

Converting Colors

XYZ(43.8788, 39.6211, 36.8557)

Have a look what the booklet for
XYZ(43.8788, 39.6211, 36.8557)
contains.

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Color

**XYZ(43.9016, 39.5871,
36.7797)**

Conversions

Conversions Part 1

Format	Color
Hex	D09C9C
RGB	208, 156, 156
RGB Percent	82%, 61%, 61%
CMY	0.1843, 0.3882, 0.3882
CMYK	0.00, 0.25, 0.25, 0.18
HSL	0°, 36%, 71%
HSV	0°, 25%, 82%
XYZ	43.9016, 39.5871, 36.7797
YIQ	171.5480, 30.9920, 11.0240

Conversions

Conversions Part 2

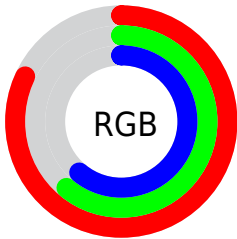
Format	Color
R _Y B	208, 156, 156
Decimal	13671580
CIE Lab	69.17, 19.37, 7.56
CIE LCh	69, 20.795, 21.333
Yxy	39.5871, 0.3650, 0.3292
Android (android.graphics.Color)	4291861660 (0xFFD09C9C)
YUV	171.5480, -7.6652, 31.9684
Hunter-Lab	62.9183, 14.4424, 9.3841

Details

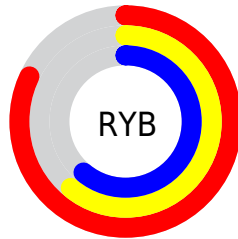
The XYZ color **43.9016, 39.5871, 36.7797** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.6507, 56.7320, 68.1136**, and the grayscale version is **39.0118, 41.0434, 44.6963**.

A 20% lighter version of the original color is **76.1671, 72.5017, 70.9525**, and **20.6370, 17.6929, 15.6920** is the 20% darker color. If you saturate the color by 10%, you get **39.0927, 32.5506, 27.2185**, and if you desaturate by 10%, it is **49.6119, 47.9431, 48.1303**.

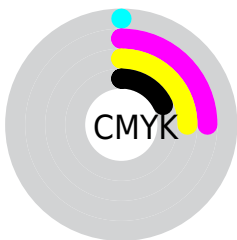
Distribution



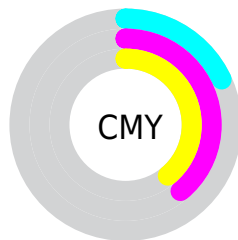
- Red (82%)
- Green (61%)
- Blue (61%)



- Red (82%)
- Yellow (61%)
- Blue (61%)



- Cyan (0%)
- Magenta (25%)
- Yellow (25%)
- Black (18%)





- Cyan (18%)
- Magenta (39%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.9016, 39.5871, 36.7797 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 43.9016, 39.5871, 36.7797 by changing the saturation by 10% instead.


 43.9016, 39.5871,
36.7797


 43.9016, 39.5871,
36.7797


353.1656,
344.3802, 347.4957

 30.7907, 27.2168,
24.7425


 80.3169, 74.5344,
71.4164

 20.5906, 17.7361,
15.6681

 104.3521, 97.8801,
94.8529

 12.9358, 10.7607,
9.1378


132.7594,
125.6530, 122.9264

 7.4611, 5.9061,
4.7331

165.9042,
158.2376, 156.0552

 3.8010, 2.7881,
2.0356

204.1519,
196.0182, 194.6581

 1.5902, 1.0221,
0.5770

247.8678,

 0.3860, 0.0000,

239.3792, 239.1534

0.0000

297.4172,
288.7051, 289.9597

0.0000, 0.0000,
0.0000

43.9016, 39.5871,
36.7797

43.9016, 39.5871,
36.7797

39.0927, 32.5506,
27.2185

49.6119, 47.9431,
48.1303

35.1361, 26.7609,
19.3531

56.2628, 57.6752,
61.3523

31.9831, 22.1471,
13.0852

63.8953, 68.8437,
76.5258

29.5787, 18.6287,
8.3055

72.5470, 81.5033,
93.7254

27.8609, 16.1150,
4.8910

79.8225, 92.1499,
108.1874

■ 26.7581, 14.5011,
2.6989

■ 26.1826, 13.6589,
1.5552

■ 26.0127, 13.4103,
1.2174

Harmonies

Analogous

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



44.3074, 39.5871, 45.9223



43.9016, 39.5871, 36.7797



41.7641, 39.5871, 30.3292

Triad

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



43.9016, 39.5871, 36.7797



32.8518, 39.5871, 32.6455



36.6711, 39.5871, 63.8575

Complementary

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



43.9016, 39.5871, 36.7797



47.6507, 56.7320, 68.1136

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.



