

Converting Colors

XYZ(43.5936, 42.5461, 31.9110)

Have a look what the booklet for
XYZ(43.5936, 42.5461, 31.9110)
contains.

XYZ(43.4052, 42.3171, 31.8669)	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(43.4052, 42.3171,
31.8669)**

Conversions

Conversions Part 1

Format	Color
Hex	CBA78F
RGB	203, 167, 143
RGB Percent	80%, 65%, 56%
CMY	0.2039, 0.3451, 0.4392
CMYK	0.00, 0.18, 0.30, 0.20
HSL	24°, 37%, 68%
HSV	24°, 30%, 80%
XYZ	43.4052, 42.3171, 31.8669
YIQ	175.0280, 29.1600, 0.1680

Conversions

Conversions Part 2

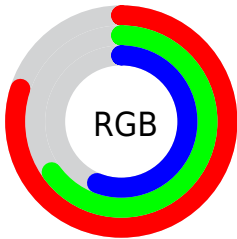
Format	Color
R _Y B	203, 183, 143
Decimal	13346703
CIE Lab	71.09, 9.66, 17.37
CIE LCh	71, 19.870, 60.927
Yxy	42.3171, 0.3691, 0.3599
Android (android.graphics.Color)	4291536783 (0xFFCBA78F)
YUV	175.0280, -15.7898, 24.5314
Hunter-Lab	65.0516, 5.2625, 16.4917

Details

The XYZ color **43.4052, 42.3171, 31.8669** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.2268, 42.3902, 62.6673**, and the grayscale version is **40.8315, 42.9579, 46.7812**.

A 20% lighter version of the original color is **77.4393, 77.5338, 63.7073**, and **20.3193, 19.3477, 13.0195** is the 20% darker color. If you saturate the color by 10%, you get **39.8776, 37.5041, 23.7783**, and if you desaturate by 10%, it is **47.4235, 47.6656, 41.4930**.

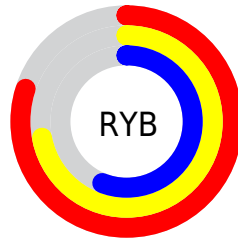
Distribution



Red (80%)

Green (65%)

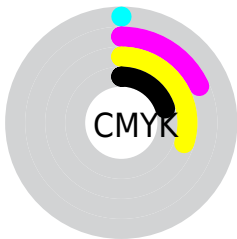
Blue (56%)



Red (80%)

Yellow (72%)

Blue (56%)

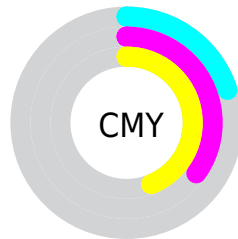


Cyan (0%)

Magenta (18%)

Yellow (30%)

Black (20%)



Cyan (20%)


Magenta (35%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.4052, 42.3171, 31.8669 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 43.4052, 42.3171, 31.8669 by changing the saturation by 10% instead.


 43.4052, 42.3171,
31.8669

 43.4052, 42.3171,
31.8669


351.1688,
355.7958, 324.9865

 30.3991, 29.3497,
20.9959


 79.5739, 78.6793,
63.6979

 20.2913, 19.3455,
12.9298


 103.4671,
102.8429, 85.4949

 12.7164, 11.9202,
7.2500

131.7201,
131.5073, 111.7710

 7.3092, 6.6894,
3.5382

164.6982,
165.0570, 142.9447

 3.7043, 3.2686,
1.3756

202.7668,
203.8762, 179.4345

 1.5362, 1.2735,
0.1225

246.2912,

 0.3503, 0.1206,

248.3495, 221.6591

0.0000

295.6368,
298.8612, 270.0369

■ 0.0000, 0.0000,
0.0000

■ 43.4052, 42.3171,
31.8669

■ 43.4052, 42.3171,
31.8669

■ 39.8776, 37.5041,
23.7783

■ 47.4235, 47.6656,
41.4930

■ 36.8166, 33.2032,
17.1434

■ 51.9485, 53.5603,
52.7288

■ 34.2007, 29.3977,
11.8746

■ 56.9997, 60.0192,
65.6454

■ 32.0054, 26.0677,
7.8736

■ 62.5945, 67.0573,
80.3085

■ 30.2033, 23.1914,
5.0285

■ 68.7493, 74.6893,
96.7806

■ 28.7627, 20.7451,
3.2075

■ 73.8612, 82.2817,
106.5968

■ 27.6324, 18.6963,
2.1782

■ 77.5691, 89.6975,
107.8328

■ 27.5870, 18.6133,
2.1387

■ 78.4386, 91.4365,
108.1226

Harmonies

Analogous

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



45.9525, 42.3171, 37.3001



43.4052, 42.3171, 31.8669



40.1179, 42.3171, 30.1000

Triad

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



43.4052, 42.3171, 31.8669



34.1671, 42.3171, 46.3727



43.5938, 42.3171, 63.6157

Complementary

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



43.4052, 42.3171, 31.8669



38.2268, 42.3902, 62.6673

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.



