

Converting Colors

XYZ(51.2897, 43.7749, 42.7919)

Have a look what the booklet for
XYZ(51.2897, 43.7749, 42.7919)
contains.

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Color

**XYZ(51.2897, 43.7749,
42.7919)**

Conversions

Conversions Part 1

Format	Color
Hex	E49EA8
RGB	228, 158, 168
RGB Percent	89%, 62%, 66%
CMY	0.1059, 0.3804, 0.3412
CMYK	0.00, 0.31, 0.26, 0.11
HSL	351°, 56%, 76%
HSV	351°, 31%, 89%
XYZ	51.2897, 43.7749, 42.7919
YIQ	180.0700, 38.5100, 17.9500

Conversions

Conversions Part 2

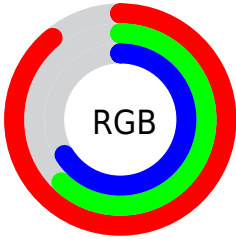
Format	Color
R _Y B	228, 158, 168
Decimal	14982824
CIE Lab	72.08, 27.42, 5.36
CIE LCh	72, 27.942, 11.061
Yxy	43.7749, 0.3721, 0.3175
Android (android.graphics.Color)	4293172904 (0xFFE49EA8)
YUV	180.0700, -5.9505, 42.0346
Hunter-Lab	66.1626, 22.5899, 7.9669

Details

The XYZ color **51.2897, 43.7749, 42.7919** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.5008, 67.8190, 76.5512**, and the grayscale version is **43.4375, 45.6997, 49.7669**.

A 20% lighter version of the original color is **78.3535, 74.1762, 79.9998**, and **25.1010, 20.2269, 19.1042** is the 20% darker color. If you saturate the color by 10%, you get **46.0693, 36.0321, 32.7337**, and if you desaturate by 10%, it is **57.5076, 53.0742, 54.5337**.

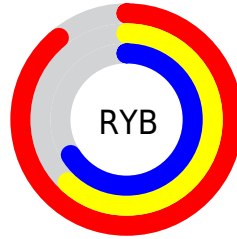
Distribution



Red (89%)

Green (62%)

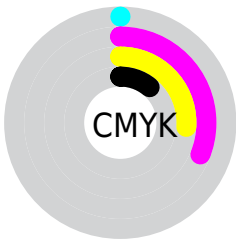
Blue (66%)



Red (89%)

Yellow (62%)

Blue (66%)

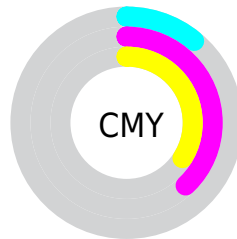


Cyan (0%)

Magenta (31%)

Yellow (26%)

Black (11%)



Cyan (11%)


Magenta (38%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.2897, 43.7749, 42.7919 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 51.2897, 43.7749, 42.7919 by changing the saturation by 10% instead.


 51.2897, 43.7749,
42.7919


 51.2897, 43.7749,
42.7919


382.0574,
361.7889, 373.6513

 36.6612, 30.4936,
29.3917


 91.2633, 80.8789,
80.6797

 25.1177, 20.2135,
19.1292


 117.3391,
105.4704, 106.0044

 16.2940, 12.5504,
11.5859


147.9614,
134.6007, 136.1410

 9.8246, 7.1197,
6.3433

183.4955,
168.6543, 171.5080

 5.3442, 3.5370,
2.9828

224.3068,
208.0155, 212.5240

 2.4874, 1.4181,
1.0858

270.7607,

 0.8889, 0.2300,

253.0688, 259.6075

0.0000

323.2224,
304.1984, 313.1771

■ 0.0000, 0.0000,
0.0000

■ 51.2897, 43.7749,
42.7919

■ 51.2897, 43.7749,
42.7919

■ 46.0693, 36.0321,
32.7337

■ 57.5076, 53.0742,
54.5337

■ 41.7907, 29.7548,
24.2791

■ 64.7678, 64.0021,
68.0289

■ 38.3982, 24.8521,
17.3453

■ 73.1166, 76.6337,
83.3464

■ 35.8287, 21.2205,
11.8413

■ 82.5963, 91.0376,
100.5507

■ 34.0103, 18.7416,
7.6657

■ 85.8051, 95.2341,
108.4673

■ 32.8587, 17.2747,
4.7040

■ 32.2634, 16.6014,
2.9105

Harmonies

Analogous

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



50.9150, 43.7749, 56.7228



51.2897, 43.7749, 42.7919



48.9251, 43.7749, 32.3860

Triad

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



51.2897, 43.7749, 42.7919



35.8594, 43.7749, 30.4504



38.6957, 43.7749, 77.1314

Complementary

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



51.2897, 43.7749, 42.7919



54.5008, 67.8190, 76.5512

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.



35.0571, 43.7749, 67.1183



51.2897, 43.7749, 42.7919



33.5082, 43.7749, 39.6240

Square

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



51.2897, 43.7749, 42.7919



39.8690, 43.7749, 26.2243



33.2263, 43.7749, 52.8913



43.3942, 43.7749, 78.4282

Rectangle

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



51.2897, 43.7749, 42.7919



46.2122, 43.7749, 28.1472



33.2263, 43.7749, 52.8913



37.3179, 43.7749, 74.5947

Sweetspot

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



51.2909, 43.7770, 42.7928



85.1534, 85.0185, 90.7675



54.9960, 44.8858, 79.1644



17.9074, 17.7159, 18.8399



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.



51.2909, 43.7770, 42.7928



61.5758, 49.6884, 46.4528



54.9985, 52.6256, 39.6094



14.4604, 14.4014, 15.3589



18.6558, 9.5966, 1.8167



1.4051, 0.7198, 0.2740

Inverse Universe

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



51.2909, 43.7770, 42.7928



61.5758, 49.6884, 46.4528



49.5801, 55.8207, 81.5605



14.4604, 14.4014, 15.3589



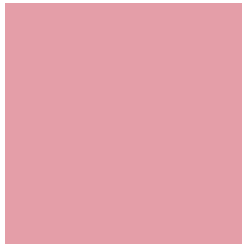
18.6558, 9.5966, 1.8167



1.4051, 0.7198, 0.2740

Previews

White Background



This preview shows how the XYZ color 51.2897, 43.7749, 42.7919 looks on a white background.

Color Contrast Check

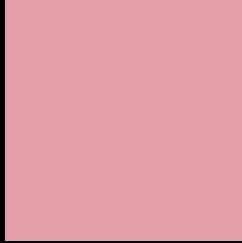
Large Text (above 18pt) WCAG AA × Fail

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 51.2897, 43.7749, 42.7919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

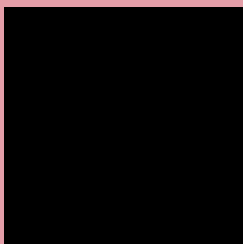
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.2897, 43.7749, 42.7919

Background



This preview shows how black text looks on a background with the XYZ color 51.2897, 43.7749, 42.7919.



This preview shows how white text looks on a background with the XYZ color 51.2897, 43.7749,

42.7919.

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

51.2897, 43.7749, 42.7919

Protanopia

42.3836, 43.9683, 48.3724

Deuteranopia

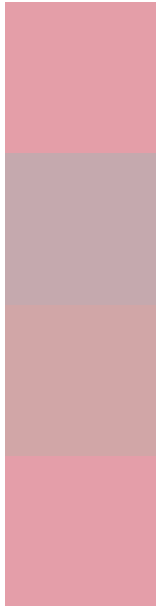
44.7345, 43.8848, 42.1892



Tritanopia

51.4775, 43.8500, 43.7809

Trichromacy



Original Color

51.2897, 43.7749, 42.7919

Protanomaly

44.8539, 43.3022, 46.0385

Deuteranomaly

46.9058, 43.6178, 42.5061

Tritanomaly

51.3832, 43.8123, 43.2845

Monochromacy



Original Color

51.2897, 43.7749, 42.7919

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

45.6150, 44.5100, 47.2614

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.2897, 43.7749, 42.7919 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(228, 158, 168)` looks like.

```
.text, #text, p{  
    color:rgb(228, 158, 168)  
}
```

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(228, 158, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 158, 168) }
```

Border

The CSS property to change the border of an element to XYZ 51.2897, 43.7749, 42.7919 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(228, 158, 168) }
```


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

```
.border{ border-color:rgb(228, 158, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 158, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 158, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 158, 168); box-shadow:4px 4px 4px 4px rgb(228, 158, 168) }
```

Background

The CSS property to change the background color of an element to XYZ 51.2897, 43.7749, 42.7919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 158, 168) }
```

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

```
.background{ background-color: rgb(228,  
158, 168) }
```

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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