

Converting Colors

XYZ(42.1865, 40.3521, 39.4086)

Have a look what the booklet for
XYZ(42.1865, 40.3521, 39.4086)
contains.

XYZ(42.2952, 40.5034, 39.3069)	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(42.2952, 40.5034,
39.3069)**

Conversions

Conversions Part 1

Format	Color
Hex	C4A3A1
RGB	196, 163, 161
RGB Percent	77%, 64%, 63%
CMY	0.2314, 0.3608, 0.3686
CMYK	0.00, 0.17, 0.18, 0.23
HSL	3°, 23%, 70%
HSV	3°, 18%, 77%
XYZ	42.2952, 40.5034, 39.3069
YIQ	172.6390, 20.3100, 6.3740

Conversions

Conversions Part 2

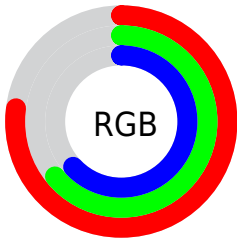
Format	Color
R _Y B	196, 163, 161
Decimal	12886945
CIE Lab	69.83, 11.79, 5.57
CIE LCh	70, 13.036, 25.293
Yxy	40.5034, 0.3464, 0.3317
Android (android.graphics.Color)	4291077025 (0xFFC4A3A1)
YUV	172.6390, -5.7380, 20.4876
Hunter-Lab	63.6423, 7.2530, 7.9308

Details

The XYZ color **42.2952, 40.5034, 39.3069** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.9531, 50.1449, 59.5873**, and the grayscale version is **39.5587, 41.6188, 45.3229**.

A 20% lighter version of the original color is **77.9741, 75.9833, 75.5223**, and **19.6542, 18.2455, 17.2377** is the 20% darker color. If you saturate the color by 10%, you get **37.6560, 33.7774, 29.8910**, and if you desaturate by 10%, it is **47.6870, 48.3001, 50.3113**.

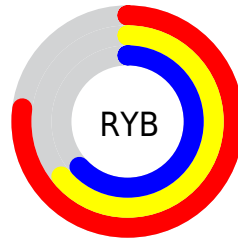
Distribution



Red (77%)

Green (64%)

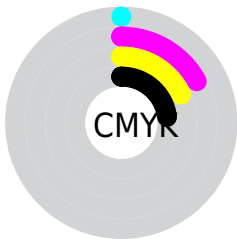
Blue (63%)



Red (77%)

Yellow (64%)

Blue (63%)

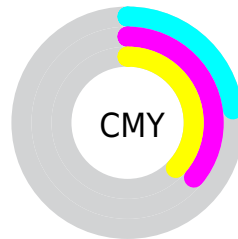


Cyan (0%)

Magenta (17%)

Yellow (18%)

Black (23%)



Cyan (23%)


Magenta (36%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.2952, 40.5034, 39.3069 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 42.2952, 40.5034, 39.3069 by changing the saturation by 10% instead.


 42.2952, 40.5034,
39.3069


 42.2952, 40.5034,
39.3069


346.6760,
348.2408, 358.6584

 29.5246, 27.9313,
26.6889


 77.9086, 75.9295,
75.3324

 19.6243, 18.2738,
17.1093


 101.4821, 99.5522,
99.5770

 12.2289, 11.1468,
10.1497


129.3873,
127.6272, 128.5342

 6.9731, 6.1656,
5.3914

161.9895,
160.5389, 162.6226

 3.4915, 2.9461,
2.4160

199.6542,
198.6718, 202.2607

 1.4187, 1.1036,
0.7951

242.7466,

 0.2695, 0.0000,

242.4101, 247.8669

0.0000

291.6321,
292.1383, 299.8600

■ 0.0000, 0.0000,
0.0000

■ 42.2952, 40.5034,
39.3069

■ 42.2952, 40.5034,
39.3069

■ 37.6560, 33.7774,
29.8910

■ 47.6870, 48.3001,
50.3113

■ 33.7328, 28.0703,
21.9880

■ 53.8592, 57.2058,
62.9701

■ 30.4908, 23.3340,
15.5195

■ 60.8424, 67.2633,
77.3486

■ 27.8912, 19.5145,
10.3997

■ 68.6645, 78.5117,
93.5078

■ 25.8912, 16.5524,
6.5331

■ 76.5751, 90.4759,
108.0354

■ 24.4427, 14.3815,
3.8119

■ 23.4903, 12.9257,
2.1101

■ 22.9615, 12.0919,
1.2444

■ 22.8874, 11.9803,
1.1061

Harmonies

Analogous

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



42.6972, 40.5034, 45.0648



42.2952, 40.5034, 39.3069



40.8612, 40.5034, 35.1972

Triad

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



42.2952, 40.5034, 39.3069



35.2478, 40.5034, 37.7924



38.1642, 40.5034, 56.7666

Complementary

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



42.2952, 40.5034, 39.3069



43.9531, 50.1449, 59.5873

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.



