

Converting Colors

XYZ(43.1114, 40.8769, 39.7596)

Have a look what the booklet for
XYZ(43.1114, 40.8769, 39.7596)
contains.

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Color

**XYZ(43.1720, 40.9451,
39.8102)**

Conversions

Conversions Part 1

Format	Color
Hex	C7A3A2
RGB	199, 163, 162
RGB Percent	78%, 64%, 64%
CMY	0.2196, 0.3608, 0.3647
CMYK	0.00, 0.18, 0.19, 0.22
HSL	2°, 25%, 71%
HSV	2°, 19%, 78%
XYZ	43.1720, 40.9451, 39.8102
YIQ	173.6500, 21.7770, 7.3210

Conversions

Conversions Part 2

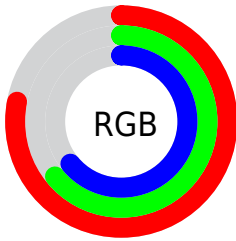
Format	Color
R_{YB}	199, 163, 162
Decimal	13083554
CIE _{Lab}	70.14, 13.07, 5.50
CIE _{LCh}	70, 14.176, 22.829
Yxy	40.9451, 0.3484, 0.3304
Android (android.graphics.Color)	4291273634 (0xFFC7A3A2)
YUV	173.6500, -5.7434, 22.2320
Hunter-Lab	63.9884, 8.4517, 7.9047

Details

The XYZ color **43.1720, 40.9451, 39.8102** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.4029, 52.1920, 61.7144**, and the grayscale version is **40.0742, 42.1612, 45.9135**.

A 20% lighter version of the original color is **78.8358, 76.4126, 76.2396**, and **20.1760, 18.5144, 17.2621** is the 20% darker color. If you saturate the color by 10%, you get **38.3630, 33.9372, 30.1596**, and if you desaturate by 10%, it is **48.7895, 49.1212, 51.1123**.

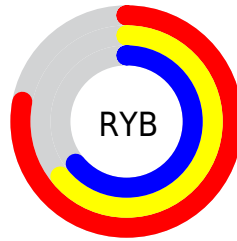
Distribution



Red (78%)

Green (64%)

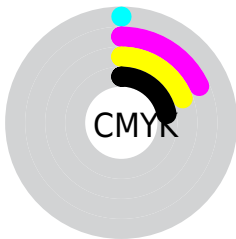
Blue (64%)



Red (78%)

Yellow (64%)

Blue (64%)

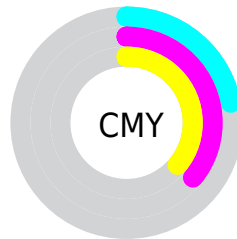


Cyan (0%)

Magenta (18%)

Yellow (19%)

Black (22%)



Cyan (22%)


Magenta (36%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.1720, 40.9451, 39.8102 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 43.1720, 40.9451, 39.8102 by changing the saturation by 10% instead.


 43.1720, 40.9451,
39.8102


 43.1720, 40.9451,
39.8102


350.2282,
350.0911, 360.8512

 30.2152, 28.2762,
27.0779

 79.2244, 76.6005,
76.1083

 20.1509, 18.5340,
17.3988


 103.0508,
100.3559, 100.5113

 12.6137, 11.3340,
10.3543


131.2310,
128.5755, 129.6415

 7.2382, 6.2920,
5.5258

164.1305,
161.6437, 163.9176

 3.6592, 3.0234,
2.4949

202.1147,
199.9450, 203.7581

 1.5112, 1.1440,
0.8374

245.5487,

 0.3334, 0.0152,

243.8637, 249.5815

0.0000

294.7981,
293.7843, 301.8064

■ 0.0000, 0.0000,
0.0000

■ 43.1720, 40.9451,
39.8102

■ 43.1720, 40.9451,
39.8102

■ 38.3630, 33.9372,
30.1596

■ 48.7895, 49.1212,
51.1123

■ 34.3220, 28.0389,
22.0808

■ 55.2467, 58.5094,
64.1355

■ 31.0104, 23.1951,
15.4914

■ 62.5773, 69.1583,
78.9483

■ 28.3847, 19.3436,
10.3005

■ 70.8122, 81.1123,
95.6150

■ 26.3968, 16.4157,
6.4071

■ 77.3634, 90.8822,
108.0723

■ 24.9924, 14.3342,
3.6968

■ 24.1082, 13.0091,
2.0353

■ 23.6569, 12.3247,
1.2125

■ 23.6120, 12.2594,
1.1218

Harmonies

Analogous

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



43.5097, 40.9451, 46.1951



43.1720, 40.9451, 39.8102



41.6731, 40.9451, 35.1634

Triad

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



43.1720, 40.9451, 39.8102



35.4719, 40.9451, 37.3049



38.3632, 40.9451, 58.4868

Complementary

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



43.1720, 40.9451, 39.8102



45.4029, 52.1920, 61.7144

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.



