

Converting Colors

XYZ(43.1015, 42.7665, 26.9772)

Have a look what the booklet for
XYZ(43.1015, 42.7665, 26.9772)
contains.

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Color

**XYZ(43.1191, 42.8250,
27.1125)**

Conversions

Conversions Part 1

Format	Color
Hex	CCA982
RGB	204, 169, 130
RGB Percent	80%, 66%, 51%
CMY	0.2000, 0.3372, 0.4902
CMYK	0.00, 0.17, 0.36, 0.20
HSL	32°, 42%, 65%
HSV	32°, 36%, 80%
XYZ	43.1191, 42.8250, 27.1125
YIQ	175.0190, 33.3790, -4.7090

Conversions

Conversions Part 2

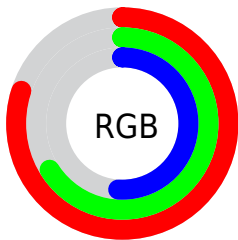
Format	Color
R_{YB}	196, 204, 130
Decimal	13412738
CIE _{Lab}	71.44, 7.31, 24.93
CIE _{LCh}	71, 25.977, 73.653
Yxy	42.8250, 0.3814, 0.3788
Android (android.graphics.Color)	4291602818 (0xFFCCA982)
YUV	175.0190, -22.1944, 25.4163
Hunter-Lab	65.4408, 3.0926, 21.2444

Details

The XYZ color **43.1191, 42.8250, 27.1125** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **33.5598, 36.0146, 62.3096**, and the grayscale version is **40.8575, 42.9852, 46.8109**.

A 20% lighter version of the original color is **76.4429, 77.9902, 55.8244**, and **20.0220, 19.5977, 10.3169** is the 20% darker color. If you saturate the color by 10%, you get **40.1545, 38.8740, 20.0254**, and if you desaturate by 10%, it is **46.4899, 47.1535, 35.6752**.

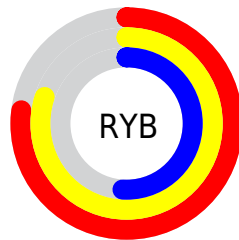
Distribution



Red (80%)

Green (66%)

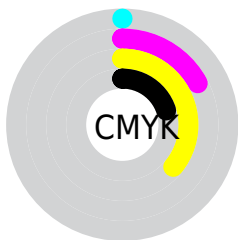
Blue (51%)



Red (77%)

Yellow (80%)

Blue (51%)

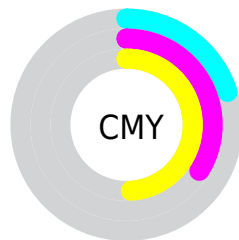


Cyan (0%)

Magenta (17%)

Yellow (36%)

Black (20%)



Cyan (20%)


Magenta (34%)


Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.1191, 42.8250, 27.1125 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 43.1191, 42.8250, 27.1125 by changing the saturation by 10% instead.


 43.1191, 42.8250,
27.1125


 43.1191, 42.8250,
27.1125


350.0146,
357.8916, 301.9788


 30.1735, 29.7478,
17.4245


 79.1451, 79.4467,
56.0703

 20.1190, 19.6473,
10.3725


 102.9563,
103.7600, 76.1772

 12.5904, 12.1389,
5.5378

 131.1200,
132.5876, 100.5941

 7.2221, 6.8383,
2.5019

164.0017,
166.3136, 129.7397

 3.6490, 3.3612,
0.8412

201.9666,
205.3227, 164.0324

 1.5055, 1.3231,
0.0000

245.3801,

 0.3296, 0.1590,

249.9991, 203.8908

0.0000

294.6077,
300.7273, 249.7334

■ 0.0000, 0.0000,
0.0000

■ 43.1191, 42.8250,
27.1125

■ 43.1191, 42.8250,
27.1125

■ 40.1545, 38.8740,
20.0254

■ 46.4899, 47.1535,
35.6752

■ 37.5737, 35.2824,
14.3254

■ 50.2811, 51.8649,
45.7898

■ 35.3572, 32.0391,
9.9186


■ 54.5102, 56.9721,
57.5303


■ 33.4817, 29.1301,
6.6979


■ 59.1926, 62.4853,
70.9652


■ 31.9207, 26.5396,
4.5390


■ 64.3430, 68.4145,
86.1592


 30.6411, 24.2492,
3.2839

 69.9753, 74.7691,
103.1733

 30.2146, 23.4627,
2.9363

 73.1023, 80.3582,
106.2655

 75.9639, 86.0814,
107.2194

 78.7119, 91.5774,
108.1354

Harmonies

Analogous

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



47.1025, 42.8250, 31.8906



43.1191, 42.8250, 27.1125



38.7494, 42.8250, 26.9086

Triad

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



43.1191, 42.8250, 27.1125



33.0605, 42.8250, 52.5534



46.7947, 42.8250, 66.3348

Complementary

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



43.1191, 42.8250, 27.1125



33.5598, 36.0146, 62.3096

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.