36.2263, 40.5034, 54.3931



42.2952, 40.5034, 39.3069



34.5822, 40.5034, 43.1517

Square

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



42.2952, 40.5034, 39.3069



36.7846, 40.5034, 34.3806



34.9338, 40.5034, 49.2706



40.2623, 40.5034, 55.5006

Rectangle

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



42.2952, 40.5034, 39.3069



39.5397, 40.5034, 33.7615



34.9338, 40.5034, 49.2706



37.4733, 40.5034, 56.3622

Sweetspot

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



42.2963, 40.5052, 39.3077



89.3492, 91.7750, 97.2065



45.2760, 41.1323, 56.7397



18.9593, 19.4053, 20.4679



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.



42.2963, 40.5052, 39.3077



73.5513, 68.9296, 64.9645



45.5702, 47.0530, 40.3990



10.1185, 10.1683, 10.4913



14.7273, 7.7404, 0.7178



0.6526, 0.3670, 0.0364

Inverse Universe

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



43.9531, 50.1449, 59.5873



77.0483, 89.2794, 107.7795



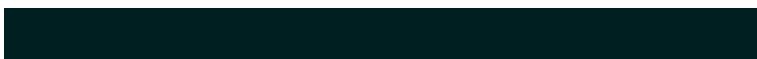
40.3350, 42.9087, 58.3813



10.3176, 11.3264, 12.9273



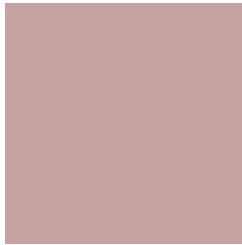
17.5417, 24.8400, 37.4267



0.7732, 1.1038, 1.6222

Previews

White Background



This preview shows how the XYZ color 42.2952, 40.5034, 39.3069 looks on a white background.

Color Contrast Check

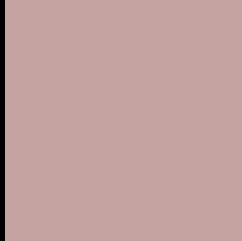
Large Text (above 18pt) WCAG AA × Fail

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 42.2952, 40.5034, 39.3069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

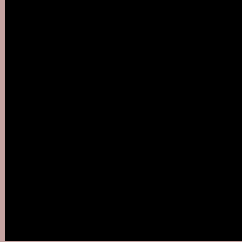
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.2952, 40.5034, 39.3069

Background



This preview shows how black text looks on a background with the XYZ color 42.2952, 40.5034, 39.3069.



This preview shows how white text looks on a background with the XYZ color 42.2952, 40.5034,

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

42.2952, 40.5034, 39.3069

Protanopia

38.8455, 40.5800, 41.3827

Deuteranopia

41.3740, 40.5598, 39.3664



Tritanopia

43.6736, 40.5515, 45.5698

Trichromacy



Original Color

42.2952, 40.5034, 39.3069

Protanomaly

40.0480, 40.3850, 40.8063

Deuteranomaly

41.7008, 40.4616, 39.3302

Tritanomaly

43.1077, 40.5756, 43.0960

Monochromacy



Original Color

42.2952, 40.5034, 39.3069

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

40.4055, 41.0643, 43.3327

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.2952, 40.5034, 39.3069 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, 163, 161)` looks like.

```
.text, #text, p{  
    color:rgb(196, 163, 161)  
}
```

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, 163, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 163, 161) }
```

Border

The CSS property to change the border of an element to XYZ 42.2952, 40.5034, 39.3069 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, 163, 161) }
```


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

```
.border{ border-color:rgb(196, 163, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 163, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 163, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 163, 161);  
box-shadow:4px 4px 4px 4px rgb(196, 163,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 42.2952, 40.5034, 39.3069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 163, 161) }
```

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

```
.background{ background-color: rgb(196,  
163, 161) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor