

Converting Colors

XYZ(43.7493, 39.1927, 28.7689)

Have a look what the booklet for
XYZ(43.7493, 39.1927, 28.7689)
contains.

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Color

**XYZ(43.8025, 39.2135,
28.9272)**

Conversions

Conversions Part 1

Format	Color
Hex	D69A89
RGB	214, 154, 137
RGB Percent	84%, 60%, 54%
CMY	0.1608, 0.3961, 0.4627
CMYK	0.00, 0.28, 0.36, 0.16
HSL	13°, 48%, 69%
HSV	13°, 36%, 84%
XYZ	43.8025, 39.2135, 28.9272
YIQ	170.0020, 41.2170, 7.4330

Conversions

Conversions Part 2

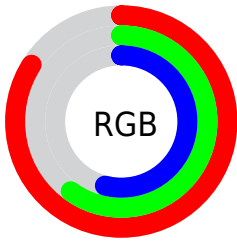
Format	Color
R _Y B	214, 159, 137
Decimal	14064265
CIE Lab	68.91, 20.24, 17.82
CIE LCh	69, 26.963, 41.361
Yxy	39.2135, 0.3913, 0.3503
Android (android.graphics.Color)	4292254345 (0xFFD69A89)
YUV	170.0020, -16.2700, 38.5862
Hunter-Lab	62.6207, 15.2726, 16.4459

Details

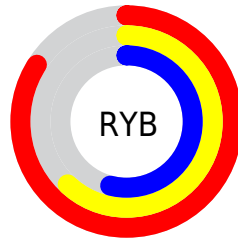
The XYZ color **43.8025, 39.2135, 28.9272** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.4195, 50.1040, 71.0536**, and the grayscale version is **38.2745, 40.2678, 43.8516**.

A 20% lighter version of the original color is **73.3347, 70.5786, 58.4731**, and **20.4752, 17.5567, 11.3264** is the 20% darker color. If you saturate the color by 10%, you get **39.8536, 33.5336, 20.7737**, and if you desaturate by 10%, it is **48.4402, 45.7835, 38.8131**.

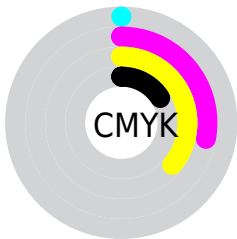
Distribution



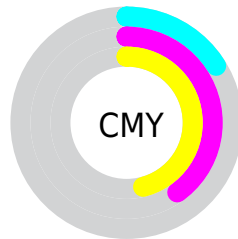
- Red (84%)
- Green (60%)
- Blue (54%)



- Red (84%)
- Yellow (62%)
- Blue (54%)



- Cyan (0%)
- Magenta (28%)
- Yellow (36%)
- Black (16%)





- Cyan (16%)
- Magenta (40%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.8025, 39.2135, 28.9272 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 43.8025, 39.2135, 28.9272 by changing the saturation by 10% instead.


 43.8025, 39.2135,
28.9272


 43.8025, 39.2135,
28.9272


352.7676,
342.7973, 310.9215


 30.7125, 26.9259,
18.7807


 80.1687, 73.9644,
59.0022

 20.5308, 17.5175,
11.3367


 104.1755, 97.1964,
79.7677

 12.8920, 10.6042,
6.1768

 132.5521,
124.8453, 104.9100

 7.4307, 5.8013,
2.8823

165.6637,
157.2955, 134.8476

 3.7816, 2.7247,
1.0349

203.8757,
194.9314, 169.9990

 1.5793, 0.9897,
0.0000

247.5534,

 0.3789, 0.0000,

238.1374, 210.7827

0.0000

297.0623,
287.2980, 257.6174

■ 0.0000, 0.0000,
0.0000

■ 43.8025, 39.2135,
28.9272

■ 43.8025, 39.2135,
28.9272

■ 39.8536, 33.5336,
20.7737

■ 48.4402, 45.7835,
38.8131

■ 36.5568, 28.6996,
14.2499

■ 53.7950, 53.2742,
50.5215

■ 33.8762, 24.6719,
9.2455

■ 59.8973, 61.7215,
64.1390

■ 31.7713, 21.4053,
5.6357

■ 66.7749, 71.1579,
79.7459

■ 30.1960, 18.8501,
3.2753

■ 74.4539, 81.6140,
97.4178

■ 29.0960, 16.9497,
1.9851

■ 81.2391, 92.4313,
108.1670

■ 28.7585, 16.3500,
1.6401

■ 81.5415, 93.0361,
108.2678

Harmonies

Analogous

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



45.9452, 39.2135, 38.2158



43.8025, 39.2135, 28.9272



39.9666, 39.2135, 24.0161

Triad

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



43.8025, 39.2135, 28.9272



29.9977, 39.2135, 35.5917



38.9177, 39.2135, 70.2556

Complementary

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



43.8025, 39.2135, 28.9272



42.4195, 50.1040, 71.0536

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.



