

Converting Colors

XYZ(43.5103, 44.2814, 29.7750)

Have a look what the booklet for
XYZ(43.5103, 44.2814, 29.7750)
contains.

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Color

**XYZ(43.7388, 44.4958,
29.9502)**

Conversions

Conversions Part 1

Format	Color
Hex	C9AE89
RGB	201, 174, 137
RGB Percent	79%, 68%, 54%
CMY	0.2118, 0.3176, 0.4627
CMYK	0.00, 0.13, 0.32, 0.21
HSL	35°, 37%, 66%
HSV	35°, 32%, 79%
XYZ	43.7388, 44.4958, 29.9502
YIQ	177.8550, 27.9690, -5.7830

Conversions

Conversions Part 2

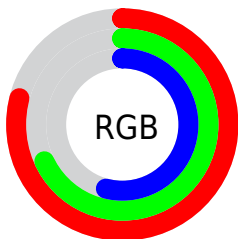
Format	Color
RYB	184, 201, 137
Decimal	13217417
CIELab	72.56, 4.30, 22.62
CIElCh	73, 23.023, 79.225
Yxy	44.4958, 0.3701, 0.3765
Android (android.graphics.Color)	4291407497 (0xFFC9AE89)
YUV	177.8550, -20.1415, 20.2982
Hunter-Lab	66.7052, 0.3090, 20.0728

Details

The XYZ color **43.7388, 44.4958, 29.9502** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **34.1342, 36.0851, 60.4244**, and the grayscale version is **42.3340, 44.5387, 48.5026**.

A 20% lighter version of the original color is **78.6633, 81.0602, 60.7904**, and **20.5339, 20.7182, 11.9336** is the 20% darker color. If you saturate the color by 10%, you get **40.8429, 40.8004, 22.5219**, and if you desaturate by 10%, it is **47.0090, 48.5096, 38.8294**.

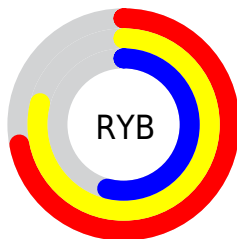
Distribution



Red (79%)

Green (68%)

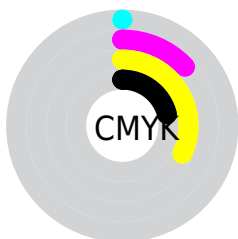
Blue (54%)



Red (72%)

Yellow (79%)

Blue (54%)

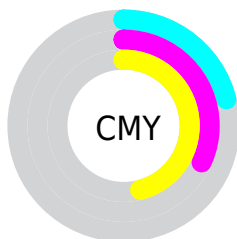


Cyan (0%)

Magenta (13%)

Yellow (32%)

Black (21%)



Cyan (21%)


Magenta (32%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.7388, 44.4958, 29.9502 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 43.7388, 44.4958, 29.9502 by changing the saturation by 10% instead.


