

Converting Colors

XYZ(42.2609, 46.4097, 28.7765)

Have a look what the booklet for
XYZ(42.2609, 46.4097, 28.7765)
contains.

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Color

**XYZ(42.4023, 46.5076,
28.9323)**

Conversions

Conversions Part 1

Format	Color
Hex	BEB785
RGB	190, 183, 133
RGB Percent	75%, 72%, 52%
CMY	0.2549, 0.2823, 0.4784
CMYK	0.00, 0.04, 0.30, 0.25
HSL	53°, 30%, 63%
HSV	53°, 30%, 75%
XYZ	42.4023, 46.5076, 28.9323
YIQ	179.3930, 20.2220, -14.0660

Conversions

Conversions Part 2

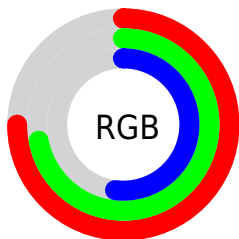
Format	Color
RYB	141, 190, 133
Decimal	12498821
CIELab	73.87, -5.34, 26.38
CIELCh	74, 26.910, 101.438
Yxy	46.5076, 0.3598, 0.3947
Android (android.graphics.Color)	4290688901 (0xFFBEB785)
YUV	179.3930, -22.8717, 9.3023
Hunter-Lab	68.1965, -8.3585, 22.5838

Details

The XYZ color **42.4023, 46.5076, 28.9323** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **28.3450, 27.4596, 52.5215**, and the grayscale version is **43.1692, 45.4174, 49.4595**.

A 20% lighter version of the original color is **78.0872, 85.0523, 58.7555**, and **19.6973, 21.8240, 11.3579** is the 20% darker color. If you saturate the color by 10%, you get **40.7301, 45.0771, 22.4741**, and if you desaturate by 10%, it is **44.3223, 48.0532, 36.6456**.

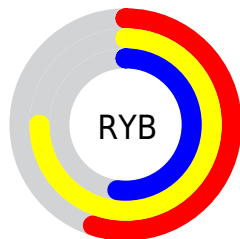
Distribution



Red (75%)

Green (72%)

Blue (52%)



Red (55%)

Yellow (75%)

Blue (52%)

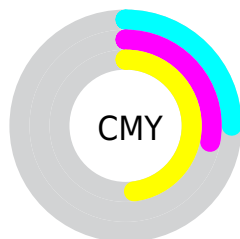


Cyan (0%)

Magenta (4%)

Yellow (30%)

Black (25%)



Cyan (25%)

Magenta (28%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.4023, 46.5076, 28.9323 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 42.4023, 46.5076, 28.9323 by changing the saturation by 10% instead.

