

Converting Colors

XYZ(42.0899, 39.4155, 41.2446)

Have a look what the booklet for
XYZ(42.0899, 39.4155, 41.2446)
contains.

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Color

**XYZ(42.0460, 39.2852,
41.4431)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | C49FA6 |
| RGB | 196, 159, 166 |
| RGB Percent | 77%, 62%, 65% |
| CMY | 0.2314, 0.3765, 0.3490 |
| CMYK | 0.00, 0.19, 0.15, 0.23 |
| HSL | 349°, 24%, 70% |
| HSV | 349°, 19%, 77% |
| XYZ | 42.0460, 39.2852, 41.4431 |
| YIQ | 170.8610, 19.8050, 10.0210 |

Conversions

Conversions Part 2

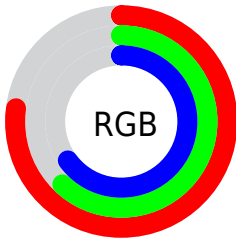
| Format | Color |
|-------------------------------------|--|
| RYB | 196, 159, 166 |
| Decimal | 12885926 |
| CIELab | 68.96, 14.78, 1.54 |
| CIELCh | 69, 14.861, 5.934 |
| Yxy | 39.2852, 0.3425, 0.3200 |
| Android (android.graphics.Color) | 4291076006 (0xFFC49FA6) |
| YUV | 170.8610, -2.3965, 22.0469 |
| Hunter-Lab | 62.6779, 10.0562, 4.6715 |

Details

The XYZ color **42.0460, 39.2852, 41.4431** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.2249, 50.5259, 55.6208**, and the grayscale version is **38.6445, 40.6570, 44.2755**.

A 20% lighter version of the original color is **77.6057, 74.1962, 78.6377**, and **19.4503, 17.4811, 18.2686** is the 20% darker color. If you saturate the color by 10%, you get **37.5701, 32.5240, 33.1972**, and if you desaturate by 10%, it is **47.2387, 47.1909, 50.8179**.

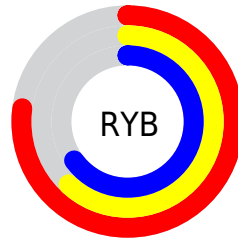
Distribution



Red (77%)

Green (62%)

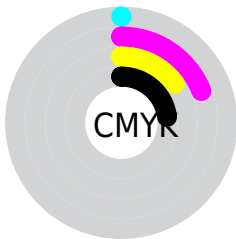
Blue (65%)



Red (77%)

Yellow (62%)

Blue (65%)

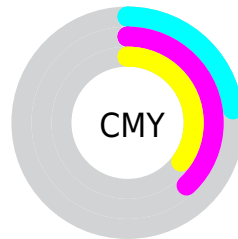


Cyan (0%)

Magenta (19%)

Yellow (15%)

Black (23%)



Cyan (23%)


Magenta (38%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.0460, 39.2852, 41.4431 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 42.0460, 39.2852, 41.4431 by changing the saturation by 10% instead.


