

Converting Colors

XYZ(43.6147, 40.1241, 29.4174)

Have a look what the booklet for
XYZ(43.6147, 40.1241, 29.4174)
contains.

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Color

**XYZ(43.6783, 40.1376,
29.4900)**

Conversions

Conversions Part 1

Format	Color
Hex	D39E8A
RGB	211, 158, 138
RGB Percent	83%, 62%, 54%
CMY	0.1725, 0.3804, 0.4588
CMYK	0.00, 0.25, 0.35, 0.17
HSL	16°, 45%, 68%
HSV	16°, 35%, 83%
XYZ	43.6783, 40.1376, 29.4900
YIQ	171.5670, 38.0080, 5.0160

Conversions

Conversions Part 2

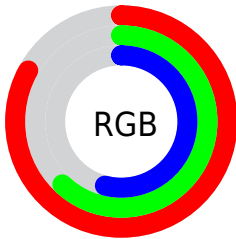
Format	Color
R _Y B	211, 166, 138
Decimal	13868682
CIE Lab	69.57, 17.02, 18.13
CIE LCh	70, 24.867, 46.809
Yxy	40.1376, 0.3855, 0.3542
Android (android.graphics.Color)	4292058762 (0xFFD39E8A)
YUV	171.5670, -16.5485, 34.5827
Hunter-Lab	63.3542, 12.1933, 16.7498

Details

The XYZ color **43.6783, 40.1376, 29.4900** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.8693, 47.3664, 68.6167**, and the grayscale version is **39.0623, 41.0966, 44.7542**.

A 20% lighter version of the original color is **74.4382, 72.6101, 59.3820**, and **20.4331, 17.9812, 11.6263** is the 20% darker color. If you saturate the color by 10%, you get **39.8447, 34.6822, 21.3935**, and if you desaturate by 10%, it is **48.1365, 46.3669, 39.2597**.

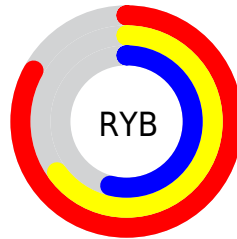
Distribution



Red (83%)

Green (62%)

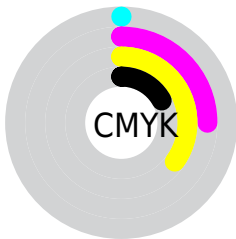
Blue (54%)



Red (83%)

Yellow (65%)

Blue (54%)

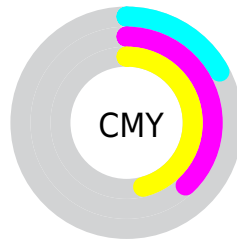


Cyan (0%)

Magenta (25%)

Yellow (35%)

Black (17%)



Cyan (17%)


Magenta (38%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.6783, 40.1376, 29.4900 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 43.6783, 40.1376, 29.4900 by changing the saturation by 10% instead.


