

Converting Colors

XYZ(45.5420, 43.5614, 37.9062)

Have a look what the booklet for
XYZ(45.5420, 43.5614, 37.9062)
contains.

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Color

**XYZ(45.5420, 43.5614,
37.9062)**

Conversions

Conversions Part 1	
Format	Color
Hex	CEA89D
RGB	206, 168, 157
RGB Percent	81%, 66%, 62%
CMY	0.1922, 0.3412, 0.3843
CMYK	0.00, 0.18, 0.24, 0.19
HSL	13°, 33%, 71%
HSV	13°, 24%, 81%
XYZ	45.5420, 43.5614, 37.9062
YIQ	178.1080, 26.1790, 4.6350

Conversions

Conversions Part 2

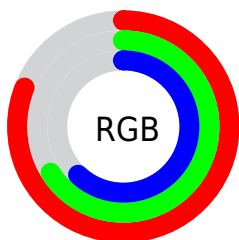
Format	Color
RYB	206, 171, 157
Decimal	13543581
CIELab	71.93, 12.23, 10.92
CIELCh	72, 16.392, 41.752
Yxy	43.5614, 0.3586, 0.3430
Android (android.graphics.Color)	4291733661 (0xFFCEA89D)
YUV	178.1080, -10.4062, 24.4613
Hunter-Lab	66.0011, 7.6666, 12.1489

Details

The XYZ color **45.5420, 43.5614, 37.9062** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.5598, 50.6531, 65.8211**, and the grayscale version is **42.4187, 44.6277, 48.5996**.

A 20% lighter version of the original color is **79.5113, 78.7888, 73.3044**, and **21.6094, 20.1107, 16.3785** is the 20% darker color. If you saturate the color by 10%, you get **41.1595, 37.3775, 28.4876**, and if you desaturate by 10%, it is **50.5857, 50.5925, 49.0091**.

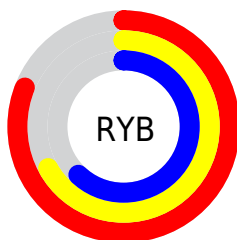
Distribution



Red (81%)

Green (66%)

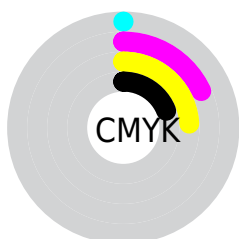
Blue (62%)



Red (81%)

Yellow (67%)

Blue (62%)

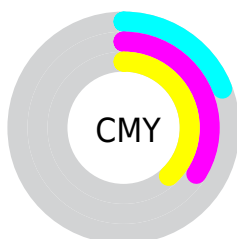


Cyan (0%)

Magenta (18%)

Yellow (24%)

Black (19%)



Cyan (19%)


Magenta (34%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.5420, 43.5614, 37.9062 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 45.5420, 43.5614, 37.9062 by changing the saturation by 10% instead.


 45.5420, 43.5614,
37.9062

 45.5420, 43.5614,
37.9062


359.7111,
360.9155, 352.5035

 32.0876, 30.3258,
25.6086


 82.7652, 80.5574,
73.1662

 21.5843, 20.0860,
16.3079


 107.2648,
105.0865, 96.9657

 13.6667, 12.4576,
9.5856


136.1768,
134.1491, 125.4362

 7.9693, 7.0561,
5.0231

169.8666,
168.1293, 158.9963

 4.1270, 3.4972,
2.2018

208.6996,
207.4117, 198.0646

 1.7742, 1.3965,
0.6754


253.0411,

 0.5021, 0.2141,


252.3806, 243.0595

0.0000


303.2565,
303.4204, 294.3996


 0.0000, 0.0000,
0.0000


 45.5420, 43.5614,
37.9062


 45.5420, 43.5614,
37.9062


 41.1595, 37.3775,
28.4876


 50.5857, 50.5925,
49.0091


 37.4068, 32.0027,
20.6681


 56.3133, 58.4951,
61.8706


 34.2549, 27.4048,
14.3587

 62.7508, 67.3000,
76.5637

 31.6714, 23.5472,
9.4611

 69.9216, 77.0348,
93.1566

 29.6205, 20.3900,
5.8647

 77.0324, 87.3993,
107.4175

■ 28.0617, 17.8897,
3.4425

■ 79.2637, 91.8618,
108.1612

■ 26.9484, 15.9970,
2.0415

■ 26.4409, 15.0964,
1.5203

Harmonies

Analogous

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



46.8888, 43.5614, 44.3659



45.5420, 43.5614, 37.9062



43.1087, 43.5614, 34.2691

Triad

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



45.5420, 43.5614, 37.9062



36.5088, 43.5614, 42.7750



42.5076, 43.5614, 64.1434

Complementary

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



45.5420, 43.5614, 37.9062



44.5598, 50.6531, 65.8211

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.