 42.0460, 39.2852,
41.4431


 42.0460, 39.2852,
41.4431


345.6620,
343.1015, 367.9005

 29.3286, 26.9817,
28.3432


 77.5340, 74.0738,
78.6170

 19.4751, 17.5595,
18.3432


 101.0352, 97.3277,
103.5281

 12.1201, 10.6342,
11.0247


128.8618,
125.0004, 133.2134

 6.8983, 5.8214,
5.9691

161.3791,
157.4765, 168.0913

 3.4443, 2.7368,
2.7578

198.9523,
195.1402, 208.5804

 1.3929, 0.9959,
0.9723

241.9470,

 0.2511, 0.0000,

238.3760, 255.0993

0.0000

290.7284,
287.5683, 308.0665

■ 0.0000, 0.0000,
0.0000

■ 42.0460, 39.2852,
41.4431

■ 42.0460, 39.2852,
41.4431

■ 37.5701, 32.5240,
33.1972

■ 47.2387, 47.1909,
50.8179

■ 33.7761, 26.8491,
26.0348

■ 53.1747, 56.2852,
61.3595

■ 30.6310, 22.2051,
19.9112

■ 59.8829, 66.6163,
73.1074

■ 28.0978, 18.5299,
14.7774

■ 67.3900, 78.2283,
86.0981

■ 26.1354, 15.7543,
10.5806

■ 75.0782, 89.8771,
100.1526

■ 24.6979, 13.8002,
7.2628

■ 76.5751, 90.4758,
108.0354

■ 23.7318, 12.5756,
4.7592

■ 23.1528, 11.9292,
2.9890

■ 23.1001, 11.8698,
2.8293

Harmonies

Analogous

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



41.6459, 39.2852, 48.3068



42.0460, 39.2852, 41.4431



41.1426, 39.2852, 35.5804

Triad

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



42.0460, 39.2852, 41.4431



34.7346, 39.2852, 33.0754



35.5161, 39.2852, 55.7978

Complementary

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



42.0460, 39.2852, 41.4431



43.2249, 50.5259, 55.6208

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.



33.7782, 39.2852, 50.8792



42.0460, 39.2852, 41.4431



33.3405, 39.2852, 37.6823

Square

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



42.0460, 39.2852, 41.4431



36.8714, 39.2852, 31.0881



32.9978, 39.2852, 44.1349



37.8113, 39.2852, 57.0752

Rectangle

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



42.0460, 39.2852, 41.4431



39.9442, 39.2852, 32.8709



32.9978, 39.2852, 44.1349



34.8504, 39.2852, 54.4918

Sweetspot

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



42.0471, 39.2870, 41.4439



88.4281, 89.8502, 97.1546



43.2504, 39.5514, 57.5796



18.7796, 19.0057, 20.5317



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.



42.0471, 39.2870, 41.4439



72.3755, 65.4246, 68.1284



43.4177, 43.0275, 38.8198



10.1493, 10.1083, 10.8767



14.8667, 7.6364, 1.9443



0.6664, 0.3396, 0.2104

Inverse Universe

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



42.0471, 39.2870, 41.4439



72.3755, 65.4246, 68.1284



41.5913, 46.0138, 58.9144



10.1493, 10.1083, 10.8767



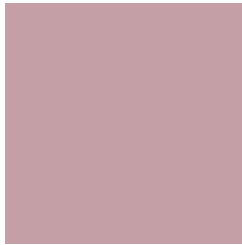
14.8667, 7.6364, 1.9443



0.6664, 0.3396, 0.2104

Previews

White Background



This preview shows how the XYZ color 42.0460, 39.2852, 41.4431 looks on a white background.

Color Contrast Check

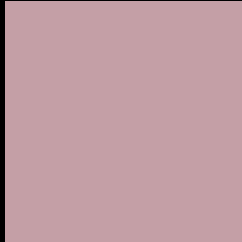
Large Text (above 18pt) WCAG AA × Fail

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 42.0460, 39.2852, 41.4431 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

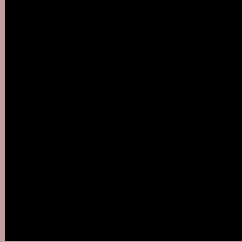
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.0460, 39.2852, 41.4431

Background



This preview shows how black text looks on a background with the XYZ color 42.0460, 39.2852, 41.4431.



This preview shows how white text looks on a background with the XYZ color 42.0460, 39.2852,

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

42.0460, 39.2852, 41.4431

Protanopia

38.1479, 39.6035, 44.1617

Deuteranopia

40.1384, 39.3501, 41.0771



Tritanopia

42.6035, 39.2643, 43.8614

Trichromacy



Original Color

42.0460, 39.2852, 41.4431

Protanomaly

39.4390, 39.4781, 43.0775

Deuteranomaly

40.9471, 39.5044, 41.0643

Tritanomaly

42.4142, 39.1886, 42.8648

Monochromacy



Original Color

42.0460, 39.2852, 41.4431

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.8025, 40.2053, 43.1987

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.0460, 39.2852, 41.4431 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(196, 159, 166)` looks like.

```
.text, #text, p{  
    color:rgb(196, 159, 166)  
}
```

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(196, 159, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 159, 166) }
```

Border

The CSS property to change the border of an element to XYZ 42.0460, 39.2852, 41.4431 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(196, 159, 166) }
```


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

```
.border{ border-color:rgb(196, 159, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 159, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 159, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 159, 166);  
box-shadow:4px 4px 4px 4px rgb(196, 159,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 42.0460, 39.2852, 41.4431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 159, 166) }
```

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

```
.background{ background-color: rgb(196,  
159, 166) }
```

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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