34.6999, 39.2135, 69.1808



43.8025, 39.2135, 28.9272



29.7641, 39.2135, 47.5151

Square

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



43.8025, 39.2135, 28.9272



32.0883, 39.2135, 27.3243



31.4238, 39.2135, 60.2615



42.9842, 39.2135, 62.9654

Rectangle

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



43.8025, 39.2135, 28.9272



37.0759, 39.2135, 23.1872



31.4238, 39.2135, 60.2615



37.4673, 39.2135, 70.8925

Sweetspot

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



43.8035, 39.2154, 28.9280



84.2781, 85.1630, 84.6330



46.7918, 36.2336, 57.5415



17.7757, 17.8637, 17.5284



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.



43.8035, 39.2154, 28.9280



60.6712, 51.9018, 33.7501



51.1370, 53.8823, 31.3725



12.6434, 12.8611, 12.9768



17.4465, 10.0102, 1.0126



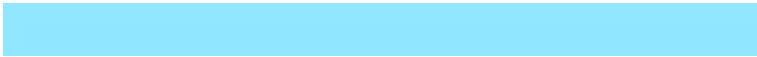
1.1149, 0.7290, 0.0820

Inverse Universe

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



42.4195, 50.1040, 71.0536



58.3046, 70.3030, 105.1046



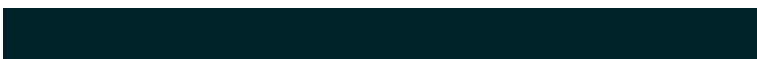
34.8211, 34.9071, 68.5208



12.5487, 13.6209, 15.9052



15.7403, 19.7423, 41.4342



1.0082, 1.3083, 2.5187

Previews

White Background



This preview shows how the XYZ color 43.8025, 39.2135, 28.9272 looks on a white background.

Color Contrast Check

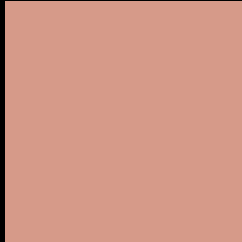
Large Text (above 18pt) WCAG AA × Fail

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 43.8025, 39.2135, 28.9272 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

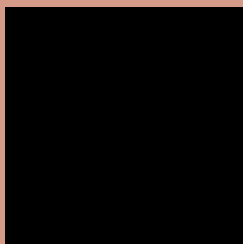
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.8025, 39.2135, 28.9272

Background



This preview shows how black text looks on a background with the XYZ color 43.8025, 39.2135, 28.9272.



This preview shows how white text looks on a background with the XYZ color 43.8025, 39.2135,

28.9272.

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

43.8025, 39.2135, 28.9272

Protanopia

37.1681, 39.3660, 32.0250

Deuteranopia

40.1292, 39.3540, 28.7736



Tritanopia

45.7468, 39.0203, 39.3030

Trichromacy



Original Color

43.8025, 39.2135, 28.9272

Protanomaly

39.1401, 39.0646, 30.6766

Deuteranomaly

41.4707, 39.2704, 28.6867

Tritanomaly

44.8407, 38.8802, 35.2783

Monochromacy



Original Color

43.8025, 39.2135, 28.9272

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

39.6967, 39.4586, 37.8718

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8025, 39.2135, 28.9272 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(214, 154, 137)` looks like.

```
.text, #text, p{  
    color:rgb(214, 154, 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(214, 154, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 154, 137) }
```

Border

The CSS property to change the border of an element to XYZ 43.8025, 39.2135, 28.9272 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(214, 154, 137) }
```


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

```
.border{ border-color:rgb(214, 154, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 154, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 154, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 154, 137);  
box-shadow:4px 4px 4px 4px rgb(214, 154,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8025, 39.2135, 28.9272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 154, 137) }
```

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

```
.background{ background-color: rgb(214,  
154, 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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