

Converting Colors

XYZ(43.3622, 41.9658, 31.2338)

Have a look what the booklet for
XYZ(43.3622, 41.9658, 31.2338)
contains.

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Color

**XYZ(43.4205, 42.0628,
31.4216)**

Conversions

Conversions Part 1

Format	Color
Hex	CCA68E
RGB	204, 166, 142
RGB Percent	80%, 65%, 56%
CMY	0.2000, 0.3490, 0.4431
CMYK	0.00, 0.19, 0.30, 0.20
HSL	23°, 38%, 68%
HSV	23°, 30%, 80%
XYZ	43.4205, 42.0628, 31.4216
YIQ	174.6260, 30.3520, 0.5920

Conversions

Conversions Part 2

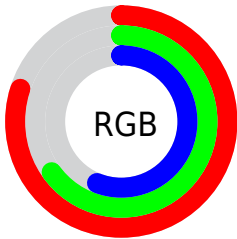
Format	Color
RYB	204, 181, 142
Decimal	13411982
CIELab	70.91, 10.45, 17.69
CIELCh	71, 20.545, 59.414
Yxy	42.0628, 0.3714, 0.3598
Android (android.graphics.Color)	4291602062 (0xFFCCA68E)
YUV	174.6260, -16.0846, 25.7610
Hunter-Lab	64.8558, 6.0067, 16.6740

Details

The XYZ color **43.4205, 42.0628, 31.4216** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.3751, 42.7515, 63.3560**, and the grayscale version is **40.6247, 42.7403, 46.5442**.

A 20% lighter version of the original color is **77.0603, 76.9584, 63.0175**, and **20.3435, 19.1969, 12.7584** is the 20% darker color. If you saturate the color by 10%, you get **39.8638, 37.1803, 23.3586**, and if you desaturate by 10%, it is **47.4806, 47.5032, 41.0363**.

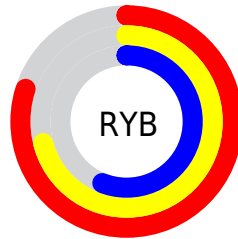
Distribution



Red (80%)

Green (65%)

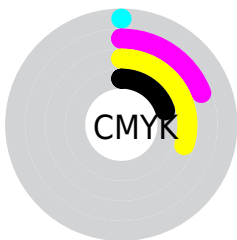
Blue (56%)



Red (80%)

Yellow (71%)

Blue (56%)

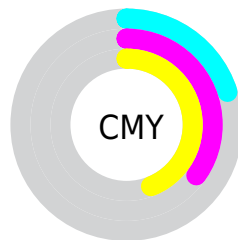


Cyan (0%)

Magenta (19%)

Yellow (30%)

Black (20%)



Cyan (20%)


Magenta (35%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.4205, 42.0628, 31.4216 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 43.4205, 42.0628, 31.4216 by changing the saturation by 10% instead.


 43.4205, 42.0628,
31.4216

 43.4205, 42.0628,
31.4216


351.2305,
354.7432, 322.8871


 30.4111, 29.1505,
20.6589


 79.5968, 78.2947,
62.9906

 20.3005, 19.1947,
12.6861

 103.4944,
102.3830, 84.6340

 12.7232, 11.8110,
7.0846


 131.7522,
130.9654, 110.7413

 7.3139, 6.6151,
3.4358

164.7355,
164.4264, 141.7313

 3.7072, 3.2226,
1.3212

202.8096,
203.1502, 178.0223

 1.5379, 1.2490,
0.0791

246.3399,

 0.3514, 0.1012,

247.5214, 220.0329

0.0000

295.6917,
297.9242, 268.1816

0.0000, 0.0000,
0.0000

43.4205, 42.0628,
31.4216

43.4205, 42.0628,
31.4216

39.8638, 37.1803,
23.3586

47.4806, 47.5032,
41.0363

36.7858, 32.8312,
16.7619

52.0611, 53.5134,
52.2766

34.1641, 28.9976,
11.5420

57.1821, 60.1122,
65.2148

31.9733, 25.6582,
7.5982

62.8614, 67.3156,
79.9179

30.1846, 22.7901,
4.8156

69.1162, 75.1392,
96.4495

■ 28.7652, 20.3677,
3.0586

■ 74.4118, 82.9773,
106.7021

■ 27.6965, 18.4268,
2.0970

■ 78.2408, 90.6352,
107.9784

■ 78.7118, 91.5774,
108.1354

Harmonies

Analogous

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



45.9870, 42.0628, 37.1570



43.4205, 42.0628, 31.4216



40.0468, 42.0628, 29.4273

Triad

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



43.4205, 42.0628, 31.4216



33.7564, 42.0628, 45.6068



43.2975, 42.0628, 64.2459

Complementary

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



43.4205, 42.0628, 31.4216



38.3751, 42.7515, 63.3560

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.



