

Converting Colors

XYZ(42.9896, 41.4415, 25.1352)

Have a look what the booklet for
XYZ(42.9896, 41.4415, 25.1352)
contains.

XYZ(42.9896, 41.4415, 25.1352)	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(42.9896, 41.4415,
25.1352)**

Conversions

Conversions Part 1

Format	Color
Hex	D0A47D
RGB	208, 164, 125
RGB Percent	82%, 64%, 49%
CMY	0.1843, 0.3568, 0.5098
CMYK	0.00, 0.21, 0.40, 0.18
HSL	28°, 47%, 65%
HSV	28°, 40%, 82%
XYZ	42.9896, 41.4415, 25.1352
YIQ	172.7100, 38.7430, -2.8010

Conversions

Conversions Part 2

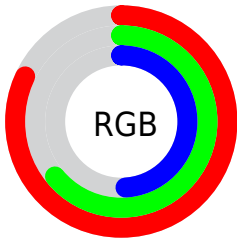
Format	Color
RYB	208, 199, 125
Decimal	13673597
CIELab	70.48, 11.03, 26.42
CIELCh	70, 28.632, 67.343
Yxy	41.4415, 0.3924, 0.3782
Android (android.graphics.Color)	4291863677 (0xFFD0A47D)
YUV	172.7100, -23.5210, 30.9493
Hunter-Lab	64.3751, 6.5457, 21.9128

Details

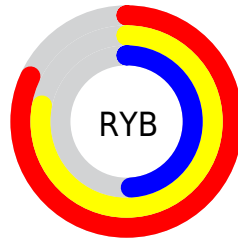
The XYZ color **42.9896, 41.4415, 25.1352** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **34.0301, 37.2887, 65.0785**, and the grayscale version is **39.6758, 41.7421, 45.4571**.

A 20% lighter version of the original color is **74.6074, 75.1374, 52.6902**, and **20.0476, 18.7855, 9.4068** is the 20% darker color. If you saturate the color by 10%, you get **39.9094, 37.1894, 18.2252**, and if you desaturate by 10%, it is **46.5213, 46.1510, 33.5693**.

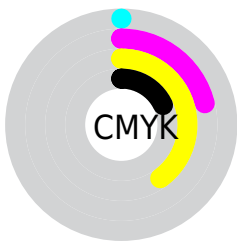
Distribution



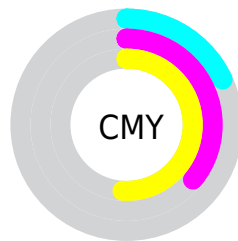
- Red (82%)
- Green (64%)
- Blue (49%)



- Red (82%)
- Yellow (78%)
- Blue (49%)



- Cyan (0%)
- Magenta (21%)
- Yellow (40%)
- Black (18%)





- Cyan (18%)
- Magenta (36%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.9896, 41.4415, 25.1352 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 42.9896, 41.4415, 25.1352 by changing the saturation by 10% instead.


 42.9896, 41.4415,
25.1352

 42.9896, 41.4415,
25.1352


349.4912,
352.1625, 291.9798

 30.0714, 28.6642,
15.9579


 78.9510, 77.3537,
52.8433

 20.0412, 18.8270,
9.3403


 102.7249,
101.2573, 72.2112

 12.5334, 11.5453,
4.8640

 130.8481,
129.6386, 95.8130

 7.1828, 6.4349,
2.1103

163.6860,
162.8818, 124.0672

 3.6240, 3.1113,
0.6219

201.6039,
201.3714, 157.3925

 1.4917, 1.1901,
0.0000

244.9672,

 0.3202, 0.0536,

245.4918, 196.2073

0.0000

294.1412,
295.6274, 240.9302

■ 0.0000, 0.0000,
0.0000

■ 42.9896, 41.4415,
25.1352

■ 42.9896, 41.4415,
25.1352

■ 39.9094, 37.1894,
18.2252

■ 46.5213, 46.1510,
33.5693

■ 37.2556, 33.3732,
12.7432

■ 50.5214, 51.3267,
43.6106

■ 35.0054, 29.9780,
8.5858

■ 55.0099, 56.9845,
55.3391

■ 33.1318, 26.9855,
5.6344

■ 60.0044, 63.1378,
68.8288

■ 31.6035, 24.3754,
3.7488

■ 65.5216, 69.7992,
84.1490

■ 30.3675, 22.1183,
2.6745

■ 71.5773, 76.9810,
101.3656

■ 30.3565, 22.0979,
2.6654

■ 75.5719, 83.6489,
106.7705

■ 78.9383, 90.3816,
107.8927

■ 79.8225, 92.1499,
108.1874

Harmonies

Analogous

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



47.0541, 41.4415, 31.1211



42.9896, 41.4415, 25.1352



38.2403, 41.4415, 23.9409

Triad

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



42.9896, 41.4415, 25.1352



31.0557, 41.4415, 48.5269



45.1547, 41.4415, 69.1029

Complementary

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



42.9896, 41.4415, 25.1352



34.0301, 37.2887, 65.0785

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.



40.5603, 41.4415, 76.1237



42.9896, 41.4415, 25.1352



32.6049, 41.4415, 62.7973

Square

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



42.9896, 41.4415, 25.1352



31.5930, 41.4415, 35.8322



35.9951, 41.4415, 73.6111



48.3721, 41.4415, 55.8946

Rectangle

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



42.9896, 41.4415, 25.1352



35.3655, 41.4415, 25.7481



35.9951, 41.4415, 73.6111



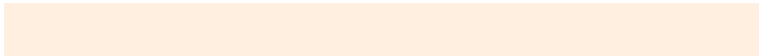
43.7064, 41.4415, 72.3736

Sweetspot

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



42.9906, 41.4435, 25.1360



85.5510, 88.2678, 83.3341



40.5328, 30.9521, 41.5059



18.1055, 18.6346, 17.2947



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.



42.9906, 41.4435, 25.1360



63.8855, 59.8213, 30.2252



51.6015, 58.6651, 28.0063



12.2602, 12.7112, 12.4194



19.0149, 13.9628, 1.6929



1.1423, 0.9389, 0.1210

Inverse Universe

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



34.0301, 37.2887, 65.0785



47.7353, 52.3249, 102.1915



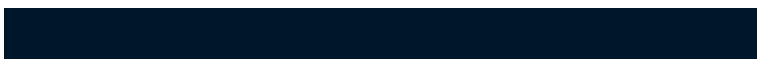
27.5318, 24.2920, 62.9124



11.6750, 12.4402, 15.0295



10.6858, 10.0181, 38.5630



0.6766, 0.7184, 2.1826

Previews

White Background



This preview shows how the XYZ color 42.9896, 41.4415, 25.1352 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 42.9896, 41.4415, 25.1352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

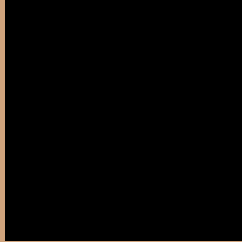
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.9896, 41.4415, 25.1352

Background



This preview shows how black text looks on a background with the XYZ color 42.9896, 41.4415, 25.1352.



This preview shows how white text looks on a background with the XYZ color 42.9896, 41.4415,

25.1352.

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

42.9896, 41.4415, 25.1352

Protanopia

38.7226, 41.4043, 26.7198

Deuteranopia

42.3336, 41.3701, 25.1560



Tritanopia

46.6339, 41.3530, 43.5543

Trichromacy



Original Color

42.9896, 41.4415, 25.1352

Protanomaly

40.0766, 41.2719, 26.2761

Deuteranomaly

42.6104, 41.5127, 25.1690

Tritanomaly

45.2675, 41.3236, 36.1622

Monochromacy



Original Color

42.9896, 41.4415, 25.1352

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

40.6252, 41.5889, 37.3388

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.9896, 41.4415, 25.1352 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, 164, 125)` looks like.

```
.text, #text, p{  
    color:rgb(208, 164, 125)  
}
```

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, 164, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 164, 125) }
```

Border

The CSS property to change the border of an element to XYZ 42.9896, 41.4415, 25.1352 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, 164, 125) }
```


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

```
.border{ border-color:rgb(208, 164, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 164, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 164, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 164, 125);  
box-shadow:4px 4px 4px 4px rgb(208, 164,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 42.9896, 41.4415, 25.1352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 164, 125) }
```

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

```
.background{ background-color: rgb(208,  
164, 125) }
```

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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