

Converting Colors

XYZ(42.3386, 40.9619, 42.9137)

Have a look what the booklet for
XYZ(42.3386, 40.9619, 42.9137)
contains.

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Color

**XYZ(42.2612, 40.9439,
42.7213)**

Conversions

Conversions Part 1

Format	Color
Hex	C0A5A8
RGB	192, 165, 168
RGB Percent	75%, 65%, 66%
CMY	0.2471, 0.3529, 0.3412
CMYK	0.00, 0.14, 0.12, 0.25
HSL	353°, 18%, 70%
HSV	353°, 14%, 75%
XYZ	42.2612, 40.9439, 42.7213
YIQ	173.4150, 15.1290, 6.6570

Conversions

Conversions Part 2

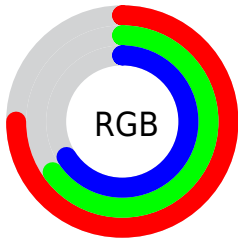
Format	Color
RYB	192, 165, 168
Decimal	12625320
CIELab	70.14, 10.35, 2.09
CIELCh	70, 10.557, 11.443
Yxy	40.9439, 0.3356, 0.3251
Android (android.graphics.Color)	4290815400 (0xFFC0A5A8)
YUV	173.4150, -2.6696, 16.2990
Hunter-Lab	63.9874, 5.9143, 5.2061

Details

The XYZ color **42.2612, 40.9439, 42.7213** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.5536, 49.3737, 55.3811**, and the grayscale version is **39.9411, 42.0211, 45.7610**.

A 20% lighter version of the original color is **77.9794, 76.6538, 80.4978**, and **19.5387, 18.4745, 19.0591** is the 20% darker color. If you saturate the color by 10%, you get **37.5676, 33.9363, 33.8196**, and if you desaturate by 10%, it is **47.6858, 49.0784, 52.8975**.

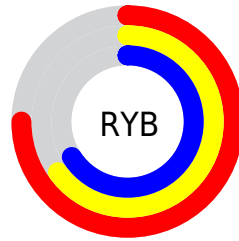
Distribution



Red (75%)

Green (65%)

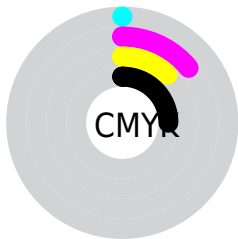
Blue (66%)



Red (75%)

Yellow (65%)

Blue (66%)

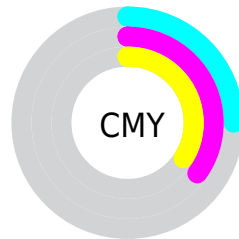


Cyan (0%)

Magenta (14%)

Yellow (12%)

Black (25%)



Cyan (25%)


Magenta (35%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.2612, 40.9439, 42.7213 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 42.2612, 40.9439, 42.7213 by changing the saturation by 10% instead.


