

Converting Colors

XYZ(42.7875, 44.3945, 25.3826)

Have a look what the booklet for
XYZ(42.7875, 44.3945, 25.3826)
contains.

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Color

**XYZ(42.7875, 44.3945,
25.3826)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | C8AF7C |
| RGB | 200, 175, 124 |
| RGB Percent | 78%, 69%, 49% |
| CMY | 0.2157, 0.3137, 0.5137 |
| CMYK | 0.00, 0.12, 0.38, 0.22 |
| HSL | 40°, 41%, 64% |
| HSV | 40°, 38%, 78% |
| XYZ | 42.7875, 44.3945, 25.3826 |
| YIQ | 176.6610, 31.2710, -10.5610 |

Conversions

Conversions Part 2

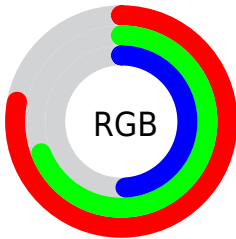
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 161, 200, 124 |
| Decimal | 13152124 |
| CIELab | 72.49, 1.78, 29.48 |
| CIELCh | 72, 29.535, 86.554 |
| Yxy | 44.3945, 0.3801, 0.3944 |
| Android (android.graphics.Color) | 4291342204 (0xFFC8AF7C) |
| YUV | 176.6610, -25.9619, 20.4683 |
| Hunter-Lab | 66.6292, -1.9731, 24.0537 |

Details

The XYZ color **42.7875, 44.3945, 25.3826** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **29.4847, 29.9492, 58.8705**, and the grayscale version is **41.7334, 43.9067, 47.8144**.

A 20% lighter version of the original color is **77.4726, 81.0280, 53.1517**, and **19.9960, 20.6801, 9.4163** is the 20% darker color. If you saturate the color by 10%, you get **40.3999, 41.4422, 18.9670**, and if you desaturate by 10%, it is **45.4963, 47.5783, 33.1718**.

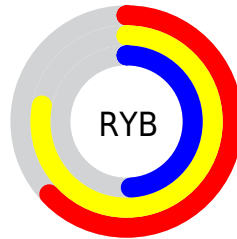
Distribution



Red (78%)

Green (69%)

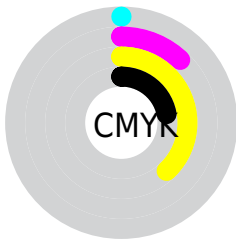
Blue (49%)



Red (63%)

Yellow (78%)

Blue (49%)

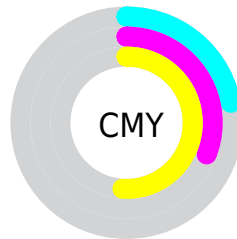


Cyan (0%)

Magenta (12%)

Yellow (38%)

Black (22%)



Cyan (22%)

Magenta (31%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.7875, 44.3945, 25.3826 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 42.7875, 44.3945, 25.3826 by changing the saturation by 10% instead.


 42.7875, 44.3945,
25.3826


 42.7875, 44.3945,
25.3826


348.6735,
364.3157, 293.2464


 29.9122, 30.9808,
16.1407


 78.6478, 81.8110,
53.2490

 19.9197, 20.5842,
9.4684


 102.3635,
106.5826, 72.7107

 12.4446, 12.8204,
4.9470


 130.4235,
135.9090, 96.4160

 7.1216, 7.3050,
2.1580

163.1929,
170.1745, 124.7835

 3.5853, 3.6536,
0.6500

201.0373,
209.7635, 158.2317

 1.4703, 1.4817,
0.0000

244.3220,

 0.3055, 0.2758,

255.0604, 197.1793

0.0000

293.4122,
306.4497, 242.0447

■ 0.0000, 0.0000,
0.0000

■ 42.7875, 44.3945,
25.3826

■ 42.7875, 44.3945,
25.3826

■ 40.3999, 41.4422,
18.9670

■ 45.4963, 47.5783,
33.1718

■ 38.3136, 38.7071,
13.8397

■ 48.5380, 50.9949,
42.4075

■ 36.5115, 36.1828,
9.9103


■ 51.9279, 54.6533,
53.1606


■ 34.9732, 33.8594,
7.0752


■ 55.6792, 58.5600,
65.4964


■ 33.6746, 31.7259,
5.2131


■ 59.8043, 62.7214,
79.4767

 32.5806, 29.7666,
4.1433

 64.3151, 67.1435,
95.1596

 32.3753, 29.3910,
3.9667

 67.7391, 71.2386,
104.7879

 69.5105, 74.7815,
105.3784

 71.3508, 78.4620,
105.9918

Harmonies

Analogous

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



47.8318, 44.3945, 28.4943



42.7875, 44.3945, 25.3826



37.9636, 44.3945, 27.3245

Triad

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



42.7875, 44.3945, 25.3826



34.0210, 44.3945, 62.0049



50.9143, 44.3945, 65.5193

Complementary

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



42.7875, 44.3945, 25.3826



29.4847, 29.9492, 58.8705

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.



