

Converting Colors

XYZ(43.3617, 43.0455, 37.9588)

Have a look what the booklet for
XYZ(43.3617, 43.0455, 37.9588)
contains.

XYZ(43.2255, 42.9195, 37.9044)	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(43.2255, 42.9195,
37.9044)**

Conversions

Conversions Part 1

Format	Color
Hex	C4AA9D
RGB	196, 170, 157
RGB Percent	77%, 67%, 62%
CMY	0.2314, 0.3333, 0.3843
CMYK	0.00, 0.13, 0.20, 0.23
HSL	20°, 25%, 69%
HSV	20°, 20%, 77%
XYZ	43.2255, 42.9195, 37.9044
YIQ	176.2920, 19.6690, 1.4690

Conversions

Conversions Part 2

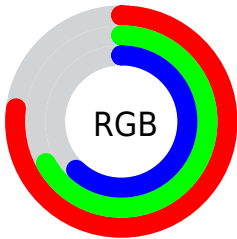
Format	Color
RYB	196, 177, 157
Decimal	12888733
CIELab	71.50, 7.35, 10.17
CIELCh	72, 12.548, 54.141
Yxy	42.9195, 0.3485, 0.3460
Android (android.graphics.Color)	4291078813 (0xFFC4AA9D)
YUV	176.2920, -9.5110, 17.2839
Hunter-Lab	65.5130, 3.1267, 11.5552

Details

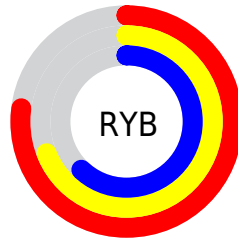
The XYZ color **43.2255, 42.9195, 37.9044** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.8017, 45.0197, 58.7641**, and the grayscale version is **41.4610, 43.6202, 47.5024**.

A 20% lighter version of the original color is **79.3169, 79.4865, 73.4493**, and **20.2353, 19.7483, 16.3809** is the 20% darker color. If you saturate the color by 10%, you get **39.3561, 37.6471, 29.0105**, and if you desaturate by 10%, it is **47.6091, 48.7900, 48.2952**.

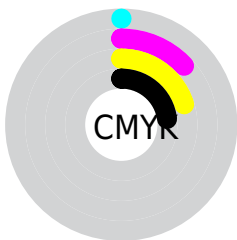
Distribution



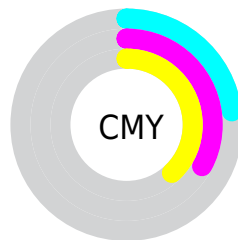
- Red (77%)
- Green (67%)
- Blue (62%)



- Red (77%)
- Yellow (69%)
- Blue (62%)



- Cyan (0%)
- Magenta (13%)
- Yellow (20%)
- Black (23%)





- Cyan (23%)
- Magenta (33%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.2255, 42.9195, 37.9044 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 43.2255, 42.9195, 37.9044 by changing the saturation by 10% instead.