40.3246, 42.3171, 66.8920



43.4052, 42.3171, 31.8669



34.9873, 42.3171, 56.1309

Square

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



43.4052, 42.3171, 31.8669



34.8932, 42.3171, 37.7471



37.1967, 42.3171, 63.9833



46.0655, 42.3171, 55.5483

Rectangle

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



43.4052, 42.3171, 31.8669



37.9827, 42.3171, 31.0158



37.1967, 42.3171, 63.9833



42.5458, 42.3171, 65.3599

Sweetspot

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



43.4063, 42.3191, 31.8678



87.3365, 90.1369, 89.1762



42.5880, 35.5965, 47.2743



18.4416, 18.9676, 18.4525



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.



43.4063, 42.3191, 31.8678



69.0932, 65.9904, 45.0521



49.5529, 54.6123, 33.9166



11.5745, 11.9380, 11.7737



17.6400, 12.0130, 1.3890



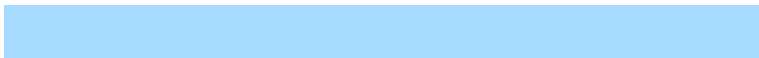
0.9837, 0.7671, 0.0962

Inverse Universe

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



38.2268, 42.3902, 62.6673



59.1317, 66.1163, 104.2529



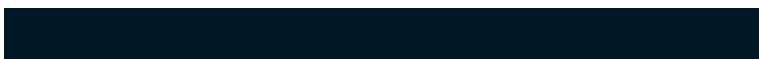
32.8551, 31.6468, 60.8767



11.1521, 11.9446, 14.2881



11.3635, 11.7509, 37.6255



0.6592, 0.7523, 1.9654

Previews

White Background



This preview shows how the XYZ color 43.4052, 42.3171, 31.8669 looks on a white background.

Color Contrast Check

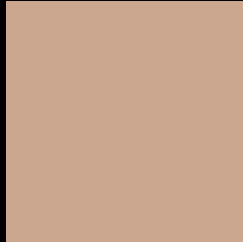
Large Text (above 18pt) WCAG AA × Fail

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 43.4052, 42.3171, 31.8669 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

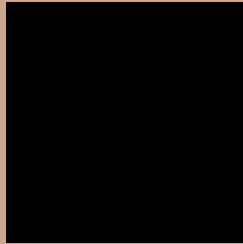
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.4052, 42.3171, 31.8669

Background



This preview shows how black text looks on a background with the XYZ color 43.4052, 42.3171, 31.8669.



This preview shows how white text looks on a background with the XYZ color 43.4052, 42.3171,

31.8669.

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

43.4052, 42.3171, 31.8669

Protanopia

40.0915, 42.5378, 33.2917

Deuteranopia

43.1338, 42.1772, 31.8542



Tritanopia

46.3903, 42.2012, 46.2581

Trichromacy



Original Color

43.4052, 42.3171, 31.8669

Protanomaly

41.1596, 42.2465, 32.7731

Deuteranomaly

43.1338, 42.1772, 31.8542

Tritanomaly

45.3399, 42.3171, 40.4287

Monochromacy



Original Color

43.4052, 42.3171, 31.8669

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.3710, 42.4637, 40.6662

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4052, 42.3171, 31.8669 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(203, 167, 143)` looks like.

```
.text, #text, p{  
    color:rgb(203, 167, 143)  
}
```

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(203, 167, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 167, 143) }
```

Border

The CSS property to change the border of an element to XYZ 43.4052, 42.3171, 31.8669 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(203, 167, 143) }
```


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

```
.border{ border-color:rgb(203, 167, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 167, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 167, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 167, 143);  
box-shadow:4px 4px 4px 4px rgb(203, 167,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4052, 42.3171, 31.8669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 167, 143) }
```

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

```
.background{ background-color: rgb(203,  
167, 143) }
```

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