

Converting Colors

XYZ(43.5011, 43.7077, 21.4735)

Have a look what the booklet for
XYZ(43.5011, 43.7077, 21.4735)
contains.

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Color

**XYZ(43.5000, 43.7056,
21.4726)**

Conversions

Conversions Part 1

Format	Color
Hex	D0AB70
RGB	208, 171, 112
RGB Percent	82%, 67%, 44%
CMY	0.1843, 0.3294, 0.5608
CMYK	0.00, 0.18, 0.46, 0.18
HSL	37°, 51%, 63%
HSV	37°, 46%, 82%
XYZ	43.5000, 43.7056, 21.4726
YIQ	175.3370, 40.9910, -10.5050

Conversions

Conversions Part 2

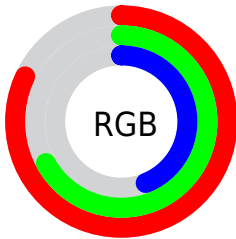
Format	Color
RYB	172, 208, 112
Decimal	13675376
CIELab	72.03, 5.87, 35.36
CIELCh	72, 35.849, 80.570
Yxy	43.7056, 0.4003, 0.4022
Android (android.graphics.Color)	4291865456 (0xFFD0AB70)
YUV	175.3370, -31.2251, 28.6455
Hunter-Lab	66.1102, 1.7587, 27.0198

Details

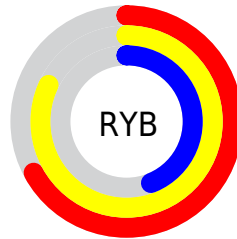
The XYZ color **43.5000, 43.7056, 21.4726** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **28.8144, 29.4927, 63.8484**, and the grayscale version is **41.0651, 43.2037, 47.0488**.

A 20% lighter version of the original color is **75.2279, 78.3693, 46.7592**, and **20.4429, 20.2279, 7.5295** is the 20% darker color. If you saturate the color by 10%, you get **41.0048, 40.3595, 15.5722**, and if you desaturate by 10%, it is **46.3567, 47.3465, 28.8142**.

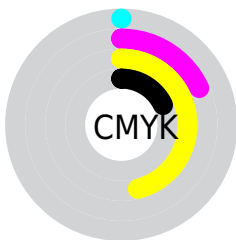
Distribution



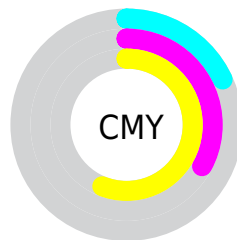
- Red (82%)
- Green (67%)
- Blue (44%)



- Red (67%)
- Yellow (82%)
- Blue (44%)



- Cyan (0%)
- Magenta (18%)
- Yellow (46%)
- Black (18%)



- Cyan (18%)
- Magenta (33%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.5000, 43.7056, 21.4726 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 43.5000, 43.7056, 21.4726 by changing the saturation by 10% instead.

