

Converting Colors

XYZ(42.0922, 42.8308, 28.2421)

Have a look what the booklet for
XYZ(42.0922, 42.8308, 28.2421)
contains.

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Color

**XYZ(42.0853, 42.8250,
28.2382)**

Conversions

Conversions Part 1

Format	Color
Hex	C6AB85
RGB	198, 171, 133
RGB Percent	78%, 67%, 52%
CMY	0.2235, 0.3294, 0.4784
CMYK	0.00, 0.14, 0.33, 0.22
HSL	35°, 36%, 65%
HSV	35°, 33%, 78%
XYZ	42.0853, 42.8250, 28.2382
YIQ	174.7410, 28.2900, -6.0940

Conversions

Conversions Part 2

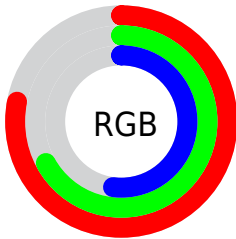
Format	Color
RYB	179, 198, 133
Decimal	13020037
CIELab	71.44, 4.22, 23.21
CIELCh	71, 23.589, 79.704
Yxy	42.8250, 0.3719, 0.3785
Android (android.graphics.Color)	4291210117 (0xFFC6AB85)
YUV	174.7410, -20.5783, 20.3981
Hunter-Lab	65.4408, 0.2728, 20.2245

Details

The XYZ color **42.0853, 42.8250, 28.2382** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **32.4365, 34.2045, 58.3189**, and the grayscale version is **40.7073, 42.8272, 46.6389**.

A 20% lighter version of the original color is **77.2993, 79.1979, 57.6670**, and **19.4859, 19.6578, 10.9509** is the 20% darker color. If you saturate the color by 10%, you get **39.3392, 39.3194, 21.1983**, and if you desaturate by 10%, it is **45.1881, 46.6310, 36.6701**.

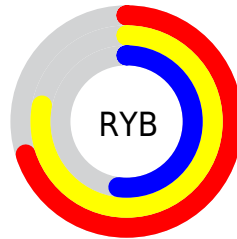
Distribution



Red (78%)

Green (67%)

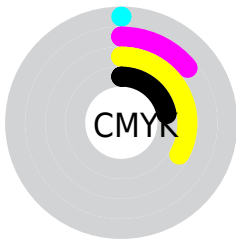
Blue (52%)



Red (70%)

Yellow (78%)

Blue (52%)

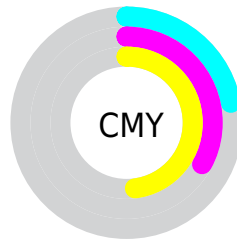


Cyan (0%)

Magenta (14%)

Yellow (33%)

Black (22%)



Cyan (22%)


Magenta (33%)

Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.0853, 42.8250, 28.2382 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 42.0853, 42.8250, 28.2382 by changing the saturation by 10% instead.


