

Converting Colors

XYZ(45.3472, 39.3471, 28.5286)

Have a look what the booklet for
XYZ(45.3472, 39.3471, 28.5286)
contains.

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Color

**XYZ(45.3293, 39.2829,
28.4858)**

Conversions

Conversions Part 1

Format	Color
Hex	DD9788
RGB	221, 151, 136
RGB Percent	87%, 59%, 53%
CMY	0.1333, 0.4078, 0.4667
CMYK	0.00, 0.32, 0.38, 0.13
HSL	11°, 56%, 70%
HSV	11°, 38%, 87%
XYZ	45.3293, 39.2829, 28.4858
YIQ	170.2200, 46.5350, 10.1750

Conversions

Conversions Part 2

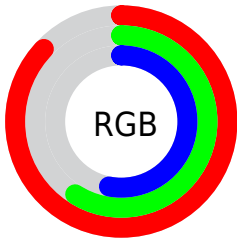
Format	Color
R_{YB}	221, 154, 136
Decimal	14522248
CIE _{Lab}	68.96, 24.46, 18.56
CIE _{LCh}	69, 30.703, 37.195
Yxy	39.2829, 0.4008, 0.3473
Android (android.graphics.Color)	4292712328 (0xFFDD9788)
YUV	170.2200, -16.8705, 44.5341
Hunter-Lab	62.6761, 19.4137, 16.9264

Details

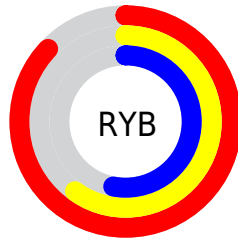
The XYZ color **45.3293, 39.2829, 28.4858** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.2749, 54.5952, 76.5582**, and the grayscale version is **38.3844, 40.3833, 43.9775**.

A 20% lighter version of the original color is **72.4966, 69.0767, 57.6563**, and **21.4514, 17.4881, 11.0490** is the 20% darker color. If you saturate the color by 10%, you get **41.2115, 33.3070, 20.1469**, and if you desaturate by 10%, it is **50.2251, 46.2963, 38.6824**.

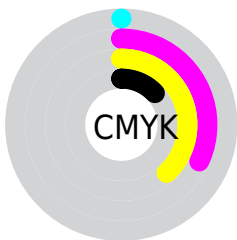
Distribution



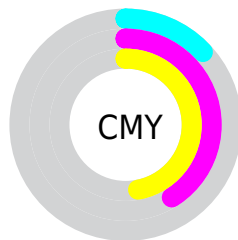
- Red (87%)
- Green (59%)
- Blue (53%)



- Red (87%)
- Yellow (60%)
- Blue (53%)



- Cyan (0%)
- Magenta (32%)
- Yellow (38%)
- Black (13%)





- Cyan (13%)
- Magenta (41%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.3293, 39.2829, 28.4858 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 45.3293, 39.2829, 28.4858 by changing the saturation by 10% instead.