 43.6783, 40.1376,
29.4900


 43.6783, 40.1376,
29.4900


352.2683,
346.7032, 313.6529


 30.6145, 27.6458,
19.2030


 79.9828, 75.3730,
59.9061

 20.4559, 18.0589,
11.6388

 103.9542, 98.8854,
80.8724

 12.8370, 10.9923,
6.3787

 132.2922,
126.8402, 106.2355

 7.3926, 6.0616,
3.0042

165.3621,
159.6217, 136.4141

 3.7574, 2.8826,
1.0968

203.5293,
197.6144, 171.8265

 1.5658, 1.0707,
0.0000

247.1592,

 0.3700, 0.0000,

241.2026, 212.8915

0.0000

296.6171,
290.7707, 260.0274

■ 0.0000, 0.0000,
0.0000

■ 43.6783, 40.1376,
29.4900

■ 43.6783, 40.1376,
29.4900

■ 39.8447, 34.6822,
21.3935

■ 48.1365, 46.3669,
39.2597

■ 36.6034, 29.9642,
14.8729

■ 53.2433, 53.3934,
50.7874

■ 33.9237, 25.9526,
9.8245

■ 59.0253, 61.2465,
64.1552

■ 31.7707, 22.6118,
6.1311

■ 65.5066, 69.9521,
79.4392

■ 30.1050, 19.9028,
3.6574

■ 72.7100, 79.5353,
96.7112

■ 28.8807, 17.7819,
2.2390

■ 79.0725, 89.3860,
107.6934

■ 28.3681, 16.8570,
1.7586

■ 80.6740, 92.5889,
108.2272

Harmonies

Analogous

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



46.0232, 40.1376, 37.6187



43.6783, 40.1376, 29.4900



39.9376, 40.1376, 25.5249

Triad

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



43.6783, 40.1376, 29.4900



31.1192, 40.1376, 38.8517



40.4248, 40.1376, 68.4547

Complementary

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



43.6783, 40.1376, 29.4900



40.8693, 47.3664, 68.6167

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.



36.4157, 40.1376, 68.9430



43.6783, 40.1376, 29.4900



31.2295, 40.1376, 50.4103

Square

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



43.6783, 40.1376, 29.4900



32.7958, 40.1376, 30.2557



33.1083, 40.1376, 61.8760



44.0565, 40.1376, 60.6401

Rectangle

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



43.6783, 40.1376, 29.4900



37.2420, 40.1376, 25.2276



33.1083, 40.1376, 61.8760



39.0718, 40.1376, 69.5235

Sweetspot

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



43.6793, 40.1395, 29.4908



85.5889, 87.2173, 86.8189



45.4155, 35.8114, 54.1174



18.0536, 18.3063, 17.9696



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.



43.6793, 40.1395, 29.4908



62.3487, 54.9377, 35.2934



50.7360, 54.2528, 31.8430



12.0686, 12.3279, 12.3555



17.1941, 10.3212, 1.0860



1.0282, 0.7108, 0.0830

Inverse Universe

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



40.8693, 47.3664, 68.6167



57.3462, 67.7097, 104.6546



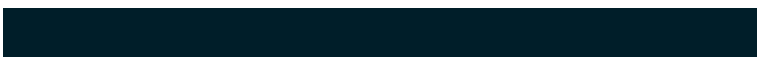
33.9664, 33.5607, 66.3157



11.8730, 12.8363, 15.0955



14.0775, 16.8017, 39.6936



0.8515, 1.0681, 2.2409

Previews

White Background



This preview shows how the XYZ color 43.6783, 40.1376, 29.4900 looks on a white background.

Color Contrast Check

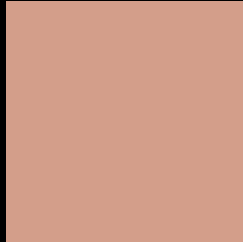
Large Text (above 18pt) WCAG AA × Fail

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 43.6783, 40.1376, 29.4900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

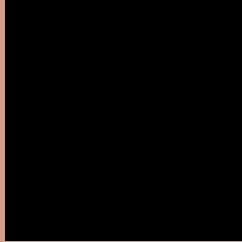
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.6783, 40.1376, 29.4900

Background



This preview shows how black text looks on a background with the XYZ color 43.6783, 40.1376, 29.4900.



This preview shows how white text looks on a background with the XYZ color 43.6783, 40.1376,

29.4900.

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

43.6783, 40.1376, 29.4900

Protanopia

37.9992, 40.3468, 32.1705

Deuteranopia

41.0795, 40.3628, 29.2926



Tritanopia

46.1701, 40.1605, 41.3947

Trichromacy



Original Color

43.6783, 40.1376, 29.4900

Protanomaly

40.0046, 40.3018, 31.2617

Deuteranomaly

42.0643, 40.3433, 29.2369

Tritanomaly

45.1627, 39.9891, 36.7908

Monochromacy



Original Color

43.6783, 40.1376, 29.4900

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

40.4136, 40.6146, 38.9671

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6783, 40.1376, 29.4900 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(211, 158, 138)` looks like.

```
.text, #text, p{  
    color:rgb(211, 158, 138)  
}
```

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(211, 158, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 158, 138) }
```

Border

The CSS property to change the border of an element to XYZ 43.6783, 40.1376, 29.4900 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(211, 158, 138) }
```


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

```
.border{ border-color:rgb(211, 158, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 158, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 158, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 158, 138);  
box-shadow:4px 4px 4px 4px rgb(211, 158,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6783, 40.1376, 29.4900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 158, 138) }
```

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

```
.background{ background-color: rgb(211,  
158, 138) }
```

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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