 42.0853, 42.8250,
28.2382


 42.0853, 42.8250,
28.2382


345.8220,
357.8916, 307.5511

 29.3595, 29.7478,
18.2647


 77.5931, 79.4467,
57.8922

 19.4986, 19.6473,
10.9688


 101.1057,
103.7600, 78.4097

 12.1372, 12.1389,
5.9319

 128.9447,
132.5876, 103.2791

 6.9101, 6.8383,
2.7356

161.4754,
166.3136, 132.9187

 3.4518, 3.3612,
0.9613

199.0631,
205.3227, 167.7472

 1.3969, 1.3231,
0.0000

242.0732,

 0.2540, 0.1590,

249.9991, 208.1830

0.0000

290.8711,
300.7273, 254.6448

■ 0.0000, 0.0000,
0.0000

■ 42.0853, 42.8250,
28.2382

■ 42.0853, 42.8250,
28.2382

■ 39.3392, 39.3194,
21.1983

■ 45.1881, 46.6310,
36.6701

■ 36.9304, 36.0991,
15.4708

■ 48.6595, 50.7402,
46.5625

■ 34.8420, 33.1559,
10.9717

■ 52.5146, 55.1629,
57.9825

■ 33.0545, 30.4792,
7.6065

■ 56.7667, 59.9070,
70.9921

■ 31.5453, 28.0567,
5.2663

■ 61.4286, 64.9801,
85.6500

■ 30.2878, 25.8748,
3.8207

■ 66.5121, 70.3895,
102.0118

■ 29.5073, 24.4428,
3.1627

■ 69.2390, 75.0262,
105.4400

■ 71.5629, 79.6740,
106.2146

■ 73.9960, 84.5402,
107.0256

Harmonies

Analogous

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



45.8497, 42.8250, 31.8474



42.0853, 42.8250, 28.2382



38.1810, 42.8250, 28.9085

Triad

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



42.0853, 42.8250, 28.2382



33.9241, 42.8250, 54.4054



46.8160, 42.8250, 62.2665

Complementary

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



42.0853, 42.8250, 28.2382



32.4365, 34.2045, 58.3189

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.



43.3355, 42.8250, 70.4212



42.0853, 42.8250, 28.2382



35.9583, 42.8250, 65.3958

Square

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



42.0853, 42.8250, 28.2382



33.6376, 42.8250, 42.8252



39.3530, 42.8250, 71.6514



48.6964, 42.8250, 50.6519

Rectangle

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



42.0853, 42.8250, 28.2382



36.0140, 42.8250, 31.7347



39.3530, 42.8250, 71.6514



45.7842, 42.8250, 65.5782

Sweetspot

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



42.0864, 42.8270, 28.2391



87.9268, 91.8930, 87.5982



38.0291, 31.3223, 37.3379



18.6179, 19.4350, 18.1577



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.



42.0864, 42.8270, 28.2391



71.1724, 71.5845, 41.3191



46.3143, 53.3647, 30.0502



11.1404, 11.6500, 11.2243



19.2753, 16.0678, 2.0855



0.9830, 0.9014, 0.1222

Inverse Universe

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



32.4365, 34.2045, 58.3189



51.6065, 54.1093, 102.3319



29.1314, 26.2917, 56.9658



10.4125, 10.9991, 13.4917



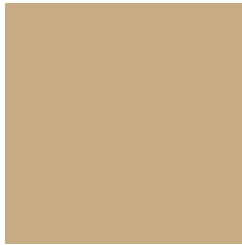
8.6827, 6.7593, 35.5914



0.4823, 0.4623, 1.7090

Previews

White Background



This preview shows how the XYZ color 42.0853, 42.8250, 28.2382 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 42.0853, 42.8250, 28.2382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

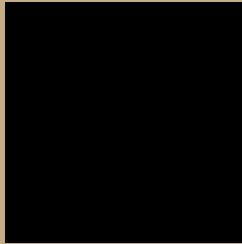
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.0853, 42.8250, 28.2382

Background



This preview shows how black text looks on a background with the XYZ color 42.0853, 42.8250, 28.2382.



This preview shows how white text looks on a background with the XYZ color 42.0853, 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

42.0853, 42.8250, 28.2382

Protanopia

40.1967, 42.9740, 29.0979

Deuteranopia

43.7593, 42.8483, 28.5184



Tritanopia

46.1196, 42.8211, 47.9540

Trichromacy



Original Color

42.0853, 42.8250, 28.2382

Protanomaly

40.9250, 43.0697, 28.7106

Deuteranomaly

43.1196, 42.7937, 28.5416

Tritanomaly

44.4277, 42.6636, 40.0757

Monochromacy



Original Color

42.0853, 42.8250, 28.2382

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.0097, 42.8774, 39.3724

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.0853, 42.8250, 28.2382 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(198, 171, 133)` looks like.

```
.text, #text, p{  
    color:rgb(198, 171, 133)  
}
```

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(198, 171, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 171, 133) }
```

Border

The CSS property to change the border of an element to XYZ 42.0853, 42.8250, 28.2382 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(198, 171, 133) }
```


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

```
.border{ border-color:rgb(198, 171, 133) }
```

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

Here you see how a box with a 4 pixel rgb(198, 171, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 171, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 171, 133);  
box-shadow:4px 4px 4px 4px rgb(198, 171,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 42.0853, 42.8250, 28.2382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 171, 133) }
```

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

```
.background{ background-color: rgb(198,  
171, 133) }
```

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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