39.9122, 42.0628, 67.3357



43.4205, 42.0628, 31.4216



34.5192, 42.0628, 55.6873

Square

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



43.4205, 42.0628, 31.4216



34.5803, 42.0628, 36.8673



36.7251, 42.0628, 64.0047



45.9132, 42.0628, 56.0685

Rectangle

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



43.4205, 42.0628, 31.4216



37.8328, 42.0628, 30.2313



36.7251, 42.0628, 64.0047



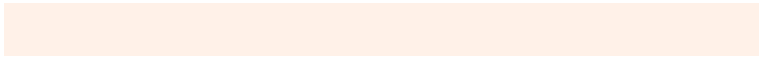
42.2058, 42.0628, 65.9617

Sweetspot

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



43.4216, 42.0648, 31.4225



87.2488, 89.9615, 89.1470



42.8371, 35.4886, 47.8972



18.4200, 18.9246, 18.4453



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.



43.4216, 42.0648, 31.4225



68.2329, 64.6398, 43.6248



49.6978, 54.6171, 33.5145



11.5625, 11.9140, 11.7697



17.5167, 11.7663, 1.3479



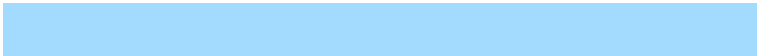
0.9767, 0.7531, 0.0939

Inverse Universe

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



38.3751, 42.7515, 63.3560



58.6464, 65.9300, 104.2425



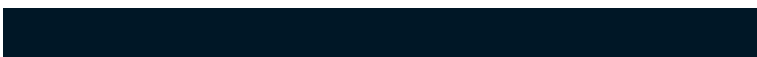
32.8392, 31.6797, 61.5107



11.1644, 11.9692, 14.2922



11.5699, 12.1638, 37.6943



0.6691, 0.7720, 1.9687

Previews

White Background



This preview shows how the XYZ color 43.4205, 42.0628, 31.4216 looks on a white background.

Color Contrast Check

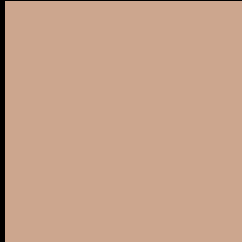
Large Text (above 18pt) WCAG AA × Fail

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 43.4205, 42.0628, 31.4216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

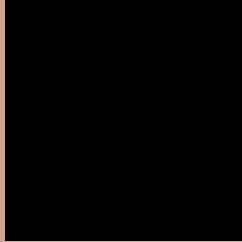
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.4205, 42.0628, 31.4216

Background



This preview shows how black text looks on a background with the XYZ color 43.4205, 42.0628, 31.4216.



This preview shows how white text looks on a background with the XYZ color 43.4205, 42.0628,

31.4216.

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

43.4205, 42.0628, 31.4216

Protanopia

39.6603, 42.0297, 33.2164

Deuteranopia

43.0583, 42.1470, 31.4569



Tritanopia

46.3973, 41.9556, 45.6972

Trichromacy



Original Color

43.4205, 42.0628, 31.4216

Protanomaly

40.9714, 41.8702, 32.7104

Deuteranomaly

43.3298, 42.2869, 31.4697

Tritanomaly

45.3509, 42.0684, 39.9122

Monochromacy



Original Color

43.4205, 42.0628, 31.4216

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.6131, 42.5885, 40.6775

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4205, 42.0628, 31.4216 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(204, 166, 142) looks like.

```
.text, #text, p{  
    color:rgb(204, 166, 142)  
}
```

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(204, 166, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 166, 142) }
```

Border

The CSS property to change the border of an element to XYZ 43.4205, 42.0628, 31.4216 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(204, 166, 142) }
```


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

```
.border{ border-color:rgb(204, 166, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 166, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 166, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 166, 142);  
box-shadow:4px 4px 4px 4px rgb(204, 166,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4205, 42.0628, 31.4216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 166, 142) }
```

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

```
.background{ background-color: rgb(204,  
166, 142) }
```

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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