

Converting Colors

XYZ(43.7405, 37.9998, 42.4806)

Have a look what the booklet for
XYZ(43.7405, 37.9998, 42.4806)
contains.

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Color

**XYZ(43.7999, 37.9427,
42.5513)**

Conversions

Conversions Part 1

Format	Color
Hex	CF96A9
RGB	207, 150, 169
RGB Percent	81%, 59%, 66%
CMY	0.1882, 0.4117, 0.3373
CMYK	0.00, 0.28, 0.18, 0.19
HSL	340°, 37%, 70%
HSV	340°, 28%, 81%
XYZ	43.7999, 37.9427, 42.5513
YIQ	169.2090, 27.8730, 17.9930

Conversions

Conversions Part 2

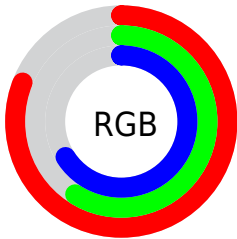
Format	Color
R _Y B	207, 150, 169
Decimal	13604521
CIE Lab	67.98, 24.23, -1.43
CIE LCh	68, 24.269, 356.617
Yxy	37.9427, 0.3524, 0.3053
Android (android.graphics.Color)	4291794601 (0xFFCF96A9)
YUV	169.2090, -0.1030, 33.1427
Hunter-Lab	61.5976, 19.1291, 2.1612

Details

The XYZ color **43.7999, 37.9427, 42.5513** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.9692, 54.7414, 55.8283**, and the grayscale version is **37.8073, 39.7762, 43.3163**.

A 20% lighter version of the original color is **76.5259, 70.3045, 80.0578**, and **20.6216, 16.8834, 19.0016** is the 20% darker color. If you saturate the color by 10%, you get **39.5560, 31.4198, 35.0783**, and if you desaturate by 10%, it is **48.7662, 45.6907, 50.9407**.

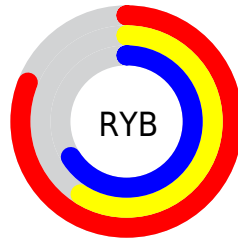
Distribution



Red (81%)

Green (59%)

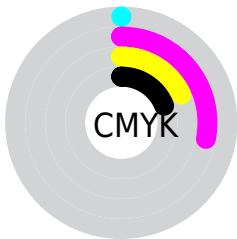
Blue (66%)



Red (81%)

Yellow (59%)

Blue (66%)

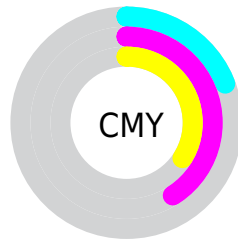


Cyan (0%)

Magenta (28%)

Yellow (18%)

Black (19%)



Cyan (19%)


Magenta (41%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.7999, 37.9427, 42.5513 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 43.7999, 37.9427, 42.5513 by changing the saturation by 10% instead.