 42.2612, 40.9439,
42.7213


 42.2612, 40.9439,
42.7213


346.5378,
350.0861, 373.3518

 29.4979, 28.2753,
29.3367

 77.8575, 76.5987,
80.5720

 19.6039, 18.5333,
19.0879


 101.4211,
100.3537, 105.8751

 12.2141, 11.3335,
11.5564


129.3156,
128.5729, 135.9882

 6.9629, 6.2916,
6.3235

161.9063,
161.6407, 171.3298

 3.4850, 3.0232,
2.9708

199.5585,
199.9415, 212.3184

 1.4151, 1.1439,
1.0798

242.6376,

 0.2670, 0.0151,

243.8598, 259.3726

0.0000

291.5089,
293.7798, 312.9109

■ 0.0000, 0.0000,
0.0000

■ 42.2612, 40.9439,
42.7213

■ 42.2612, 40.9439,
42.7213

■ 37.5676, 33.9363,
33.8196

■ 47.6858, 49.0784,
52.8975

■ 33.5703, 28.0008,
26.1396

■ 53.8672, 58.3808,
64.3930

■ 30.2371, 23.0860,
19.6286

■ 60.8342, 68.8965,
77.2536

■ 27.5319, 19.1344,
14.2292

■ 68.6131, 80.6670,
91.5221

■ 25.4148, 16.0826,
9.8789

■ 75.2832, 89.8405,
106.5910

■ 23.8419, 13.8596,
6.5092

■ 75.5484, 89.9465,
107.9873

■ 22.7623, 12.3837,
4.0433

■ 22.1160, 11.5566,
2.3926

■ 21.8766, 11.2618,
1.7454

Harmonies

Analogous

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



42.1486, 40.9439, 47.6757



42.2612, 40.9439, 42.7213



41.4579, 40.9439, 38.5797

Triad

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



42.2612, 40.9439, 42.7213



36.7598, 40.9439, 37.8270



37.8690, 40.9439, 54.2151

Complementary

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



42.2612, 40.9439, 42.7213



43.5536, 49.3737, 55.3811

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.



36.4801, 40.9439, 51.1743



42.2612, 40.9439, 42.7213



35.8529, 40.9439, 41.6231

Square

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



42.2612, 40.9439, 42.7213



38.2611, 40.9439, 35.8967



35.7521, 40.9439, 46.4938



39.5782, 40.9439, 54.5637

Rectangle

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



42.2612, 40.9439, 42.7213



40.5246, 40.9439, 36.7408



35.7521, 40.9439, 46.4938



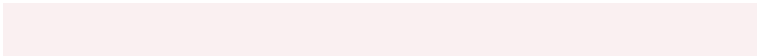
37.3505, 40.9439, 53.4639

Sweetspot

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



42.2623, 40.9457, 42.7222



86.3995, 88.9209, 95.8393



43.9198, 41.5176, 55.5683



18.3652, 18.8206, 20.2425



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



42.2623, 40.9457, 42.7222



73.7029, 69.8936, 71.9811



43.9291, 44.7209, 41.9163



10.1176, 10.0957, 10.7100



14.7353, 7.5839, 1.2522



0.6522, 0.3339, 0.1357

Inverse Universe

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



42.2623, 40.9457, 42.7222



73.7029, 69.8936, 71.9811



41.6893, 45.1192, 56.3811



10.1176, 10.0957, 10.7100



14.7353, 7.5839, 1.2522



0.6522, 0.3339, 0.1357

Previews

White Background



This preview shows how the XYZ color 42.2612, 40.9439, 42.7213 looks on a white background.

Color Contrast Check

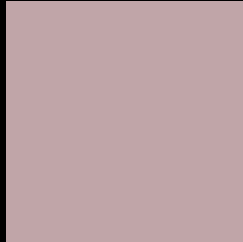
Large Text (above 18pt) WCAG AA × Fail

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 42.2612, 40.9439, 42.7213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

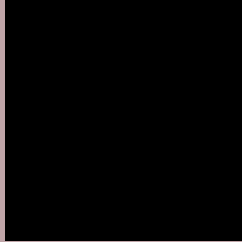
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.2612, 40.9439, 42.7213

Background



This preview shows how black text looks on a background with the XYZ color 42.2612, 40.9439, 42.7213.



This preview shows how white text looks on a background with the XYZ color 42.2612, 40.9439,

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

42.2612, 40.9439, 42.7213

Protanopia

39.5928, 41.1801, 44.3899

Deuteranopia

41.6904, 40.9184, 42.7465



Tritanopia

43.1043, 41.0230, 46.7207

Trichromacy



Original Color

42.2612, 40.9439, 42.7213

Protanomaly

40.4997, 41.1020, 43.8291

Deuteranomaly

41.9393, 41.0467, 42.7582

Tritanomaly

42.8106, 40.9055, 45.1744

Monochromacy



Original Color

42.2612, 40.9439, 42.7213

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

40.5478, 41.3930, 44.3806

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.2612, 40.9439, 42.7213 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(192, 165, 168)` looks like.

```
.text, #text, p{  
    color:rgb(192, 165, 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(192, 165, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 165, 168) }
```

Border

The CSS property to change the border of an element to XYZ 42.2612, 40.9439, 42.7213 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(192, 165, 168) }
```


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

```
.border{ border-color:rgb(192, 165, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 165, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 165, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 165, 168);  
box-shadow:4px 4px 4px 4px rgb(192, 165,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 42.2612, 40.9439, 42.7213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 165, 168) }
```

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

```
.background{ background-color: rgb(192,  
165, 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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