

Converting Colors

XYZ(40.4422, 43.1006, 29.1094)

Have a look what the booklet for
XYZ(40.4422, 43.1006, 29.1094)
contains.

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Color

**XYZ(40.4422, 43.1006,
29.1094)**

Conversions

Conversions Part 1

Format	Color
Hex	BCAF87
RGB	188, 175, 135
RGB Percent	74%, 69%, 53%
CMY	0.2627, 0.3137, 0.4706
CMYK	0.00, 0.07, 0.28, 0.26
HSL	45°, 28%, 63%
HSV	45°, 28%, 74%
XYZ	40.4422, 43.1006, 29.1094
YIQ	174.3270, 20.5880, -9.6840

Conversions

Conversions Part 2

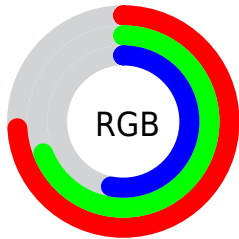
Format	Color
RYB	152, 188, 135
Decimal	12365703
CIELab	71.62, -1.62, 22.23
CIELCh	72, 22.292, 94.157
Yxy	43.1006, 0.3590, 0.3826
Android (android.graphics.Color)	4290555783 (0xFFBCAF87)
YUV	174.3270, -19.3882, 11.9912
Hunter-Lab	65.6510, -4.9302, 19.6668

Details

The XYZ color **40.4422, 43.1006, 29.1094** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **29.6585, 29.9608, 51.7969**, and the grayscale version is **40.4904, 42.5991, 46.3904**.

A 20% lighter version of the original color is **75.0301, 79.6369, 58.9939**, and **18.5542, 19.8901, 11.4556** is the 20% darker color. If you saturate the color by 10%, you get **38.3521, 40.8548, 22.4489**, and if you desaturate by 10%, it is **42.7989, 45.5050, 37.0129**.

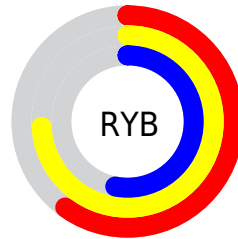
Distribution



Red (74%)

Green (69%)

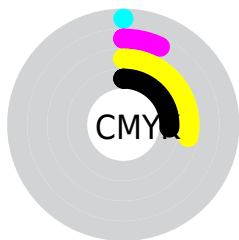
Blue (53%)



Red (60%)

Yellow (74%)

Blue (53%)

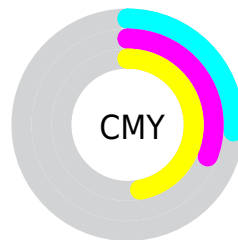


Cyan (0%)

Magenta (7%)

Yellow (28%)

Black (26%)



Cyan (26%)


Magenta (31%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.4422, 43.1006, 29.1094 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 40.4422, 43.1006, 29.1094 by changing the saturation by 10% instead.

 40.4422, 43.1006,
29.1094


 40.4422, 43.1006,
29.1094


339.0864,
359.0253, 311.8079


 28.0692, 29.9641,
18.9173


 75.1165, 79.8626,
59.2951

 18.5186, 19.8113,
11.4343


 98.1485, 104.2569,
80.1258

 11.4249, 12.2580,
6.2419


 125.4643,
133.1726, 105.3398

 6.4228, 6.9196,
2.9216

157.4291,
166.9940, 135.3556

 3.1469, 3.4119,
1.0547

194.4084,
206.1056, 170.5918

 1.2319, 1.3504,
0.0000

236.7674,

 0.1313, 0.1797,

250.8918, 211.4668

0.0000

284.8717,
301.7369, 258.3994

■ 0.0000, 0.0000,
0.0000

■ 40.4422, 43.1006,
29.1094

■ 40.4422, 43.1006,
29.1094

■ 38.3521, 40.8548,
22.4489

■ 42.7989, 45.5050,
37.0129

■ 36.5128, 38.7564,
16.9640

■ 45.4306, 48.0675,
46.2169

■ 34.9115, 36.8012,
12.5846

■ 48.3493, 50.7946,
56.7784

■ 33.5331, 34.9828,
9.2325

■ 51.5654, 53.6912,
68.7503

■ 32.3604, 33.2936,
6.8187

■ 55.0886, 56.7615,
82.1826

■ 31.3735, 31.7253,
5.2393

■ 58.9282, 60.0096,
97.1229

■ 30.5406, 30.2647,
4.3297

■ 61.1683, 62.6697,
103.4803

■ 30.3975, 30.0083,
4.1901

■ 62.3034, 64.9401,
103.8587

■ 63.4715, 67.2762,
104.2480

Harmonies

Analogous

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



44.2098, 43.1006, 30.6056



40.4422, 43.1006, 29.1094



37.0266, 43.1006, 31.7522

Triad

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



40.4422, 43.1006, 29.1094



35.2518, 43.1006, 59.5863



47.8471, 43.1006, 56.5796

Complementary

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



40.4422, 43.1006, 29.1094



29.6585, 29.9608, 51.7969

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.



45.1750, 43.1006, 66.3043



40.4422, 43.1006, 29.1094



37.8846, 43.1006, 68.2187

Square

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



40.4422, 43.1006, 29.1094



34.1487, 43.1006, 48.4515



41.4940, 43.1006, 70.8476



48.6347, 43.1006, 45.4392

Rectangle

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



40.4422, 43.1006, 29.1094



35.3626, 43.1006, 35.7855



41.4940, 43.1006, 70.8476



47.1317, 43.1006, 60.1751

Sweetspot

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



40.4433, 43.1026, 29.1103



82.3660, 87.1435, 83.8680



34.7685, 30.1659, 32.1115



17.5504, 18.5849, 17.4598



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



40.4433, 43.1026, 29.1103



70.8306, 75.4917, 44.8196



39.9798, 46.8010, 29.8486



10.1187, 10.7134, 10.1112



20.7568, 20.5524, 2.8730



0.8614, 0.9018, 0.1287

Inverse Universe

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



29.6585, 29.9608, 51.7969



47.9868, 47.6629, 92.8969



29.9996, 27.2786, 51.2613



9.2014, 9.5952, 12.0393



6.8980, 3.9078, 32.7836



0.3235, 0.2597, 1.3019

Previews

White Background



This preview shows how the XYZ color 40.4422, 43.1006, 29.1094 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 40.4422, 43.1006, 29.1094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

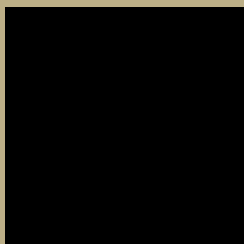
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

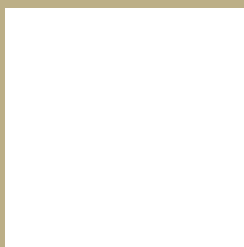
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.4422, 43.1006, 29.1094

Background



This preview shows how black text looks on a background with the XYZ color 40.4422, 43.1006, 29.1094.



This preview shows how white text looks on a background with the XYZ color 40.4422, 43.1006,

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

40.4422, 43.1006, 29.1094

Protanopia

40.1967, 42.9740, 29.0979

Deuteranopia

43.9002, 42.9046, 29.2602



Tritanopia

44.8796, 43.2227, 50.2334

Trichromacy



Original Color

40.4422, 43.1006, 29.1094

Protanomaly

40.1967, 42.9740, 29.0979

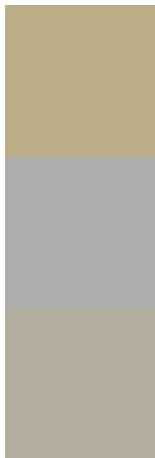
Deuteranomaly

42.5600, 43.0455, 29.3580

Tritanomaly

43.0927, 43.0489, 41.6354

Monochromacy



Original Color

40.4422, 43.1006, 29.1094

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.0716, 42.3939, 39.3285

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.4422, 43.1006, 29.1094 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(188, 175, 135)` looks like.

```
.text, #text, p{  
    color:rgb(188, 175, 135)  
}
```

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(188, 175, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 175, 135) }
```

Border

The CSS property to change the border of an element to XYZ 40.4422, 43.1006, 29.1094 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(188, 175, 135) }
```


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

```
.border{ border-color:rgb(188, 175, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 175, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 175, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 175, 135);  
box-shadow:4px 4px 4px 4px rgb(188, 175,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 40.4422, 43.1006, 29.1094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 175, 135) }
```

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

```
.background{ background-color: rgb(188,  
175, 135) }
```

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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