36.2853, 40.9451, 55.5487



43.1720, 40.9451, 39.8102



34.6596, 40.9451, 43.0074

Square

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



43.1720, 40.9451, 39.8102



37.2131, 40.9451, 33.8203



34.9514, 40.9451, 49.7212



40.6724, 40.9451, 57.4146

Rectangle

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



43.1720, 40.9451, 39.8102



40.2481, 40.9451, 33.4631



34.9514, 40.9451, 49.7212



37.6158, 40.9451, 57.9263

Sweetspot

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



43.1731, 40.9470, 39.8111



88.1176, 89.9213, 94.9169



46.7114, 42.0783, 59.3187



18.7064, 19.0224, 20.0050



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.



43.1731, 40.9470, 39.8111



72.2892, 66.8830, 63.0716



46.6229, 47.8465, 40.9610



10.6565, 10.6822, 11.0630



15.1933, 7.9037, 0.7248



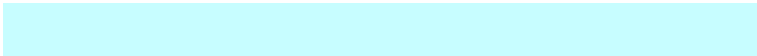
0.7276, 0.3907, 0.0371

Inverse Universe

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



45.4029, 52.1920, 61.7144



76.8532, 89.9015, 107.9099



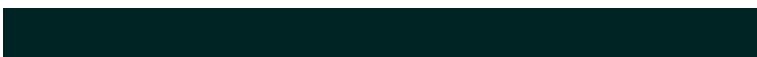
41.5073, 44.4009, 60.4159



10.9211, 12.0163, 13.6613



18.9880, 27.3700, 39.0265



0.9070, 1.3119, 1.8506

Previews

White Background



This preview shows how the XYZ color 43.1720, 40.9451, 39.8102 looks on a white background.

Color Contrast Check

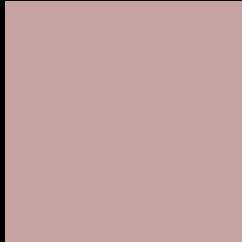
Large Text (above 18pt) WCAG AA × Fail

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 43.1720, 40.9451, 39.8102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

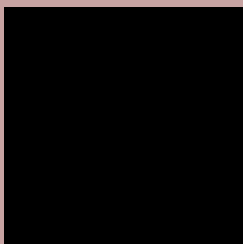
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.1720, 40.9451, 39.8102

Background



This preview shows how black text looks on a background with the XYZ color 43.1720, 40.9451, 39.8102.



This preview shows how white text looks on a background with the XYZ color 43.1720, 40.9451,

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

43.1720, 40.9451, 39.8102

Protanopia

39.3503, 41.1091, 41.9373

Deuteranopia

41.8075, 41.0521, 39.4386



Tritanopia

44.2043, 40.8251, 45.5946

Trichromacy



Original Color

43.1720, 40.9451, 39.8102

Protanomaly

40.5613, 40.9122, 41.3563

Deuteranomaly

42.3938, 41.0856, 39.4141

Tritanomaly

43.9954, 41.0223, 43.6295

Monochromacy



Original Color

43.1720, 40.9451, 39.8102

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

41.1589, 41.7190, 43.9135

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1720, 40.9451, 39.8102 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(199, 163, 162)` looks like.

```
.text, #text, p{  
    color:rgb(199, 163, 162)  
}
```

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(199, 163, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 163, 162) }
```

Border

The CSS property to change the border of an element to XYZ 43.1720, 40.9451, 39.8102 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(199, 163, 162) }
```


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

```
.border{ border-color:rgb(199, 163, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 163, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 163, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 163, 162);  
box-shadow:4px 4px 4px 4px rgb(199, 163,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1720, 40.9451, 39.8102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 163, 162) }
```

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

```
.background{ background-color: rgb(199,  
163, 162) }
```

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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