 43.7999, 37.9427,
42.5513


 43.7999, 37.9427,
42.5513


352.7571,
337.3741, 372.6301

 30.7105, 25.9382,
29.2044


 80.1648, 72.0203,
80.3124

 20.5292, 16.7774,
18.9886


 104.1709, 94.8622,
105.5637

 12.8908, 10.0759,
11.4853


132.5467,
122.0854, 135.6202

 7.4299, 5.4493,
6.2760

165.6574,
154.0742, 170.9005

 3.7811, 2.5132,
2.9421

203.8685,
191.2131, 211.8231

 1.5790, 0.8833,
1.0652

247.5452,

 0.3787, 0.0000,

233.8865, 258.8065

0.0000

297.0530,
282.4787, 312.2693

■ 0.0000, 0.0000,
0.0000

■ 43.7999, 37.9427,
42.5513

■ 43.7999, 37.9427,
42.5513

■ 39.5560, 31.4198,
35.0783

■ 48.7662, 45.6907,
50.9407

■ 35.9963, 26.0537,
28.4869

■ 54.4842, 54.7172,
60.2750

■ 33.0841, 21.7773,
22.7434

■ 60.9854, 65.0784,
70.5841

■ 30.7774, 18.5145,
17.8106

■ 68.2985, 76.8261,
81.8961

■ 29.0292, 16.1792,
13.6485

■ 76.4508, 90.0090,
94.2376

■ 27.7849, 14.6707,
10.2127

■ 79.0324, 91.8015,
105.4891

■ 26.9703, 13.8493,
7.4502

■ 79.5423, 92.0055,
108.1742

■ 26.8061, 13.6950,
6.8593

Harmonies

Analogous

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



42.4657, 37.9427, 53.8304



43.7999, 37.9427, 42.5513



42.9449, 37.9427, 32.6874

Triad

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



43.7999, 37.9427, 42.5513



32.9102, 37.9427, 25.3848



32.2176, 37.9427, 61.2007

Complementary

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



43.7999, 37.9427, 42.5513



43.9692, 54.7414, 55.8283

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.



29.9594, 37.9427, 51.3368



43.7999, 37.9427, 42.5513



30.3393, 37.9427, 30.9043

Square

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



43.7999, 37.9427, 42.5513



36.4932, 37.9427, 23.8517



29.2962, 37.9427, 40.0993



35.6370, 37.9427, 65.7144

Rectangle

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



43.7999, 37.9427, 42.5513



41.2788, 37.9427, 27.9796



29.2962, 37.9427, 40.0993



31.3069, 37.9427, 58.3251

Sweetspot

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



43.8010, 37.9444, 42.5521



86.7708, 86.8226, 95.7171



42.9093, 37.0110, 63.9141



18.2591, 18.0869, 19.9814



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.



43.8010, 37.9444, 42.5521



66.0713, 54.4479, 60.9968



43.7228, 40.4378, 34.3572



11.9689, 11.8723, 13.1122



16.9285, 8.6442, 4.5295



0.9831, 0.4979, 0.4456

Inverse Universe

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



43.8010, 37.9444, 42.5521



66.0713, 54.4479, 60.9968



43.9215, 51.1501, 66.5898



11.9689, 11.8723, 13.1122



16.9285, 8.6442, 4.5295



0.9831, 0.4979, 0.4456

Previews

White Background



This preview shows how the XYZ color 43.7999, 37.9427, 42.5513 looks on a white background.

Color Contrast Check

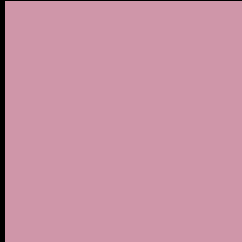
Large Text (above 18pt) WCAG AA × Fail

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 43.7999, 37.9427, 42.5513 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

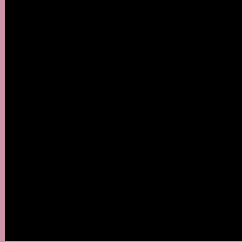
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.7999, 37.9427, 42.5513

Background



This preview shows how black text looks on a background with the XYZ color 43.7999, 37.9427, 42.5513.



This preview shows how white text looks on a background with the XYZ color 43.7999, 37.9427,

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

43.7999, 37.9427, 42.5513

Protanopia

37.0081, 38.1240, 47.5276

Deuteranopia

38.7760, 38.1035, 41.8702



Tritanopia

43.1311, 37.8994, 39.6924

Trichromacy



Original Color

43.7999, 37.9427, 42.5513

Protanomaly

39.1311, 37.9401, 45.8182

Deuteranomaly

40.3601, 37.8882, 42.2317

Tritanomaly

43.3117, 37.9716, 40.6438

Monochromacy



Original Color

43.7999, 37.9427, 42.5513

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

39.6102, 38.7725, 42.9323

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7999, 37.9427, 42.5513 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(207, 150, 169)` looks like.

```
.text, #text, p{  
    color:rgb(207, 150, 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(207, 150, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 150, 169) }
```

Border

The CSS property to change the border of an element to XYZ 43.7999, 37.9427, 42.5513 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(207, 150, 169) }
```


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

```
.border{ border-color:rgb(207, 150, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 150, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 150, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 150, 169);  
box-shadow:4px 4px 4px 4px rgb(207, 150,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7999, 37.9427, 42.5513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 150, 169) }
```

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

```
.background{ background-color: rgb(207,  
150, 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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