39.7444, 43.5614, 63.5933



45.5420, 43.5614, 37.9062



36.3642, 43.5614, 50.6340

Square

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



45.5420, 43.5614, 37.9062



37.9287, 43.5614, 36.8546



37.5242, 43.5614, 58.4309



45.0849, 43.5614, 59.8588

Rectangle

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



45.5420, 43.5614, 37.9062



41.2398, 43.5614, 33.6557



37.5242, 43.5614, 58.4309



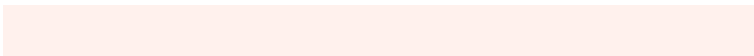
41.5683, 43.5614, 64.5298

Sweetspot

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



45.5432, 43.5634, 37.9071



88.0503, 90.3877, 93.0415



47.4046, 41.1938, 57.3103



18.7230, 19.1766, 19.6369



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.



45.5432, 43.5634, 37.9071



69.7014, 64.8299, 52.5827



50.4150, 53.3070, 39.5310



11.4133, 11.6155, 11.7199



16.3421, 9.4171, 0.9564



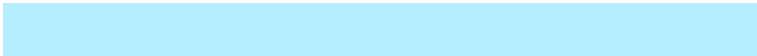
0.9018, 0.6033, 0.0689

Inverse Universe

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



44.5598, 50.6531, 65.8211



67.8068, 78.4279, 106.1720



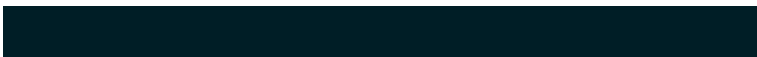
39.5866, 40.7066, 64.1634



11.3213, 12.2830, 14.3445



14.6481, 18.3202, 38.7204



0.8096, 1.0530, 2.0155

Previews

White Background



This preview shows how the XYZ color 45.5420, 43.5614, 37.9062 looks on a white background.

Color Contrast Check

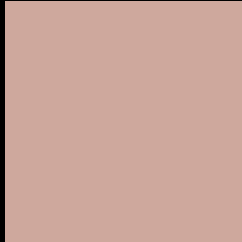
Large Text (above 18pt) WCAG AA × Fail

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 45.5420, 43.5614, 37.9062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

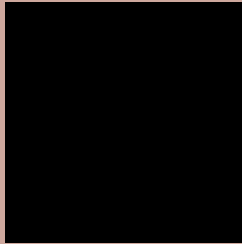
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.5420, 43.5614, 37.9062

Background



This preview shows how black text looks on a background with the XYZ color 45.5420, 43.5614, 37.9062.



This preview shows how white text looks on a background with the XYZ color 45.5420, 43.5614,

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

45.5420, 43.5614, 37.9062

Protanopia

41.4868, 43.6912, 39.9649

Deuteranopia

44.5479, 43.6013, 37.9662



Tritanopia

47.5034, 43.5345, 48.0188

Trichromacy

	Original Color 45.5420, 43.5614, 37.9062
	Protanomaly 42.7746, 43.5016, 39.3999
	Deuteranomaly 44.9024, 43.5068, 37.9293
	Tritanomaly 46.6240, 43.4401, 43.9576

Monochromacy

	Original Color 45.5420, 43.5614, 37.9062
	Achromatopsia 42.3164, 44.5201, 48.4824
	Achromatomaly 43.1308, 43.8657, 44.2239

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.5420, 43.5614, 37.9062 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, 168, 157) looks like.

```
.text, #text, p{  
    color:rgb(206, 168, 157)  
}
```

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, 168, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 168, 157) }
```

Border

The CSS property to change the border of an element to XYZ 45.5420, 43.5614, 37.9062 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, 168, 157) }
```


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

```
.border{ border-color:rgb(206, 168, 157) }
```

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

Here you see how a box with a 4 pixel rgb(206, 168, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 168, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 168, 157);  
box-shadow:4px 4px 4px 4px rgb(206, 168,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 45.5420, 43.5614, 37.9062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 168, 157) }
```

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

```
.background{ background-color: rgb(206,  
168, 157) }
```

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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