 43.2255, 42.9195,
37.9044


 43.2255, 42.9195,
37.9044


350.4441,
358.2806, 352.4956

 30.2574, 29.8220,
25.6072


 79.3046, 79.5894,
73.1634

 20.1831, 19.7035,
16.3069

 103.1463,
103.9305, 96.9623

 12.6372, 12.1797,
9.5849


131.3433,
132.7883, 125.4322

 7.2545, 6.8662,
5.0226

164.2609,
166.5471, 158.9916

 3.6695, 3.3785,
2.2016

202.2644,
205.5913, 198.0591

 1.5169, 1.3324,
0.6753

245.7192,

 0.3373, 0.1661,

250.3054, 243.0533

0.0000

294.9906,
301.0737, 294.3926

■ 0.0000, 0.0000,
0.0000

■ 43.2255, 42.9195,
37.9044

■ 43.2255, 42.9195,
37.9044

■ 39.3561, 37.6471,
29.0105

■ 47.6091, 48.7900,
48.2952

■ 35.9777, 32.9478,
21.5410

■ 52.5222, 55.2712,
60.2451

■ 33.0700, 28.8031,
15.4217

■ 57.9836, 62.3824,
73.8163

■ 30.6104, 25.1915,
10.5703

■ 64.0102, 70.1404,
89.0666

■ 28.5736, 22.0897,
6.8956

■ 70.6179, 78.5613,
106.0496

■ 26.9319, 19.4728,
4.2936

■ 74.5039, 86.3334,
107.3450

■ 25.6533, 17.3129,
2.6422

■ 76.5751, 90.4759,
108.0354

■ 24.6845, 15.5728,
1.7106

■ 24.6757, 15.5569,
1.7022

Harmonies

Analogous

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



44.6230, 42.9195, 42.1234



43.2255, 42.9195, 37.9044



41.2107, 42.9195, 36.0658

Triad

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



43.2255, 42.9195, 37.9044



36.8760, 42.9195, 45.5519



42.4817, 42.9195, 58.2007

Complementary

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



43.2255, 42.9195, 37.9044



40.8017, 45.0197, 58.7641

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.



40.3795, 42.9195, 59.3177



43.2255, 42.9195, 37.9044



37.1900, 42.9195, 51.6651

Square

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



43.2255, 42.9195, 37.9044



37.5821, 42.9195, 40.2289



38.4549, 42.9195, 56.8337



44.1833, 42.9195, 53.9008

Rectangle

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



43.2255, 42.9195, 37.9044



39.8070, 42.9195, 36.3124



38.4549, 42.9195, 56.8337



41.7965, 42.9195, 58.9755

Sweetspot

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



43.2267, 42.9214, 37.9053



89.5160, 92.7182, 95.3830



43.3697, 39.2692, 50.0941



19.0359, 19.6812, 20.1148



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.



43.2267, 42.9214, 37.9053



75.0538, 73.3433, 61.1222



47.1566, 50.7812, 39.2153



10.3415, 10.6144, 10.5656



15.9265, 10.1387, 1.1176



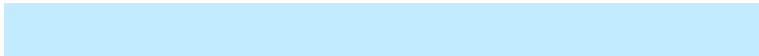
0.7523, 0.5664, 0.0697

Inverse Universe

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



40.8017, 45.0197, 58.7641



69.8392, 77.8476, 105.9529



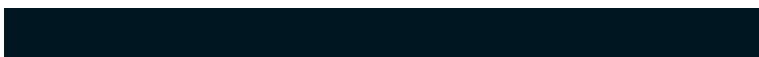
37.0552, 37.5266, 57.5153



10.0765, 10.8442, 12.8469



11.6688, 13.0941, 35.4690



0.5654, 0.6882, 1.5529

Previews

White Background



This preview shows how the XYZ color 43.2255, 42.9195, 37.9044 looks on a white background.

Color Contrast Check

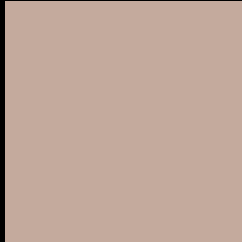
Large Text (above 18pt) WCAG AA × Fail

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 43.2255, 42.9195, 37.9044 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 43.2255, 42.9195, 37.9044

Background



This preview shows how black text looks on a background with the XYZ color 43.2255, 42.9195, 37.9044.



This preview shows how white text looks on a background with the XYZ color 43.2255, 42.9195,

37.9044.

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

43.2255, 42.9195, 37.9044

Protanopia

40.8794, 43.1082, 38.9670

Deuteranopia

43.8270, 42.9524, 37.8790



Tritanopia

45.6101, 43.0748, 49.0904

Trichromacy



Original Color

43.2255, 42.9195, 37.9044

Protanomaly

41.6086, 42.9206, 38.4392

Deuteranomaly

43.5625, 42.8160, 37.8666

Tritanomaly

44.7377, 42.9896, 44.9696

Monochromacy



Original Color

43.2255, 42.9195, 37.9044

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.8259, 43.2040, 43.6709

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2255, 42.9195, 37.9044 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, 170, 157)` looks like.

```
.text, #text, p{  
    color:rgb(196, 170, 157)  
}
```

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, 170, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 170, 157) }
```

Border

The CSS property to change the border of an element to XYZ 43.2255, 42.9195, 37.9044 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, 170, 157) }
```


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

```
.border{ border-color:rgb(196, 170, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 170, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 170, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 170, 157);  
box-shadow:4px 4px 4px 4px rgb(196, 170,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2255, 42.9195, 37.9044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 170, 157) }
```

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

```
.background{ background-color: rgb(196,  
170, 157) }
```

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