33.7714, 39.5871, 59.0394



43.9016, 39.5871, 36.7797



31.6531, 39.5871, 40.4028

Square

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



43.9016, 39.5871, 36.7797



35.3481, 39.5871, 28.1983



31.9795, 39.5871, 50.1138



40.0005, 39.5871, 62.5084

Rectangle

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



43.9016, 39.5871, 36.7797



39.7101, 39.5871, 27.9793



31.9795, 39.5871, 50.1138



35.6168, 39.5871, 62.8824

Sweetspot

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



43.9027, 39.5889, 36.7805



86.8760, 88.0393, 92.6501



49.2863, 41.7413, 65.1339



18.4520, 18.6347, 19.5466



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.



43.9027, 39.5889, 36.7805



65.3474, 56.5370, 49.8517



48.7414, 49.2665, 38.3934



11.8089, 11.8084, 12.2689



16.2125, 8.3581, 0.7588



0.9065, 0.4674, 0.0424

Inverse Universe

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



47.6507, 56.7320, 68.1136



72.2832, 88.2605, 107.8340



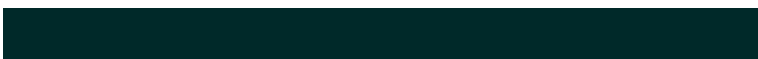
41.8238, 45.0783, 66.1713



12.1583, 13.4070, 15.1906



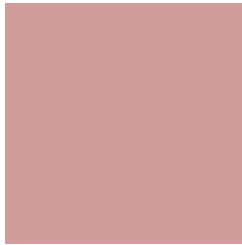
21.1515, 30.9497, 42.0516



1.1827, 1.7306, 2.3513

Previews

White Background



This preview shows how the XYZ color 43.9016, 39.5871, 36.7797 looks on a white background.

Color Contrast Check

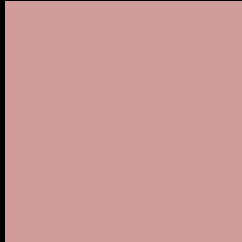
Large Text (above 18pt) WCAG AA × Fail

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 43.9016, 39.5871, 36.7797 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 43.9016, 39.5871, 36.7797

Background



This preview shows how black text looks on a background with the XYZ color 43.9016, 39.5871, 36.7797.



This preview shows how white text looks on a background with the XYZ color 43.9016, 39.5871,

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

43.9016, 39.5871, 36.7797

Protanopia

38.0690, 39.6483, 40.2968

Deuteranopia

40.4994, 39.6373, 36.5266



Tritanopia

44.7330, 39.4197, 41.3275

Trichromacy



Original Color

43.9016, 39.5871, 36.7797

Protanomaly

39.8703, 39.5281, 38.7860

Deuteranomaly

41.5132, 39.3785, 36.4232

Tritanomaly

44.5374, 39.6066, 39.4799

Monochromacy



Original Color

43.9016, 39.5871, 36.7797

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

40.5267, 40.3399, 41.7268

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.9016, 39.5871, 36.7797 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(208, 156, 156)` looks like.

```
.text, #text, p{  
    color:rgb(208, 156, 156)  
}
```

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(208, 156, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 156, 156) }
```

Border

The CSS property to change the border of an element to XYZ 43.9016, 39.5871, 36.7797 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(208, 156, 156) }
```


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

```
.border{ border-color:rgb(208, 156, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 156, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 156, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 156, 156);  
box-shadow:4px 4px 4px 4px rgb(208, 156,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 43.9016, 39.5871, 36.7797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 156, 156) }
```

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

```
.background{ background-color: rgb(208,  
156, 156) }
```

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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