

Converting Colors

XYZ(43.8333, 42.6813, 26.5886)

Have a look what the booklet for
XYZ(43.8333, 42.6813, 26.5886)
contains.

XYZ(43.7936, 42.6323, 26.6896)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(43.7936, 42.6323,
26.6896)**

Conversions

Conversions Part 1

Format	Color
Hex	D0A781
RGB	208, 167, 129
RGB Percent	82%, 65%, 51%
CMY	0.1843, 0.3451, 0.4941
CMYK	0.00, 0.20, 0.38, 0.18
HSL	29°, 46%, 66%
HSV	29°, 38%, 82%
XYZ	43.7936, 42.6323, 26.6896
YIQ	174.9270, 36.6340, -3.1260

Conversions

Conversions Part 2

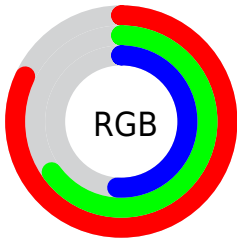
Format	Color
RYB	208, 202, 129
Decimal	13674369
CIELab	71.30, 9.87, 25.36
CIELCh	71, 27.211, 68.732
Yxy	42.6323, 0.3872, 0.3769
Android (android.graphics.Color)	4291864449 (0xFFD0A781)
YUV	174.9270, -22.6420, 29.0050
Hunter-Lab	65.2934, 5.4600, 21.4698

Details

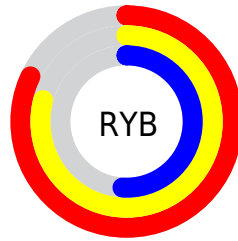
The XYZ color **43.7936, 42.6323, 26.6896** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **34.8127, 37.9694, 65.1685**, and the grayscale version is **40.8109, 42.9362, 46.7575**.

A 20% lighter version of the original color is **75.8048, 76.8800, 55.0999**, and **20.4909, 19.5014, 10.0813** is the 20% darker color. If you saturate the color by 10%, you get **40.6540, 38.3449, 19.5023**, and if you desaturate by 10%, it is **47.3819, 47.3664, 35.4158**.

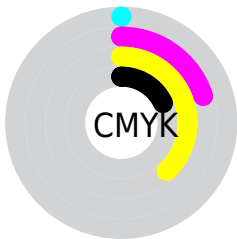
Distribution



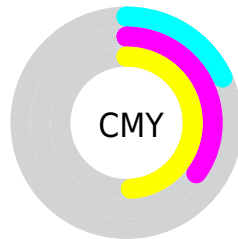
- Red (82%)
- Green (65%)
- Blue (51%)



- Red (82%)
- Yellow (79%)
- Blue (51%)



- Cyan (0%)
- Magenta (20%)
- Yellow (38%)
- Black (18%)





- Cyan (18%)
- Magenta (35%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.7936, 42.6323, 26.6896 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 43.7936, 42.6323, 26.6896 by changing the saturation by 10% instead.


 43.7936, 42.6323,
26.6896


 43.7936, 42.6323,
26.6896


352.7318,
357.0974, 299.8635


 30.7055, 29.5967,
17.1099


 80.1553, 79.1557,
55.3830

 20.5254, 19.5327,
10.1501


 104.1597,
103.4123, 75.3338

 12.8880, 12.0558,
5.3917


 132.5335,
132.1780, 99.5787

 7.4279, 6.7817,
2.4161

165.6421,
165.8373, 128.5362

 3.7798, 3.3260,
0.7952

203.8509,
204.7744, 162.6249

 1.5784, 1.3042,
0.0000

247.5252,

 0.3782, 0.1444,

249.3739, 202.2634

0.0000

297.0304,
300.0201, 247.8701

■ 0.0000, 0.0000,
0.0000

■ 43.7936, 42.6323,
26.6896

■ 43.7936, 42.6323,
26.6896

■ 40.6540, 38.3449,
19.5023

■ 47.3819, 47.3664,
35.4158

■ 37.9386, 34.4833,
13.7595

■ 51.4353, 52.5553,
45.7625

■ 35.6252, 31.0336,
9.3602


■ 55.9732, 58.2142,
57.8086

■ 33.6881, 27.9784,
6.1891


■ 61.0127, 64.3559,
71.6270


■ 32.0971, 25.2985,
4.1112


■ 66.5703, 70.9924,
87.2863


 30.8107, 22.9696,
2.9303

 72.6614, 78.1356,
104.8515

 30.5756, 22.5362,
2.7384

 75.9820, 84.4690,
106.9072

 79.3000, 91.1051,
108.0132

 79.8224, 92.1499,
108.1874

Harmonies

Analogous

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



47.7719, 42.6323, 32.3826



43.7936, 42.6323, 26.6896



39.2009, 42.6323, 25.7178

Triad

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



43.7936, 42.6323, 26.6896



32.4386, 42.6323, 50.3469



46.2731, 42.6323, 68.9571

Complementary

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



43.7936, 42.6323, 26.6896



34.8127, 37.9694, 65.1685

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.