■ 43.5000, 43.7056,
21.4726

■ 43.5000, 43.7056,
21.4726

351.5508,
361.5056, 272.6426

■ 30.4738, 30.4391,
13.2753

■ 79.7159, 80.7746,
46.7637

■ 20.3484, 20.1721,
7.4854

■ 103.6363,
105.3458, 64.6946

■ 12.7583, 12.5202,
3.6845

■ 131.9188,
134.4542, 86.7071

■ 7.3381, 7.0990,
1.4539

■ 164.9288,
168.4840, 113.2197

■ 3.7227, 3.5241,
0.1832

203.0316,
207.8196, 144.6511

■ 1.5465, 1.4111,
0.0000

246.5927,

■ 0.3571, 0.2249,

252.8455, 181.4196

0.0000

295.9773,
303.9460, 223.9440

■ 0.0000, 0.0000,
0.0000

■ 43.5000, 43.7056,
21.4726

■ 43.5000, 43.7056,
21.4726

■ 41.0048, 40.3595,
15.5722

■ 46.3567, 47.3465,
28.8142

■ 38.8477, 37.2913,
11.0116

■ 49.5901, 51.2860,
37.6838

■ 37.0068, 34.4913,
7.6798


■ 53.2185, 55.5352,
48.1646


■ 35.4561, 31.9464,
5.4471


■ 57.2576, 60.1031,
60.3328


■ 34.1628, 29.6405,
4.1504


■ 61.7223, 64.9979,
74.2598

 33.7112, 28.8075,
3.7836

 66.6269, 70.2275,
90.0127

 71.5629, 75.6309,
105.4342

 73.8081, 80.1212,
106.1826

 76.1567, 84.8185,
106.9655

Harmonies

Analogous

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



49.4766, 43.7056, 26.0056



43.5000, 43.7056, 21.4726



37.5399, 43.7056, 22.4847

Triad

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



43.5000, 43.7056, 21.4726



31.4639, 43.7056, 60.4456



51.3148, 43.7056, 72.3780

Complementary

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



43.5000, 43.7056, 21.4726



28.8144, 29.4927, 63.8484

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.



45.8164, 43.7056, 86.6535



43.5000, 43.7056, 21.4726



34.5026, 43.7056, 78.6733

Square

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



43.5000, 43.7056, 21.4726



30.9749, 43.7056, 42.2742



39.6414, 43.7056, 89.2042



54.2718, 43.7056, 53.3294

Rectangle

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



43.5000, 43.7056, 21.4726



34.3443, 43.7056, 26.2947



39.6414, 43.7056, 89.2042



49.6784, 43.7056, 78.0722

Sweetspot

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



43.5011, 43.7077, 21.4735



85.5928, 89.4445, 79.9784



37.3442, 27.2136, 32.3083



18.0338, 18.8162, 16.2694



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.



43.5011, 43.7077, 21.4735



65.1957, 64.2431, 25.1083



48.8749, 58.3418, 24.0149



12.4049, 13.0005, 12.4676



21.1068, 18.1466, 2.3902



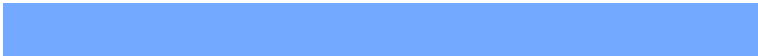
1.2558, 1.1659, 0.1589

Inverse Universe

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



28.8144, 29.4927, 63.8484



39.2377, 39.1486, 100.0961



25.1493, 20.2514, 62.2578



11.5319, 12.1540, 14.9818



8.9780, 6.6026, 37.9937



0.5780, 0.5211, 2.1497

Previews

White Background



This preview shows how the XYZ color 43.5000, 43.7056, 21.4726 looks on a white background.

Color Contrast Check

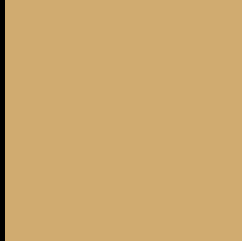
Large Text (above 18pt) WCAG AA × Fail

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 43.5000, 43.7056, 21.4726 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 43.5000, 43.7056, 21.4726

Background



This preview shows how black text looks on a background with the XYZ color 43.5000, 43.7056, 21.4726.



This preview shows how white text looks on a background with the XYZ color 43.5000, 43.7056,

21.4726.

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

43.5000, 43.7056, 21.4726

Protanopia

40.4976, 43.8657, 22.2521

Deuteranopia

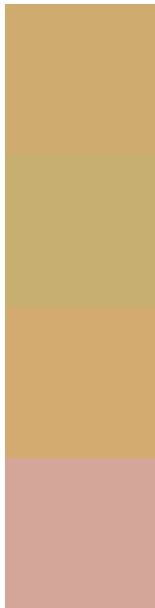
44.5532, 43.6919, 21.4144



Tritanopia

48.6652, 43.6251, 46.9298

Trichromacy



Original Color

43.5000, 43.7056, 21.4726

Protanomaly

41.5993, 43.8580, 21.8957

Deuteranomaly

44.1633, 43.7682, 21.4497

Tritanomaly

46.5374, 43.5694, 36.0939

Monochromacy



Original Color

43.5000, 43.7056, 21.4726

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.2971, 43.1039, 35.8491

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5000, 43.7056, 21.4726 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, 171, 112)` looks like.

```
.text, #text, p{  
    color:rgb(208, 171, 112)  
}
```

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, 171, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 171, 112) }
```

Border

The CSS property to change the border of an element to XYZ 43.5000, 43.7056, 21.4726 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, 171, 112) }
```


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

```
.border{ border-color:rgb(208, 171, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 171, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 171, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 171, 112);  
box-shadow:4px 4px 4px 4px rgb(208, 171,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5000, 43.7056, 21.4726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 171, 112) }
```

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

```
.background{ background-color: rgb(208,  
171, 112) }
```

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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