

Converting Colors

XYZ(43.7940, 43.1023, 32.2801)

Have a look what the booklet for
XYZ(43.7940, 43.1023, 32.2801)
contains.

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Color

**XYZ(43.8506, 43.0861,
32.3908)**

Conversions

Conversions Part 1

Format	Color
Hex	CBA990
RGB	203, 169, 144
RGB Percent	80%, 66%, 56%
CMY	0.2039, 0.3372, 0.4353
CMYK	0.00, 0.17, 0.29, 0.20
HSL	25°, 36%, 68%
HSV	25°, 29%, 80%
XYZ	43.8506, 43.0861, 32.3908
YIQ	176.3160, 28.2890, -0.5670

Conversions

Conversions Part 2

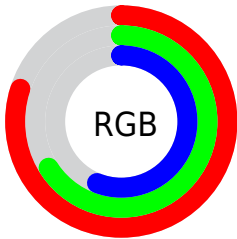
Format	Color
R _Y B	203, 187, 144
Decimal	13347216
CIE Lab	71.61, 8.71, 17.55
CIE LCh	72, 19.588, 63.607
Yxy	43.0861, 0.3675, 0.3611
Android (android.graphics.Color)	4291537296 (0xFFCBA990)
YUV	176.3160, -15.9318, 23.4019
Hunter-Lab	65.6400, 4.3764, 16.6907

Details

The XYZ color **43.8506, 43.0861, 32.3908** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.2010, 42.0805, 62.6089**, and the grayscale version is **41.5030, 43.6643, 47.5505**.

A 20% lighter version of the original color is **78.0887, 78.6485, 64.4910**, and **20.5944, 19.8266, 13.3312** is the 20% darker color. If you saturate the color by 10%, you get **40.3571, 38.3627, 24.2476**, and if you desaturate by 10%, it is **47.8201, 48.3145, 42.0700**.

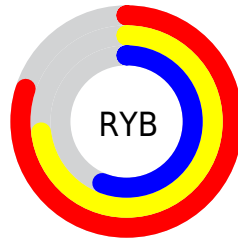
Distribution



Red (80%)

Green (66%)

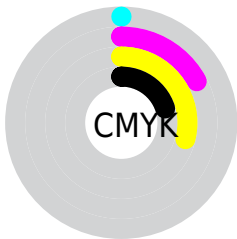
Blue (56%)



Red (80%)

Yellow (73%)

Blue (56%)

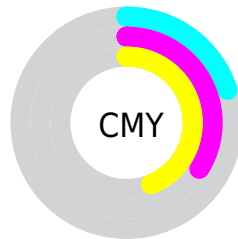


Cyan (0%)

Magenta (17%)

Yellow (29%)

Black (20%)



Cyan (20%)


Magenta (34%)


Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.8506, 43.0861, 32.3908 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 43.8506, 43.0861, 32.3908 by changing the saturation by 10% instead.


 43.8506, 43.0861,
32.3908


 43.8506, 43.0861,
32.3908


352.9608,
358.9657, 327.4431

 30.7505, 29.9527,
21.3929


 80.2406, 79.8408,
64.5282

 20.5598, 19.8027,
13.2175


 104.2612,
104.2308, 86.5049

 12.9132, 12.2517,
7.4460


132.6527,
133.1418, 112.9781

 7.4454, 6.9153,
3.6599

165.7805,
166.9583, 144.3666

 3.7910, 3.4092,
1.4407

204.0098,
206.0645, 181.0888

 1.5846, 1.3489,
0.1731

247.7060,

 0.3823, 0.1786,

250.8449, 223.5632

0.0000

297.2346,
301.6838, 272.2085

■ 0.0000, 0.0000,
0.0000

■ 43.8506, 43.0861,
32.3908

■ 43.8506, 43.0861,
32.3908

■ 40.3571, 38.3627,
24.2476

■ 47.8201, 48.3145,
42.0700

■ 37.3161, 34.1221,
17.5573

■ 52.2809, 54.0572,
53.3572

■ 34.7072, 30.3493,
12.2329

■ 57.2518, 60.3307,
66.3227

■ 32.5066, 27.0259,
8.1768

■ 62.7494, 67.1492,
81.0321

■ 30.6879, 24.1320,
5.2783

■ 68.7898, 74.5259,
97.5474

■ 29.2206, 21.6457,
3.4072

■ 73.5996, 81.7584,
106.5096

■ 28.0576, 19.5378,
2.3470

■ 77.1392, 88.8376,
107.6894

■ 27.9590, 19.3573,
2.2627

■ 78.4386, 91.4365,
108.1226

Harmonies

Analogous

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



46.4920, 43.0861, 37.5196



43.8506, 43.0861, 32.3908



40.5524, 43.0861, 30.9548

Triad

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



43.8506, 43.0861, 32.3908



34.9157, 43.0861, 48.0710



44.5814, 43.0861, 63.8140

Complementary

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



43.8506, 43.0861, 32.3908



38.2010, 42.0805, 62.6089

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.



