

Converting Colors

XYZ(42.9917, 44.3137, 31.6555)

Have a look what the booklet for
XYZ(42.9917, 44.3137, 31.6555)
contains.

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Color

**XYZ(42.9026, 44.3188,
31.4925)**

Conversions

Conversions Part 1

Format	Color
Hex	C4AF8D
RGB	196, 175, 141
RGB Percent	77%, 69%, 55%
CMY	0.2314, 0.3137, 0.4471
CMYK	0.00, 0.11, 0.28, 0.23
HSL	37°, 32%, 66%
HSV	37°, 28%, 77%
XYZ	42.9026, 44.3188, 31.4925
YIQ	177.4030, 23.4300, -6.1220

Conversions

Conversions Part 2

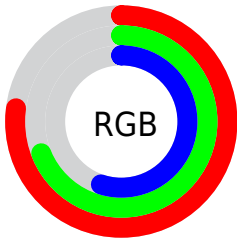
Format	Color
R_{YB}	175, 196, 141
Decimal	12889997
CIE _{Lab}	72.44, 2.34, 20.22
CIE _{LCh}	72, 20.354, 83.412
Yxy	44.3188, 0.3614, 0.3733
Android (android.graphics.Color)	4291080077 (0xFFC4AF8D)
YUV	177.4030, -17.9467, 16.3096
Hunter-Lab	66.5724, -1.4672, 18.5531

Details

The XYZ color **42.9026, 44.3188, 31.4925** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.8683, 35.4878, 57.2893**, and the grayscale version is **42.0857, 44.2774, 48.2181**.

A 20% lighter version of the original color is **78.6552, 81.4164, 63.1991**, and **20.1266, 20.6720, 12.8268** is the 20% darker color. If you saturate the color by 10%, you get **40.1556, 40.9556, 24.0073**, and if you desaturate by 10%, it is **45.9908, 47.9507, 40.3657**.

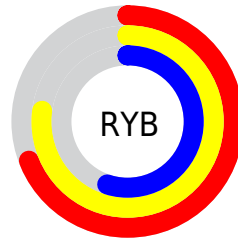
Distribution



Red (77%)

Green (69%)

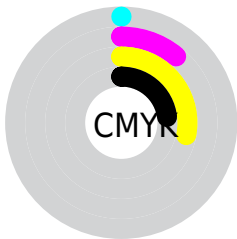
Blue (55%)



Red (69%)

Yellow (77%)

Blue (55%)

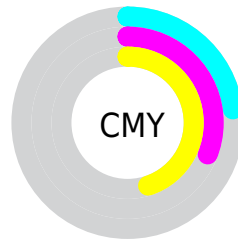


Cyan (0%)

Magenta (11%)

Yellow (28%)

Black (23%)



Cyan (23%)

Magenta (31%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.9026, 44.3188, 31.4925 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 42.9026, 44.3188, 31.4925 by changing the saturation by 10% instead.

■ 42.9026, 44.3188,
31.4925

■ 42.9026, 44.3188,
31.4925

349.1394,
364.0076, 323.2221

■ 30.0029, 30.9212,
20.7126

■ 78.8205, 81.6972,
63.1033

■ 19.9889, 20.5389,
12.7249

■ 102.5694,
106.4469, 84.7712

■ 12.4952, 12.7873,
7.1109

■ 130.6654,
135.7494, 110.9055

■ 7.1564, 7.2823,
3.4520

163.4738,
169.9890, 141.9248

■ 3.6073, 3.6393,
1.3298

201.3601,
209.5503, 178.2475

■ 1.4825, 1.4739,
0.0860

244.6895,

■ 0.3139, 0.2702,

254.8175, 220.2923

0.0000

293.8275,
306.1752, 268.4776

■ 0.0000, 0.0000,
0.0000

■ 42.9026, 44.3188,
31.4925

■ 42.9026, 44.3188,
31.4925

■ 40.1556, 40.9556,
24.0073

■ 45.9908, 47.9507,
40.3657

■ 37.7313, 37.8470,
17.8354

■ 49.4305, 51.8528,
50.6911

■ 35.6148, 34.9864,
12.8989

■ 53.2360, 56.0344,
62.5320

■ 33.7882, 32.3645,
9.1106

■ 57.4194, 60.5021,
75.9471

■ 32.2315, 29.9711,
6.3719

■ 61.9926, 65.2627,
90.9922

■ 30.9213, 27.7945,
4.5670

■ 66.3812, 70.0883,
104.6375

■ 29.8230, 25.8186,
3.5208

■ 68.3879, 74.1017,
105.3064

■ 29.6242, 25.4542,
3.3518

■ 70.4836, 78.2931,
106.0049

■ 72.6694, 82.6647,
106.7335

Harmonies

Analogous

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



46.2748, 44.3188, 34.3435



42.9026, 44.3188, 31.4925



39.4993, 44.3188, 32.6063

Triad

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



42.9026, 44.3188, 31.4925



36.2303, 44.3188, 56.3480



47.7769, 44.3188, 60.7145

Complementary

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



42.9026, 44.3188, 31.4925



33.8683, 35.4878, 57.2893

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.



