

Converting Colors

XYZ(42.0197, 40.2667, 24.9432)

Have a look what the booklet for
XYZ(42.0197, 40.2667, 24.9432)
contains.

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Color

**XYZ(41.9001, 40.0922,
24.9322)**

Conversions

Conversions Part 1

Format	Color
Hex	CEA17D
RGB	206, 161, 125
RGB Percent	81%, 63%, 49%
CMY	0.1922, 0.3686, 0.5098
CMYK	0.00, 0.22, 0.39, 0.19
HSL	27°, 45%, 65%
HSV	27°, 39%, 81%
XYZ	41.9001, 40.0922, 24.9322
YIQ	170.3510, 38.3760, -1.6560

Conversions

Conversions Part 2

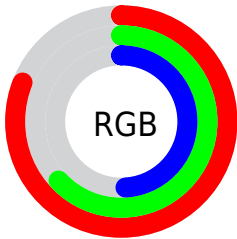
Format	Color
R_{YB}	206, 190, 125
Decimal	13541757
CIE _{Lab}	69.54, 11.85, 25.12
CIE _{LCh}	70, 27.772, 64.743
Yxy	40.0922, 0.3919, 0.3750
Android (android.graphics.Color)	4291731837 (0xFFCEA17D)
YUV	170.3510, -22.3580, 31.2642
Hunter-Lab	63.3184, 7.3128, 20.9769

Details

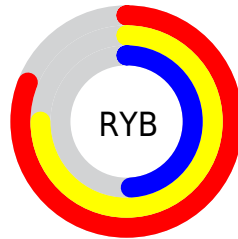
The XYZ color **41.9001, 40.0922, 24.9322** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **33.9722, 37.5642, 63.8525**, and the grayscale version is **38.4793, 40.4832, 44.0862**.

A 20% lighter version of the original color is **73.8317, 73.5861, 52.4317**, and **19.3508, 17.9431, 9.2809** is the 20% darker color. If you saturate the color by 10%, you get **38.8093, 35.8026, 18.0690**, and if you desaturate by 10%, it is **45.4489, 44.8608, 33.2954**.

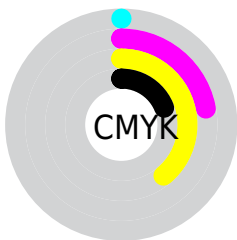
Distribution



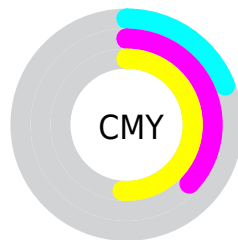
- Red (81%)
- Green (63%)
- Blue (49%)



- Red (81%)
- Yellow (75%)
- Blue (49%)



- Cyan (0%)
- Magenta (22%)
- Yellow (39%)
- Black (19%)





- Cyan (19%)
- Magenta (37%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.9001, 40.0922, 24.9322 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 41.9001, 40.0922, 24.9322 by changing the saturation by 10% instead.