 43.7388, 44.4958,
29.9502

 43.7388, 44.4958,
29.9502


352.5116,
364.7277, 315.8723


 30.6622, 31.0605,
19.5491


 80.0733, 81.9633,
60.6435

 20.4924, 20.6449,
11.8869


 104.0620,
106.7642, 81.7727

 12.8638, 12.8647,
6.5451


 132.4188,
136.1225, 107.3151

 7.4112, 7.3354,
3.1052

165.5091,
170.4225, 137.6891

 3.7691, 3.6728,
1.1486

203.6981,
210.0486, 173.3132

 1.5724, 1.4922,
0.0000

247.3513,

 0.3743, 0.2833,

255.3853, 214.6061

0.0000

296.8340,
306.8168, 261.9863

■ 0.0000, 0.0000,
0.0000

■ 43.7388, 44.4958,
29.9502

■ 43.7388, 44.4958,
29.9502

■ 40.8429, 40.8004,
22.5219

■ 47.0090, 48.5096,
38.8294

■ 38.3011, 37.4073,
16.4625

■ 50.6658, 52.8448,
49.2301

■ 36.0961, 34.3084,
11.6858


■ 54.7249, 57.5122,
61.2214


■ 34.2076, 31.4921,
8.0946


■ 59.2000, 62.5201,
74.8673


■ 32.6126, 28.9460,
5.5778


■ 64.1044, 67.8764,
90.2283


 31.2838, 26.6558,
4.0023

 69.0287, 73.4202,
105.1411

 30.3579, 24.9585,
3.2174

 71.3763, 78.1154,
105.9236

 73.8393, 83.0413,
106.7446

 76.4192, 88.2012,
107.6046

Harmonies

Analogous

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



47.4892, 44.4958, 33.6746



43.7388, 44.4958, 29.9502



39.8218, 44.4958, 30.5608

Triad

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



43.7388, 44.4958, 29.9502



35.4698, 44.4958, 56.0291



48.3558, 44.4958, 64.2176

Complementary

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



43.7388, 44.4958, 29.9502



34.1342, 36.0851, 60.4244

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.



44.8621, 44.4958, 72.2287



43.7388, 44.4958, 29.9502



37.4884, 44.4958, 67.0124

Square

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



43.7388, 44.4958, 29.9502



35.2109, 44.4958, 44.4654



40.8773, 44.4958, 73.3250



50.2638, 44.4958, 52.6623

Rectangle

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



43.7388, 44.4958, 29.9502



37.6349, 44.4958, 33.3764



40.8773, 44.4958, 73.3250



47.3180, 44.4958, 67.4867

Sweetspot

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



43.7399, 44.4978, 29.9511



87.8770, 91.7934, 87.5816



39.8006, 33.0162, 39.7457



18.6059, 19.4109, 18.1537



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.



43.7399, 44.4978, 29.9511



71.4990, 71.8897, 42.5006



48.3583, 55.4138, 31.8147



11.1346, 11.6383, 11.2223



19.1802, 15.8776, 2.0538



0.9788, 0.8929, 0.1208

Inverse Universe

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



34.1342, 36.0851, 60.4244



52.5874, 55.3335, 102.5165



30.5187, 27.7951, 59.0148



10.4182, 11.0105, 13.4936



8.7470, 6.8879, 35.6128



0.4855, 0.4688, 1.7101

Previews

White Background



This preview shows how the XYZ color 43.7388, 44.4958, 29.9502 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 43.7388, 44.4958, 29.9502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

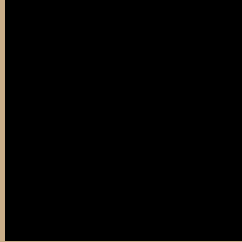
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.7388, 44.4958, 29.9502

Background



This preview shows how black text looks on a background with the XYZ color 43.7388, 44.4958, 29.9502.



This preview shows how white text looks on a background with the XYZ color 43.7388, 44.4958,

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

43.7388, 44.4958, 29.9502

Protanopia

41.8158, 44.6520, 30.8409

Deuteranopia

45.4449, 44.5161, 30.2420



Tritanopia

47.7967, 44.4633, 49.7792

Trichromacy



Original Color

43.7388, 44.4958, 29.9502

Protanomaly

42.5577, 44.7486, 30.4391

Deuteranomaly

44.7936, 44.4618, 30.2659

Tritanomaly

46.0681, 44.3034, 41.7207

Monochromacy



Original Color

43.7388, 44.4958, 29.9502

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

42.5827, 44.5277, 41.0007

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7388, 44.4958, 29.9502 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(201, 174, 137)` looks like.

```
.text, #text, p{  
    color:rgb(201, 174, 137)  
}
```

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(201, 174, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 174, 137) }
```

Border

The CSS property to change the border of an element to XYZ 43.7388, 44.4958, 29.9502 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(201, 174, 137) }
```


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

```
.border{ border-color:rgb(201, 174, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 174, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 174, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 174, 137);  
box-shadow:4px 4px 4px 4px rgb(201, 174,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7388, 44.4958, 29.9502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 174, 137) }
```

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

```
.background{ background-color: rgb(201,  
174, 137) }
```

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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