46.7310, 44.3945, 78.0480



42.7875, 44.3945, 25.3826



37.0206, 44.3945, 75.7489

Square

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



42.7875, 44.3945, 25.3826



33.1482, 44.3945, 46.6704



41.6093, 44.3945, 82.1227



52.7556, 44.3945, 50.0449

Rectangle

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



42.7875, 44.3945, 25.3826



35.4717, 44.3945, 31.4896



41.6093, 44.3945, 82.1227



49.7197, 44.3945, 70.3261

Sweetspot

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



42.7886, 44.3966, 25.3835



87.9855, 92.5778, 85.8688



36.4789, 28.8757, 32.2249



18.6577, 19.6276, 17.8224



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.



42.7886, 44.3966, 25.3835



70.4697, 72.4141, 34.1942



44.8678, 53.3709, 27.0061



11.2186, 11.8063, 11.2503



20.6701, 18.8573, 2.5504



1.0429, 1.0213, 0.1422

Inverse Universe

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



29.4847, 29.9492, 58.8705



44.0617, 43.7579, 100.7315



27.8954, 23.8762, 57.7820



10.3369, 10.8478, 13.4665



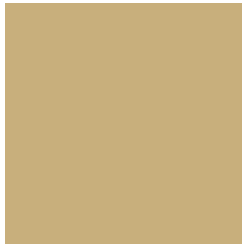
7.9329, 5.2597, 35.3415



0.4422, 0.3823, 1.6956

Previews

White Background



This preview shows how the XYZ color 42.7875, 44.3945, 25.3826 looks on a white background.

Color Contrast Check

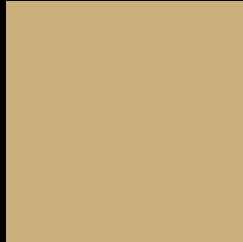
Large Text (above 18pt) WCAG AA × Fail

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 42.7875, 44.3945, 25.3826 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

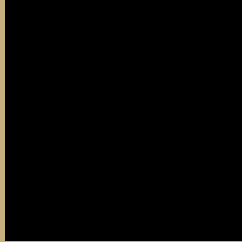
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.7875, 44.3945, 25.3826

Background



This preview shows how black text looks on a background with the XYZ color 42.7875, 44.3945, 25.3826.



This preview shows how white text looks on a background with the XYZ color 42.7875, 44.3945,

25.3826.

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

42.7875, 44.3945, 25.3826

Protanopia

41.3603, 44.5279, 25.8169

Deuteranopia

45.2278, 44.2272, 25.5550



Tritanopia

47.7967, 44.4633, 49.7792

Trichromacy



Original Color

42.7875, 44.3945, 25.3826

Protanomaly

41.9295, 44.5271, 25.7867

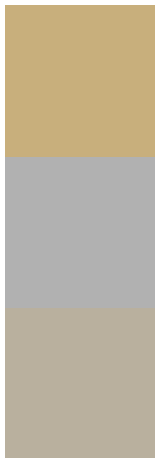
Deuteranomaly

44.4666, 44.3956, 25.6276

Tritanomaly

45.8099, 44.5013, 39.4329

Monochromacy



Original Color

42.7875, 44.3945, 25.3826

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.7045, 43.8336, 38.6104

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.7875, 44.3945, 25.3826 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(200, 175, 124)` looks like.

```
.text, #text, p{  
    color:rgb(200, 175, 124)  
}
```

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(200, 175, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 175, 124) }
```

Border

The CSS property to change the border of an element to XYZ 42.7875, 44.3945, 25.3826 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(200, 175, 124) }
```


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

```
.border{ border-color:rgb(200, 175, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 175, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 175, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 175, 124);  
box-shadow:4px 4px 4px 4px rgb(200, 175,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 42.7875, 44.3945, 25.3826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 175, 124) }
```

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

```
.background{ background-color: rgb(200,  
175, 124) }
```

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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