44.8619, 44.3188, 68.2493



42.9026, 44.3188, 31.4925



38.2285, 44.3188, 65.4936

Square

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



42.9026, 44.3188, 31.4925



35.7702, 44.3188, 46.0723



41.3543, 44.3188, 70.1095



49.1882, 44.3188, 50.5069

Rectangle

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



42.9026, 44.3188, 31.4925



37.6548, 44.3188, 35.5354



41.3543, 44.3188, 70.1095



46.9329, 44.3188, 63.6982

Sweetspot

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



42.9037, 44.3208, 31.4934



89.5035, 93.8867, 91.6992



38.8191, 33.3976, 38.6221



18.9447, 19.8576, 18.9787



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.



42.9037, 44.3208, 31.4934



74.4315, 76.2896, 47.9949



45.6791, 52.2966, 32.8866



10.5800, 11.0915, 10.6451



19.1201, 16.5259, 2.1821



0.8910, 0.8438, 0.1159

Inverse Universe

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



33.8683, 35.4878, 57.2893



55.2416, 57.5362, 102.8018



31.5966, 29.2775, 56.2104



9.8364, 10.3642, 12.7669



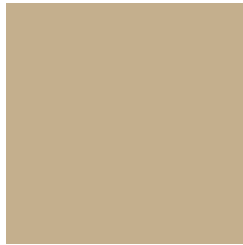
8.0884, 5.9333, 34.2755



0.4162, 0.3897, 1.5032

Previews

White Background



This preview shows how the XYZ color 42.9026, 44.3188, 31.4925 looks on a white background.

Color Contrast Check

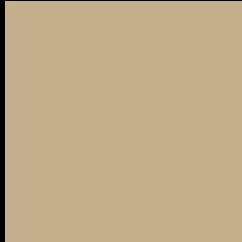
Large Text (above 18pt) WCAG AA × Fail

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 42.9026, 44.3188, 31.4925 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

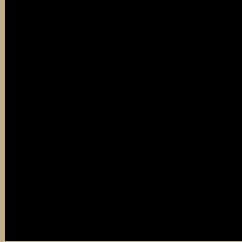
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.9026, 44.3188, 31.4925

Background



This preview shows how black text looks on a background with the XYZ color 42.9026, 44.3188, 31.4925.



This preview shows how white text looks on a background with the XYZ color 42.9026, 44.3188,

31.4925.

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

42.9026, 44.3188, 31.4925

Protanopia

41.5909, 44.2161, 31.9337

Deuteranopia

45.1775, 44.3442, 31.7694



Tritanopia

46.8226, 44.2123, 50.8658

Trichromacy



Original Color

42.9026, 44.3188, 31.4925

Protanomaly

42.1460, 44.2101, 31.9033

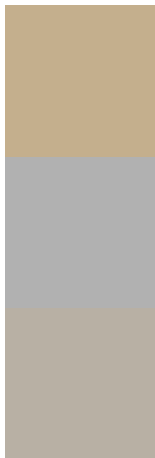
Deuteranomaly

44.2636, 44.1546, 31.7809

Tritanomaly

45.1840, 44.0951, 43.1755

Monochromacy



Original Color

42.9026, 44.3188, 31.4925

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.9933, 43.9214, 41.3863

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.9026, 44.3188, 31.4925 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(196, 175, 141)` looks like.

```
.text, #text, p{  
    color:rgb(196, 175, 141)  
}
```

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(196, 175, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 175, 141) }
```

Border

The CSS property to change the border of an element to XYZ 42.9026, 44.3188, 31.4925 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(196, 175, 141) }
```


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

```
.border{ border-color:rgb(196, 175, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 175, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 175, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 175, 141);  
box-shadow:4px 4px 4px 4px rgb(196, 175,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 42.9026, 44.3188, 31.4925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 175, 141) }
```

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

```
.background{ background-color: rgb(196,  
175, 141) }
```

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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