■ 42.4023, 46.5076,
28.9323

■ 42.4023, 46.5076,
28.9323

347.1112,
372.8456, 310.9463

■ 29.6089, 32.6466,
18.7845

■ 78.0695, 84.9782,
59.0104

■ 19.6885, 21.8558,
11.3394

■ 101.6740,
110.3565, 79.7778

■ 12.2758, 13.7510,
6.1786

■ 129.6129,
140.3427, 104.9221

■ 7.0053, 7.9477,
2.8834

162.2516,
175.3211, 134.8618

■ 3.5118, 4.0615,
1.0354

199.9554,
215.6763, 170.0156

■ 1.4298, 1.7080,
0.0000

243.0897,

■ 0.2773, 0.4288,

261.7925, 210.8019

0.0000

292.0199,
314.0541, 257.6393

0.0000, 0.0000,
0.0000

42.4023, 46.5076,
28.9323

42.4023, 46.5076,
28.9323

40.7301, 45.0771,
22.4741

44.3223, 48.0532,
36.6456

39.2893, 43.7503,
17.2008

46.4985, 49.7124,
45.6736

38.0670, 42.5235,
13.0393

48.9432, 51.4919,
56.0755

37.0477, 41.3905,
9.9076

51.6666, 53.3959,
67.9060

36.2135, 40.3440,
7.7124

54.6789, 55.4283,
81.2169

■ 35.5435, 39.3756,
6.3431

■ 57.9892, 57.5931,
96.0573

■ 34.9959, 38.4686,
5.5807

■ 59.7840, 59.1647,
102.8767

■ 34.9959, 38.4685,
5.5807

■ 60.3258, 60.2483,
103.0573

■ 60.8758, 61.3484,
103.2407

Harmonies

Analogous

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



47.2018, 46.5076, 29.5204



42.4023, 46.5076, 28.9323



38.3835, 46.5076, 33.3240

Triad

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



42.4023, 46.5076, 28.9323



37.6516, 46.5076, 70.1826



53.5245, 46.5076, 59.5099

Complementary

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



42.4023, 46.5076, 28.9323



28.3450, 27.4596, 52.5215

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.



50.5852, 46.5076, 73.1035



42.4023, 46.5076, 28.9323



41.3360, 46.5076, 79.9920

Square

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



42.4023, 46.5076, 28.9323



35.7759, 46.5076, 56.0530



46.0562, 46.5076, 81.1483



53.8617, 46.5076, 45.5851

Rectangle

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



42.4023, 46.5076, 28.9323



36.5968, 46.5076, 39.0437



46.0562, 46.5076, 81.1483



52.7986, 46.5076, 64.3287

Sweetspot

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



42.4035, 46.5097, 28.9333



84.6210, 90.3529, 84.2773



34.4011, 29.6339, 28.9509



18.4464, 19.7398, 17.9362



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



42.4035, 46.5097, 28.9333



74.7962, 82.5512, 44.4769



39.0310, 46.9666, 29.1992



10.2196, 10.9152, 10.1449



23.3091, 25.6570, 3.7238



0.9415, 1.0619, 0.1553

Inverse Universe

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



28.3450, 27.4596, 52.5215



45.2342, 42.4993, 94.0982



30.9896, 27.3535, 52.3616



9.1083, 9.4090, 12.0083



6.4199, 2.9515, 32.6242



0.2828, 0.1784, 1.2884

Previews

White Background



This preview shows how the XYZ color 42.4023, 46.5076, 28.9323 looks on a white background.

Color Contrast Check

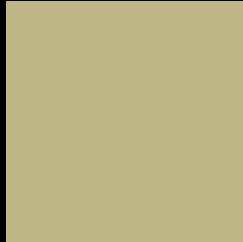
Large Text (above 18pt) WCAG AA × Fail

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 42.4023, 46.5076, 28.9323 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 42.4023, 46.5076, 28.9323

Background



This preview shows how black text looks on a background with the XYZ color 42.4023, 46.5076, 28.9323.



This preview shows how white text looks on a background with the XYZ color 42.4023, 46.5076,

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

42.4023, 46.5076, 28.9323

Protanopia

43.1944, 46.3158, 28.4930

Deuteranopia

47.2408, 46.3175, 29.3720



Tritanopia

47.7366, 46.5951, 54.6219

Trichromacy



Original Color

42.4023, 46.5076, 28.9323

Protanomaly

42.8851, 46.4593, 28.5370

Deuteranomaly

45.2021, 46.1446, 29.0787

Tritanomaly

45.5297, 46.5741, 44.1261

Monochromacy



Original Color

42.4023, 46.5076, 28.9323

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

42.3713, 45.3184, 40.6965

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.4023, 46.5076, 28.9323 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(190, 183, 133)` looks like.

```
.text, #text, p{  
    color:rgb(190, 183, 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(190, 183, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 183, 133) }
```

Border

The CSS property to change the border of an element to XYZ 42.4023, 46.5076, 28.9323 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(190, 183, 133) }
```


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

```
.border{ border-color:rgb(190, 183, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 183, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 183, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 183, 133);  
box-shadow:4px 4px 4px 4px rgb(190, 183,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 42.4023, 46.5076, 28.9323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 183, 133) }
```

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

```
.background{ background-color: rgb(190,  
183, 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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