42.7230, 42.8250, 74.1942



43.1191, 42.8250, 27.1125



34.9127, 42.8250, 65.3261

Square

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



43.1191, 42.8250, 27.1125



33.1498, 42.8250, 40.1683



38.3806, 42.8250, 73.7951



49.3263, 42.8250, 53.7481

Rectangle

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



43.1191, 42.8250, 27.1125



36.2156, 42.8250, 29.3044



38.3806, 42.8250, 73.7951



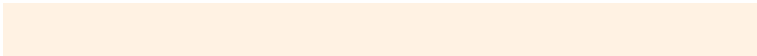
45.5485, 42.8250, 69.7101

Sweetspot

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



43.1202, 42.8270, 27.1134



86.7715, 90.1498, 85.4642



39.7463, 31.5477, 39.9591



18.3680, 19.0482, 17.7259



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.



43.1202, 42.8270, 27.1134



67.2890, 65.4496, 34.9938



50.1874, 57.4614, 29.5656



11.6935, 12.1760, 11.8133



19.1113, 14.9556, 1.8794



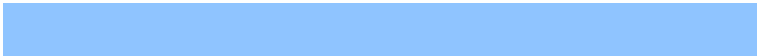
1.0616, 0.9229, 0.1222

Inverse Universe

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



33.5598, 36.0146, 62.3096



49.0517, 52.4590, 102.1480



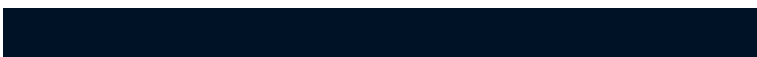
28.2784, 25.1694, 60.4946



11.0320, 11.7043, 14.2481



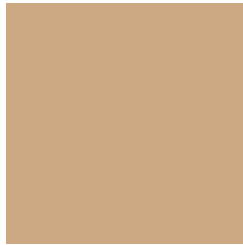
9.6119, 8.2477, 37.0416



0.5717, 0.5771, 1.9362

Previews

White Background



This preview shows how the XYZ color 43.1191, 42.8250, 27.1125 looks on a white background.

Color Contrast Check

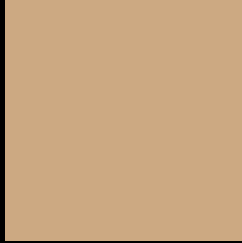
Large Text (above 18pt) WCAG AA × Fail

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 43.1191, 42.8250, 27.1125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

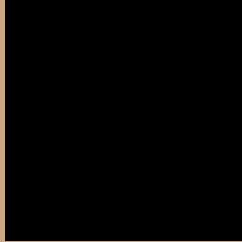
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.1191, 42.8250, 27.1125

Background



This preview shows how black text looks on a background with the XYZ color 43.1191, 42.8250, 27.1125.



This preview shows how white text looks on a background with the XYZ color 43.1191, 42.8250,

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

43.1191, 42.8250, 27.1125

Protanopia

40.0571, 42.9182, 28.3631

Deuteranopia

43.7640, 42.8824, 27.0896



Tritanopia

47.1296, 42.8448, 46.3433

Trichromacy



Original Color

43.1191, 42.8250, 27.1125

Protanomaly

41.1007, 42.8905, 27.9423

Deuteranomaly

43.4855, 42.7388, 27.0766

Tritanomaly

45.4453, 42.6789, 38.6435

Monochromacy



Original Color

43.1191, 42.8250, 27.1125

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.4513, 42.8294, 38.8831

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1191, 42.8250, 27.1125 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, 169, 130)` looks like.

```
.text, #text, p{  
    color:rgb(204, 169, 130)  
}
```

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, 169, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 169, 130) }
```

Border

The CSS property to change the border of an element to XYZ 43.1191, 42.8250, 27.1125 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, 169, 130) }
```


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

```
.border{ border-color:rgb(204, 169, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 169, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 169, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 169, 130);  
box-shadow:4px 4px 4px 4px rgb(204, 169,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1191, 42.8250, 27.1125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 169, 130) }
```

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

```
.background{ background-color: rgb(204,  
169, 130) }
```

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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