 45.3293, 39.2829,
28.4858


 45.3293, 39.2829,
28.4858


358.8669,
343.0918, 308.7657


 31.9193, 26.9799,
18.4500


 82.4484, 74.0703,
58.2915

 21.4551, 17.5581,
11.1007


 106.8881, 97.3235,
78.8985

 13.5714, 10.6332,
6.0196


 135.7351,
124.9955, 103.8662

 7.9029, 5.8208,
2.7880

169.3548,
157.4707, 133.6133

 4.0842, 2.7364,
0.9874

208.1124,
195.1335, 168.5582

 1.7499, 0.9957,
0.0000

252.3734,

 0.4872, 0.0000,

238.3684, 209.1196

0.0000

302.5031,
287.5597, 255.7159

0.0000, 0.0000,
0.0000

45.3293, 39.2829,
28.4858

45.3293, 39.2829,
28.4858

41.2115, 33.3070,
20.1469

50.2251, 46.2963,
38.6824

37.8280, 28.3137,
13.5511

55.9335, 54.3876,
50.8374

35.1352, 24.2512,
8.5742

62.4908, 63.6019,
65.0471

33.0834, 21.0610,
5.0749

69.9299, 73.9800,
81.4005

31.6162, 18.6775,
2.8871

78.2824, 85.5608,
99.9816

■ 30.6587, 17.0223,
1.7674

■ 83.6288, 94.1121,
108.3655

■ 30.5447, 16.8240,
1.6375

Harmonies

Analogous

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



47.4515, 39.2829, 39.4914



45.3293, 39.2829, 28.4858



41.0970, 39.2829, 22.4603

Triad

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



45.3293, 39.2829, 28.4858



29.3316, 39.2829, 33.1712



38.5258, 39.2829, 75.3920

Complementary

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



45.3293, 39.2829, 28.4858



45.2749, 54.5952, 76.5582

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.



33.8140, 39.2829, 72.6665



45.3293, 39.2829, 28.4858



28.7731, 39.2829, 46.2303

Square

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



45.3293, 39.2829, 28.4858



31.9426, 39.2829, 24.7250



30.3445, 39.2829, 61.1798



43.3074, 39.2829, 67.9749

Rectangle

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



45.3293, 39.2829, 28.4858



37.7987, 39.2829, 21.1395



30.3445, 39.2829, 61.1798



36.8795, 39.2829, 75.6543

Sweetspot

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



45.3303, 39.2848, 28.4866



82.9905, 83.1469, 82.4806



49.8652, 37.4777, 63.5305



17.5055, 17.4346, 17.0947



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.



45.3303, 39.2848, 28.4866



58.1021, 47.6789, 30.0717



53.2592, 55.1426, 31.1295



13.2410, 13.4213, 13.6183



17.8020, 9.8896, 0.9706



1.2102, 0.7544, 0.0818

Inverse Universe

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



45.2749, 54.5952, 76.5582



57.9881, 71.6106, 105.3737



36.5400, 37.1255, 73.6466



13.2392, 14.4181, 16.7373



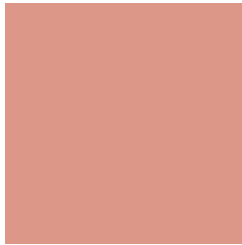
17.3726, 22.6147, 43.1878



1.1778, 1.5698, 2.8154

Previews

White Background



This preview shows how the XYZ color 45.3293, 39.2829, 28.4858 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 45.3293, 39.2829, 28.4858 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

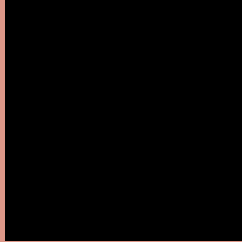
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.3293, 39.2829, 28.4858

Background



This preview shows how black text looks on a background with the XYZ color 45.3293, 39.2829, 28.4858.



This preview shows how white text looks on a background with the XYZ color 45.3293, 39.2829,

28.4858.

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

45.3293, 39.2829, 28.4858

Protanopia

37.1681, 39.3660, 32.0250

Deuteranopia

40.2494, 39.4322, 28.0441



Tritanopia

47.2793, 39.3710, 37.9084

Trichromacy



Original Color

45.3293, 39.2829, 28.4858

Protanomaly

39.7204, 39.1012, 30.6531

Deuteranomaly

42.0536, 39.3248, 28.2956

Tritanomaly

46.4576, 39.2589, 34.4073

Monochromacy



Original Color

45.3293, 39.2829, 28.4858

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

40.2550, 39.4818, 37.8468

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.3293, 39.2829, 28.4858 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(221, 151, 136)` looks like.

```
.text, #text, p{  
    color:rgb(221, 151, 136)  
}
```

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(221, 151, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 151, 136) }
```

Border

The CSS property to change the border of an element to XYZ 45.3293, 39.2829, 28.4858 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(221, 151, 136) }
```


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

```
.border{ border-color:rgb(221, 151, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 151, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 151, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 151, 136);  
box-shadow:4px 4px 4px 4px rgb(221, 151,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 45.3293, 39.2829, 28.4858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 151, 136) }
```

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

```
.background{ background-color: rgb(221,  
151, 136) }
```

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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