 41.9001, 40.0922,
24.9322

 41.9001, 40.0922,
24.9322


345.0673,
346.5120, 290.9370

 29.2138, 27.6104,
15.8080


 77.3145, 75.3039,
52.5100

 19.3877, 18.0322,
9.2355


 100.7734, 98.8026,
71.8006

 12.0565, 10.9731,
4.7962


 128.5539,
126.7424, 95.3171

 6.8546, 6.0488,
2.0715

161.0212,
159.5078, 123.4781

 3.4169, 2.8748,
0.5988

198.5409,
197.4830, 156.7020

 1.3778, 1.0667,
0.0000

241.4783,

 0.2404, 0.0000,

241.0525, 195.4074

0.0000

290.1986,
290.6007, 240.0129

■ 0.0000, 0.0000,
0.0000

■ 41.9001, 40.0922,
24.9322

■ 41.9001, 40.0922,
24.9322

■ 38.8093, 35.8026,
18.0690

■ 45.4489, 44.8608,
33.2954

■ 36.1516, 31.9699,
12.6122

■ 49.4730, 50.1184,
43.2396

■ 33.9039, 28.5780,
8.4614


■ 53.9922, 55.8817,
54.8428


■ 32.0396, 25.6078,
5.5015


■ 59.0243, 62.1648,
68.1771


■ 30.5275, 23.0379,
3.5969

■ 64.5862, 68.9811,
83.3104


 29.3184, 20.8392,
2.5174

 70.6939, 76.3437,
100.3067

 29.2433, 20.7013,
2.4545

 74.9909, 83.3164,
106.7370

 78.4874, 90.3094,
107.9025

 79.2636, 91.8618,
108.1612

Harmonies

Analogous

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



45.6296, 40.0922, 31.0532



41.9001, 40.0922, 24.9322



37.3989, 40.0922, 23.3999

Triad

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



41.9001, 40.0922, 24.9322



30.1527, 40.0922, 45.7246



43.2277, 40.0922, 67.2167

Complementary

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



41.9001, 40.0922, 24.9322



33.9722, 37.5642, 63.8525

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.



38.8229, 40.0922, 73.1324



41.9001, 40.0922, 24.9322



31.4593, 40.0922, 59.2707

Square

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



41.9001, 40.0922, 24.9322



30.8369, 40.0922, 33.9535



34.5490, 40.0922, 69.9725



46.4371, 40.0922, 55.0447

Rectangle

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



41.9001, 40.0922, 24.9322



34.6146, 40.0922, 24.8678



34.5490, 40.0922, 69.9725



41.8255, 40.0922, 70.1008

Sweetspot

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



41.9011, 40.0941, 24.9330



85.3239, 87.8136, 83.2584



40.1285, 30.7258, 42.2940



18.0521, 18.5279, 17.2769



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.



41.9011, 40.0941, 24.9330



63.6976, 59.1612, 31.0391



49.9488, 56.1895, 27.6156



11.6159, 12.0208, 11.7875



18.1007, 12.9344, 1.5426



1.0091, 0.8178, 0.1047

Inverse Universe

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



33.9722, 37.5642, 63.8525



49.1222, 54.4961, 102.5375



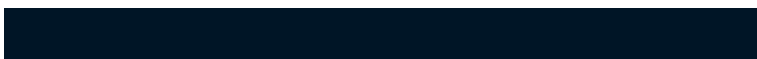
27.6343, 24.8885, 61.7399



11.1098, 11.8601, 14.2741



10.6936, 10.4111, 37.4022



0.6266, 0.6870, 1.9545

Previews

White Background



This preview shows how the XYZ color 41.9001, 40.0922, 24.9322 looks on a white background.

Color Contrast Check

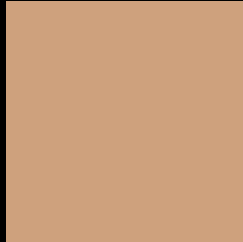
Large Text (above 18pt) WCAG AA × Fail

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 41.9001, 40.0922, 24.9322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

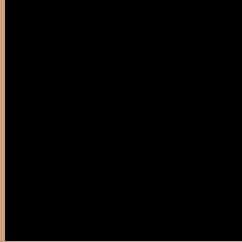
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.9001, 40.0922, 24.9322

Background



This preview shows how black text looks on a background with the XYZ color 41.9001, 40.0922, 24.9322.



This preview shows how white text looks on a background with the XYZ color 41.9001, 40.0922,

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

41.9001, 40.0922, 24.9322

Protanopia

37.6286, 40.2795, 26.5604

Deuteranopia

40.8863, 40.0926, 24.9857



Tritanopia

45.2747, 39.9343, 41.8811

Trichromacy



Original Color

41.9001, 40.0922, 24.9322

Protanomaly

39.2009, 40.2723, 26.1293

Deuteranomaly

41.2506, 40.0178, 24.9521

Tritanomaly

44.0190, 39.9362, 35.0942

Monochromacy



Original Color

41.9001, 40.0922, 24.9322

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

39.1799, 40.0378, 36.2349

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.9001, 40.0922, 24.9322 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(206, 161, 125)` looks like.

```
.text, #text, p{  
    color:rgb(206, 161, 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(206, 161, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 161, 125) }
```

Border

The CSS property to change the border of an element to XYZ 41.9001, 40.0922, 24.9322 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(206, 161, 125) }
```


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

```
.border{ border-color:rgb(206, 161, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 161, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 161, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 161, 125);  
box-shadow:4px 4px 4px 4px rgb(206, 161,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 41.9001, 40.0922, 24.9322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 161, 125) }
```

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

```
.background{ background-color: rgb(206,  
161, 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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