3808, 39.0216, 58.2449

Complementary

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



43.0437, 39.0216, 42.3091



43.7838, 52.5162, 55.9755

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.



32.4270, 39.0216, 51.2977



43.0437, 39.0216, 42.3091



32.3699, 39.0216, 35.0212

Square

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



43.0437, 39.0216, 42.3091



37.0264, 39.0216, 28.2481



31.7102, 39.0216, 42.6672



37.1514, 39.0216, 60.8532

Rectangle

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



43.0437, 39.0216, 42.3091



40.7975, 39.0216, 31.1439



31.7102, 39.0216, 42.6672



33.6121, 39.0216, 56.2979

Sweetspot

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



43.0448, 39.0234, 42.3099



87.5810, 88.3206, 96.3643



43.4186, 38.8147, 60.4622



18.6147, 18.6997, 20.4038



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.



43.0448, 39.0234, 42.3099



69.7904, 60.8250, 65.5075



43.8167, 42.2740, 37.3050



10.7481, 10.6826, 11.6566



15.5907, 7.9858, 3.0546



0.7693, 0.3906, 0.3082

Inverse Universe

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



43.0448, 39.0234, 42.3099



69.7904, 60.8250, 65.5075



42.7762, 48.3300, 62.3327



10.7481, 10.6826, 11.6566



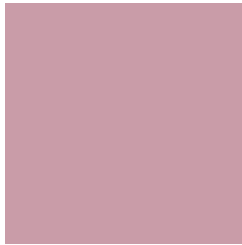
15.5907, 7.9858, 3.0546



0.7693, 0.3906, 0.3082

Previews

White Background



This preview shows how the XYZ color 43.0437, 39.0216, 42.3091 looks on a white background.

Color Contrast Check

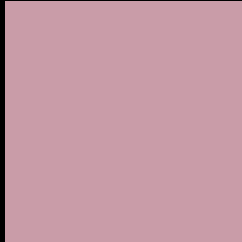
Large Text (above 18pt) WCAG AA × Fail

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 43.0437, 39.0216, 42.3091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

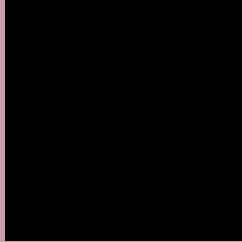
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.0437, 39.0216, 42.3091

Background



This preview shows how black text looks on a background with the XYZ color 43.0437, 39.0216, 42.3091.



This preview shows how white text looks on a background with the XYZ color 43.0437, 39.0216,

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

43.0437, 39.0216, 42.3091

Protanopia

37.8209, 39.1284, 45.6036

Deuteranopia

40.0798, 39.2987, 42.0322



Tritanopia

43.0437, 39.0216, 42.3091

Trichromacy



Original Color

43.0437, 39.0216, 42.3091

Protanomaly

39.5996, 38.9967, 44.4697

Deuteranomaly

41.0317, 39.0080, 41.9259

Tritanomaly

43.0437, 39.0216, 42.3091

Monochromacy



Original Color

43.0437, 39.0216, 42.3091

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

40.1833, 40.1198, 43.6562

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0437, 39.0216, 42.3091 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(201, 156, 168) looks like.

```
.text, #text, p{  
    color:rgb(201, 156, 168)  
}
```

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(201, 156, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 156, 168) }
```

Border

The CSS property to change the border of an element to XYZ 43.0437, 39.0216, 42.3091 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(201, 156, 168) }
```


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

```
.border{ border-color:rgb(201, 156, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 156, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 156, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 156, 168);  
box-shadow:4px 4px 4px 4px rgb(201, 156,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0437, 39.0216, 42.3091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 156, 168) }
```

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

```
.background{ background-color: rgb(201,  
156, 168) }
```

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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