41.8699, 42.6323, 76.0130



43.7936, 42.6323, 26.6896



34.0431, 42.6323, 64.0191

Square

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



43.7936, 42.6323, 26.6896



32.8688, 42.6323, 37.8734



37.4151, 42.6323, 74.0534



49.2767, 42.6323, 56.1629

Rectangle

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



43.7936, 42.6323, 26.6896



36.4404, 42.6323, 27.6587



37.4151, 42.6323, 74.0534



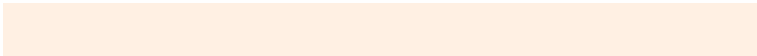
44.8949, 42.6323, 72.1786

Sweetspot

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



43.7947, 42.6343, 26.6905



86.3892, 89.3852, 85.3367



41.2264, 32.0562, 42.6097



18.2769, 18.8661, 17.6955



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.



43.7947, 42.6343, 26.6905



65.1263, 61.7275, 32.4131



51.8941, 58.8332, 29.3903



12.2713, 12.7332, 12.4230



19.1521, 14.2373, 1.7386



1.1501, 0.9546, 0.1236

Inverse Universe

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



34.8127, 37.9694, 65.1685



48.8064, 53.2472, 102.3131



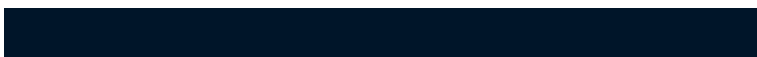
28.6405, 25.6250, 63.1111



11.6639, 12.4180, 15.0258



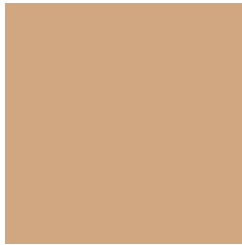
10.5313, 9.7093, 38.5115



0.6681, 0.7014, 2.1797

Previews

White Background



This preview shows how the XYZ color 43.7936, 42.6323, 26.6896 looks on a white background.

Color Contrast Check

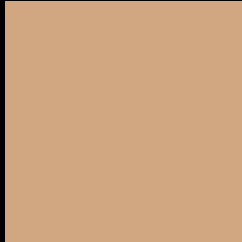
Large Text (above 18pt) WCAG AA × Fail

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 43.7936, 42.6323, 26.6896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

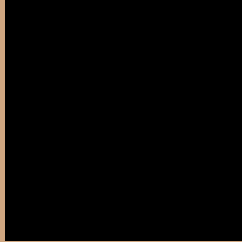
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.7936, 42.6323, 26.6896

Background



This preview shows how black text looks on a background with the XYZ color 43.7936, 42.6323, 26.6896.



This preview shows how white text looks on a background with the XYZ color 43.7936, 42.6323,

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

43.7936, 42.6323, 26.6896

Protanopia

39.9883, 42.8907, 28.0009

Deuteranopia

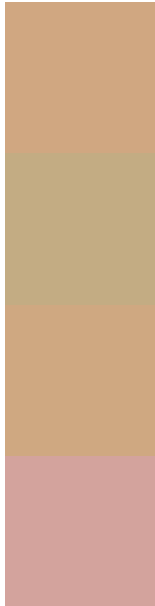
43.6972, 42.8556, 26.7378



Tritanopia

47.7283, 42.6530, 45.2525

Trichromacy



Original Color

43.7936, 42.6323, 26.6896

Protanomaly

41.3549, 42.7458, 27.5439

Deuteranomaly

43.6972, 42.8556, 26.7378

Tritanomaly

46.0470, 42.4776, 37.6703

Monochromacy



Original Color

43.7936, 42.6323, 26.6896

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.4176, 42.5385, 38.3756

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7936, 42.6323, 26.6896 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(208, 167, 129)` looks like.

```
.text, #text, p{  
    color:rgb(208, 167, 129)  
}
```

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(208, 167, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 167, 129) }
```

Border

The CSS property to change the border of an element to XYZ 43.7936, 42.6323, 26.6896 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(208, 167, 129) }
```


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

```
.border{ border-color:rgb(208, 167, 129) }
```

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

Here you see how a box with a 4 pixel rgb(208, 167, 129) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 167, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 167, 129);  
box-shadow:4px 4px 4px 4px rgb(208, 167,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7936, 42.6323, 26.6896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 167, 129) }
```

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

```
.background{ background-color: rgb(208,  
167, 129) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor