

Converting Colors

XYZ(44.6012, 42.8174, 25.4439)

Have a look what the booklet for
XYZ(44.6012, 42.8174, 25.4439)
contains.

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Color

**XYZ(44.4893, 42.7502,
25.3088)**

Conversions

Conversions Part 1

Format	Color
Hex	D4A67D
RGB	212, 166, 125
RGB Percent	83%, 65%, 49%
CMY	0.1686, 0.3490, 0.5098
CMYK	0.00, 0.22, 0.41, 0.17
HSL	28°, 50%, 66%
HSV	28°, 41%, 83%
XYZ	44.4893, 42.7502, 25.3088
YIQ	175.0800, 40.5770, -2.9990

Conversions

Conversions Part 2

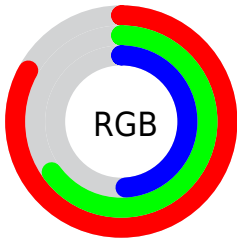
Format	Color
R _Y B	212, 203, 125
Decimal	13936253
CIE Lab	71.39, 11.56, 27.69
CIE LCh	71, 30.009, 67.346
Yxy	42.7502, 0.3953, 0.3798
Android (android.graphics.Color)	4292126333 (0xFFD4A67D)
YUV	175.0800, -24.6894, 32.3788
Hunter-Lab	65.3836, 7.0362, 22.8185

Details

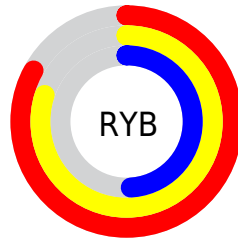
The XYZ color **44.4893, 42.7502, 25.3088** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **34.9035, 38.2378, 67.8284**, and the grayscale version is **40.8990, 43.0290, 46.8585**.

A 20% lighter version of the original color is **75.1323, 76.1873, 52.8652**, and **21.0321, 19.6243, 9.5168** is the 20% darker color. If you saturate the color by 10%, you get **41.3277, 38.3679, 18.2714**, and if you desaturate by 10%, it is **48.1197, 47.6074, 33.9294**.

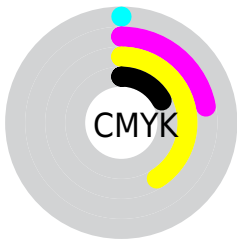
Distribution



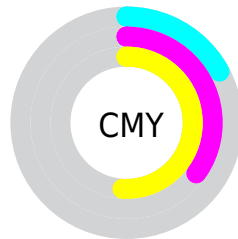
- Red (83%)
- Green (65%)
- Blue (49%)



- Red (83%)
- Yellow (80%)
- Blue (49%)



- Cyan (0%)
- Magenta (22%)
- Yellow (41%)
- Black (17%)





- Cyan (17%)
- Magenta (35%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.4893, 42.7502, 25.3088 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 44.4893, 42.7502, 25.3088 by changing the saturation by 10% instead.


 44.4893, 42.7502,
25.3088


 44.4893, 42.7502,
25.3088


355.5198,
357.5835, 292.8691

 31.2549, 29.6892,
16.0862


 81.1953, 79.3338,
53.1281

 20.9458, 19.6028,
9.4301


 105.3977,
103.6251, 72.5618

 13.1966, 12.1066,
4.9222


 133.9867,
132.4286, 96.2362

 7.6420, 6.8163,
2.1437

167.3278,
166.1288, 124.5700

 3.9166, 3.3475,
0.6416

205.7863,
205.1100, 157.9817

 1.6551, 1.3157,
0.0000

249.7276,

 0.4279, 0.1533,

249.7565, 196.8897

0.0000

299.5170,
300.4529, 241.7126

0.0000, 0.0000,
0.0000

44.4893, 42.7502,
25.3088

44.4893, 42.7502,
25.3088

41.3277, 38.3679,
18.2714

48.1197, 47.6074,
33.9294

38.6086, 34.4379,
12.7155

52.2370, 52.9488,
44.2211

36.3076, 30.9445,
8.5311


56.8621, 58.7911,
56.2685

34.3963, 27.8686,
5.5918

62.0135, 65.1482,
70.1496


32.8411, 25.1885,
3.7471

67.7088, 72.0335,
85.9376

 31.7008, 23.0960,
2.7872

 73.9648, 79.4597,
103.7019

 77.6912, 86.1966,
107.1506

 80.9614, 92.7370,
108.2407

Harmonies

Analogous

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



48.8528, 42.7502, 31.6316



44.4893, 42.7502, 25.3088



39.4036, 42.7502, 24.0528

Triad

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



44.4893, 42.7502, 25.3088



31.7418, 42.7502, 50.1955



46.8136, 42.7502, 72.3450

Complementary

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



44.4893, 42.7502, 25.3088



34.9035, 38.2378, 67.8284

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.



41.8873, 42.7502, 79.9411



44.4893, 42.7502, 25.3088



33.3908, 42.7502, 65.5411

Square

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



44.4893, 42.7502, 25.3088



32.3131, 42.7502, 36.6358



37.0058, 42.7502, 77.2226



50.2704, 42.7502, 58.1032

Rectangle

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



44.4893, 42.7502, 25.3088



36.3328, 42.7502, 25.9554



37.0058, 42.7502, 77.2226



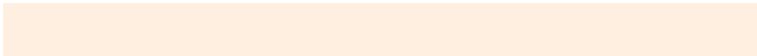
45.2593, 42.7502, 75.8816

Sweetspot

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



44.4904, 42.7522, 25.3097



85.5634, 88.2926, 83.3383



41.8741, 31.6202, 42.6249



18.1084, 18.6404, 17.2957



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.



44.4904, 42.7522, 25.3097



63.4576, 59.2430, 29.2272



53.6781, 61.1278, 28.3722



12.9011, 13.3763, 13.0626



19.6692, 14.4556, 1.7535



1.2688, 1.0369, 0.1333

Inverse Universe

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



34.9035, 38.2378, 67.8284



47.0280, 51.4986, 102.0693



28.0477, 24.5262, 65.5431



12.2806, 13.0846, 15.8158



11.0200, 10.3018, 39.8608



0.7473, 0.7865, 2.4317

Previews

White Background



This preview shows how the XYZ color 44.4893, 42.7502, 25.3088 looks on a white background.

Color Contrast Check

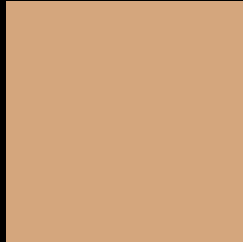
Large Text (above 18pt) WCAG AA × Fail

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 44.4893, 42.7502, 25.3088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

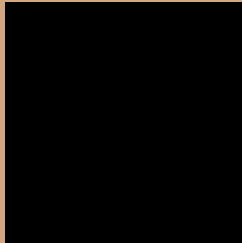
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.4893, 42.7502, 25.3088

Background



This preview shows how black text looks on a background with the XYZ color 44.4893, 42.7502, 25.3088.



This preview shows how white text looks on a background with the XYZ color 44.4893, 42.7502,

25.3088.

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

44.4893, 42.7502, 25.3088

Protanopia

40.0315, 42.9363, 26.9465

Deuteranopia

43.7167, 42.8958, 25.3776



Tritanopia

48.6325, 42.8719, 44.7416

Trichromacy



Original Color

44.4893, 42.7502, 25.3088

Protanomaly

41.6748, 42.9339, 26.5126

Deuteranomaly

43.8149, 42.6734, 25.3295

Tritanomaly

46.8611, 42.6543, 36.7736

Monochromacy



Original Color

44.4893, 42.7502, 25.3088

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.5774, 42.6307, 37.9355

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4893, 42.7502, 25.3088 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(212, 166, 125)` looks like.

```
.text, #text, p{  
    color:rgb(212, 166, 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(212, 166, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 166, 125) }
```

Border

The CSS property to change the border of an element to XYZ 44.4893, 42.7502, 25.3088 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(212, 166, 125) }
```


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

```
.border{ border-color:rgb(212, 166, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 166, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(212, 166, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(212, 166, 125); box-shadow:4px 4px 4px 4px rgb(212, 166, 125) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4893, 42.7502, 25.3088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 166, 125) }
```

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

```
.background{ background-color: rgb(212,  
166, 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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