

Converting Colors

XYZ(43.5131, 42.9230, 30.4777)

Have a look what the booklet for
XYZ(43.5131, 42.9230, 30.4777)
contains.

XYZ(43.4768, 42.9365, 30.4222)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(43.4768, 42.9365,
30.4222)**

Conversions

Conversions Part 1

Format	Color
Hex	CBA98B
RGB	203, 169, 139
RGB Percent	80%, 66%, 55%
CMY	0.2039, 0.3372, 0.4549
CMYK	0.00, 0.17, 0.32, 0.20
HSL	28°, 38%, 67%
HSV	28°, 32%, 80%
XYZ	43.4768, 42.9365, 30.4222
YIQ	175.7460, 29.8940, -2.1220

Conversions

Conversions Part 2

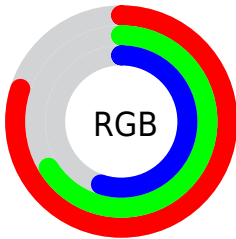
Format	Color
R_{YB}	203, 195, 139
Decimal	13347211
CIE _{Lab}	71.51, 8.04, 20.13
CIE _{LCh}	72, 21.680, 68.221
Yxy	42.9365, 0.3721, 0.3675
Android (android.graphics.Color)	4291537291 (0xFFCBA98B)
YUV	175.7460, -18.1158, 23.9018
Hunter-Lab	65.5259, 3.7652, 18.3412

Details

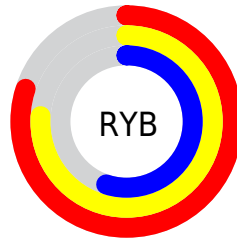
The XYZ color **43.4768, 42.9365, 30.4222** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **36.3702, 39.6868, 62.2436**, and the grayscale version is **41.2159, 43.3623, 47.2216**.

A 20% lighter version of the original color is **77.5213, 78.4216, 61.5031**, and **20.3772, 19.7397, 12.1874** is the 20% darker color. If you saturate the color by 10%, you get **40.2053, 38.5508, 22.6809**, and if you desaturate by 10%, it is **47.1914, 47.7673, 39.6710**.

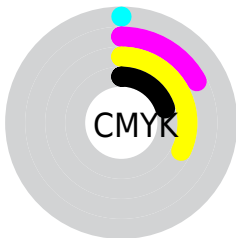
Distribution



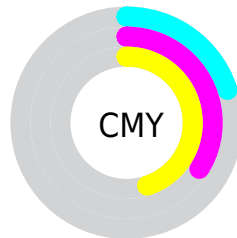
- Red (80%)
- Green (66%)
- Blue (55%)



- Red (80%)
- Yellow (76%)
- Blue (55%)



- Cyan (0%)
- Magenta (17%)
- Yellow (32%)
- Black (20%)





- Cyan (20%)
- Magenta (34%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.4768, 42.9365, 30.4222 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 43.4768, 42.9365, 30.4222 by changing the saturation by 10% instead.


 43.4768, 42.9365,
30.4222


 43.4768, 42.9365,
30.4222


351.4573,
358.3506, 318.1358


 30.4555, 29.8353,
19.9045


 79.6811, 79.6150,
61.3981

 20.3344, 19.7136,
12.1423


 103.5949,
103.9611, 82.6934

 12.7480, 12.1870,
6.7169


 131.8702,
132.8243, 108.4183

 7.3311, 6.8712,
3.2100

164.8724,
166.5890, 138.9913

 3.7182, 3.3817,
1.2028

202.9668,
205.6396, 174.8311

 1.5440, 1.3341,
0.0000

246.5189,

 0.3555, 0.1674,

250.3605, 216.3560

0.0000

295.8940,
301.1360, 263.9848

■ 0.0000, 0.0000,
0.0000

■ 43.4768, 42.9365,
30.4222

■ 43.4768, 42.9365,
30.4222

■ 40.2053, 38.5508,
22.6809

■ 47.1914, 47.7673,
39.6710

■ 37.3544, 34.5902,
16.3627

■ 51.3638, 53.0505,
50.5001

■ 34.9043, 31.0417,
11.3788

■ 56.0119, 58.8008,
62.9808

■ 32.8320, 27.8892,
7.6293

■ 61.1515, 65.0303,
77.1793

■ 31.1115, 25.1152,
4.9998

■ 66.7980, 71.7506,
93.1579

■ 29.7127, 22.7001,
3.3541

■ 72.0172, 78.5936,
105.9821

■ 28.7362, 20.9115,
2.5218

■ 75.1760, 84.9112,
107.0351

■ 78.4387, 91.4366,
108.1226

Harmonies

Analogous

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



46.5916, 42.9365, 35.3577



43.4768, 42.9365, 30.4222



39.8119, 42.9365, 29.5068

Triad

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



43.4768, 42.9365, 30.4222



34.2340, 42.9365, 49.6918



45.3202, 42.9365, 64.4379

Complementary

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



43.4768, 42.9365, 30.4222



36.3702, 39.6868, 62.2436

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.