41.3543, 43.0861, 67.5866



43.8506, 43.0861, 32.3908



35.8707, 43.0861, 57.7573

Square

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



43.8506, 43.0861, 32.3908



35.5049, 43.0861, 39.2594



38.1841, 43.0861, 65.2340



46.9296, 43.0861, 55.5028

Rectangle

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



43.8506, 43.0861, 32.3908



38.4527, 43.0861, 32.0987



38.1841, 43.0861, 65.2340



43.5574, 43.0861, 65.7023

Sweetspot

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



43.8517, 43.0881, 32.3917



87.4982, 90.4602, 89.2301



42.6799, 35.8746, 47.0145



18.4813, 19.0471, 18.4657



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.



43.8517, 43.0881, 32.3917



69.5919, 66.9878, 45.2183



49.8760, 55.1366, 34.3998



11.5966, 11.9822, 11.7810



17.8791, 12.4911, 1.4687



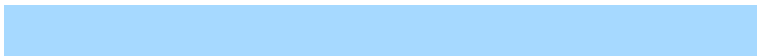
0.9970, 0.7937, 0.1006

Inverse Universe

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



38.2010, 42.0805, 62.6089



58.5816, 65.0162, 104.0695



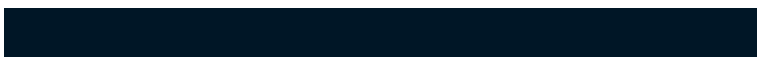
33.0158, 31.7101, 60.8805



11.1295, 11.8994, 14.2806



10.9978, 11.0196, 37.5036



0.6416, 0.7169, 1.9595

Previews

White Background



This preview shows how the XYZ color 43.8506, 43.0861, 32.3908 looks on a white background.

Color Contrast Check

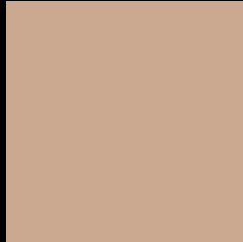
Large Text (above 18pt) WCAG AA × Fail

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 43.8506, 43.0861, 32.3908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

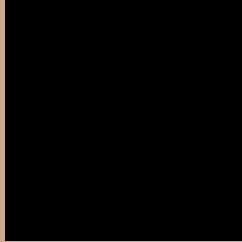
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.8506, 43.0861, 32.3908

Background



This preview shows how black text looks on a background with the XYZ color 43.8506, 43.0861, 32.3908.



This preview shows how white text looks on a background with the XYZ color 43.8506, 43.0861,

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

43.8506, 43.0861, 32.3908

Protanopia

40.6040, 43.0808, 33.7791

Deuteranopia

44.1238, 43.2269, 32.4036



Tritanopia

46.9434, 42.9906, 47.4188

Trichromacy



Original Color

43.8506, 43.0861, 32.3908

Protanomaly

41.8701, 43.1689, 33.3198

Deuteranomaly

44.1238, 43.2269, 32.4036

Tritanomaly

45.8813, 43.1109, 41.5003

Monochromacy



Original Color

43.8506, 43.0861, 32.3908

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.8941, 43.0066, 41.2150

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8506, 43.0861, 32.3908 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(203, 169, 144)` looks like.

```
.text, #text, p{  
    color:rgb(203, 169, 144)  
}
```

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(203, 169, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 169, 144) }
```

Border

The CSS property to change the border of an element to XYZ 43.8506, 43.0861, 32.3908 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(203, 169, 144) }
```


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

```
.border{ border-color:rgb(203, 169, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 169, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(203, 169, 144); -webkit-box-shadow:4px 4px 4px 4px rgb(203, 169, 144); box-shadow:4px 4px 4px 4px rgb(203, 169, 144) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8506, 43.0861, 32.3908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 169, 144) }
```

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

```
.background{ background-color: rgb(203,  
169, 144) }
```

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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