41.8243, 42.9365, 69.6675



43.4768, 42.9365, 30.4222



35.5274, 42.9365, 60.3604

Square

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



43.4768, 42.9365, 30.4222



34.6179, 42.9365, 39.6648



38.2543, 42.9365, 68.0732



47.6994, 42.9365, 54.6336

Rectangle

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



43.4768, 42.9365, 30.4222



37.5720, 42.9365, 31.1466



38.2543, 42.9365, 68.0732



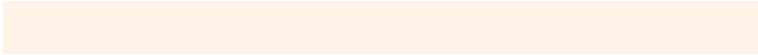
44.2286, 42.9365, 66.8511

Sweetspot

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



43.4779, 42.9385, 30.4231



87.8061, 91.0761, 89.3327



41.4174, 34.1846, 44.0186



18.5570, 19.1985, 18.4910



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.



43.4779, 42.9385, 30.4231



68.9010, 66.6938, 41.6346



50.1447, 56.2720, 32.6453



11.6387, 12.0663, 11.7950



18.3771, 13.4871, 1.6347



1.0238, 0.8473, 0.1096

Inverse Universe

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



36.3702, 39.6868, 62.2436



55.1113, 60.3813, 103.3578



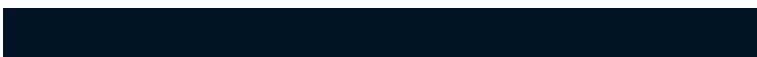
30.9720, 28.8904, 60.4442



11.0868, 11.8141, 14.2664



10.3534, 9.7307, 37.2888



0.6097, 0.6532, 1.9489

Previews

White Background



This preview shows how the XYZ color 43.4768, 42.9365, 30.4222 looks on a white background.

Color Contrast Check

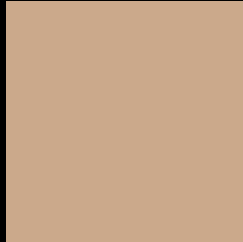
Large Text (above 18pt) WCAG AA × Fail

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 43.4768, 42.9365, 30.4222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

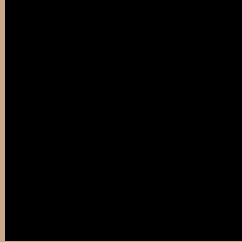
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.4768, 42.9365, 30.4222

Background



This preview shows how black text looks on a background with the XYZ color 43.4768, 42.9365, 30.4222.



This preview shows how white text looks on a background with the XYZ color 43.4768, 42.9365,

30.4222.

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

43.4768, 42.9365, 30.4222

Protanopia

40.4622, 43.0520, 31.7685

Deuteranopia

43.8397, 42.8485, 30.3861



Tritanopia

46.8441, 42.9509, 46.8957

Trichromacy



Original Color

43.4768, 42.9365, 30.4222

Protanomaly

41.4895, 43.0167, 31.3156

Deuteranomaly

43.5647, 42.7067, 30.3732

Tritanomaly

45.7007, 43.0386, 40.5489

Monochromacy



Original Color

43.4768, 42.9365, 30.4222

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.8041, 42.9706, 40.7412

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4768, 42.9365, 30.4222 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(203, 169, 139)` looks like.

```
.text, #text, p{  
    color:rgb(203, 169, 139)  
}
```

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(203, 169, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 169, 139) }
```

Border

The CSS property to change the border of an element to XYZ 43.4768, 42.9365, 30.4222 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(203, 169, 139) }
```


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

```
.border{ border-color:rgb(203, 169, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 169, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 169, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 169, 139);  
box-shadow:4px 4px 4px 4px rgb(203, 169,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4768, 42.9365, 30.4222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 169, 139) }
```

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

```
.background{ background-color: rgb(203,  
169, 139) }
```

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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