

Converting Colors

XYZ(43.1011, 46.2571, 35.9353)

Have a look what the booklet for
XYZ(43.1011, 46.2571, 35.9353)
contains.

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Color

**XYZ(43.3001, 46.5091,
35.9731)**

Conversions

Conversions Part 1

Format	Color
Hex	BDB697
RGB	189, 182, 151
RGB Percent	74%, 71%, 59%
CMY	0.2588, 0.2863, 0.4078
CMYK	0.00, 0.04, 0.20, 0.26
HSL	49°, 22%, 67%
HSV	49°, 20%, 74%
XYZ	43.3001, 46.5091, 35.9731
YIQ	180.5590, 14.1230, -8.1570

Conversions

Conversions Part 2

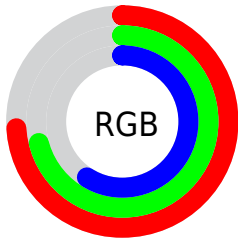
Format	Color
R_{YB}	160, 189, 151
Decimal	12433047
CIE _{Lab}	73.87, -2.66, 16.69
CIE _{LCh}	74, 16.905, 99.063
Yxy	46.5091, 0.3442, 0.3698
Android (android.graphics.Color)	4290623127 (0xFFBDB697)
YUV	180.5590, -14.5726, 7.4028
Hunter-Lab	68.1976, -6.0123, 16.4638

Details

The XYZ color **43.3001, 46.5091, 35.9731** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **34.1744, 34.7062, 53.0421**, and the grayscale version is **43.7547, 46.0334, 50.1304**.

A 20% lighter version of the original color is **79.6000, 85.1497, 69.9978**, and **20.1422, 21.7715, 15.1973** is the 20% darker color. If you saturate the color by 10%, you get **41.1833, 44.5379, 28.2923**, and if you desaturate by 10%, it is **45.6832, 48.6183, 44.9579**.

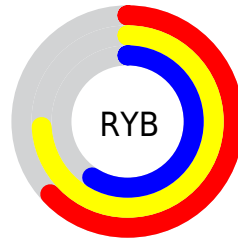
Distribution



Red (74%)

Green (71%)

Blue (59%)



Red (63%)

Yellow (74%)

Blue (59%)

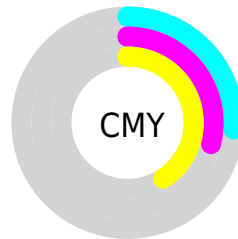


Cyan (0%)

Magenta (4%)

Yellow (20%)

Black (26%)



Cyan (26%)


Magenta (29%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.3001, 46.5091, 35.9731 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 43.3001, 46.5091, 35.9731 by changing the saturation by 10% instead.


 43.3001, 46.5091,
35.9731


 43.3001, 46.5091,
35.9731


350.7451,
372.8516, 343.8768

 30.3162, 32.6477,
24.1239

 79.4164, 84.9804,
70.1591

 20.2280, 21.8567,
15.2125


 103.2795,
110.3591, 93.3330

 12.6701, 13.7517,
8.8204


131.4998,
140.3458, 121.1189

 7.2772, 7.9482,
4.5290

164.4425,
175.3248, 153.9353

 3.6839, 4.0618,
1.9198

202.4730,
215.6804, 192.2007

 1.5249, 1.7082,
0.5053

245.9567,

 0.3427, 0.4289,

261.7972, 236.3338

0.0000

295.2590,
314.0595, 286.7529

■ 0.0000, 0.0000,
0.0000

■ 43.3001, 46.5091,
35.9731

■ 43.3001, 46.5091,
35.9731

■ 41.1833, 44.5379,
28.2923

■ 45.6832, 48.6183,
44.9579

■ 39.3173, 42.6935,
21.8507

■ 48.3399, 50.8639,
55.3011

■ 37.6905, 40.9728,
16.5827

■ 51.2819, 53.2524,
67.0580

■ 36.2889, 39.3699,
12.4154

■ 54.5190, 55.7878,
80.2797

■ 35.0970, 37.8783,
9.2674

■ 58.0605, 58.4742,
95.0147

■ 34.0971, 36.4909,
7.0465

■ 60.3643, 60.6947,
103.1415

■ 33.2684, 35.1990,
5.6435

■ 61.1946, 62.3554,
103.4182

■ 32.5760, 33.9982,
4.8454

■ 62.0435, 64.0532,
103.7012

■ 62.9111, 65.7883,
103.9904

Harmonies

Analogous

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



46.3059, 46.5091, 36.6842



43.3001, 46.5091, 35.9731



40.6578, 46.5091, 38.8307

Triad

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



43.3001, 46.5091, 35.9731



39.8625, 46.5091, 61.8199



49.8340, 46.5091, 56.7970

Complementary

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



43.3001, 46.5091, 35.9731



34.1744, 34.7062, 53.0421

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.



47.9538, 46.5091, 64.6306



43.3001, 46.5091, 35.9731



42.1696, 46.5091, 67.7515

Square

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



43.3001, 46.5091, 35.9731



38.7332, 46.5091, 53.2965



45.1234, 46.5091, 68.8346



50.1704, 46.5091, 48.0742

Rectangle

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



43.3001, 46.5091, 35.9731



39.4250, 46.5091, 42.5888



45.1234, 46.5091, 68.8346



49.3576, 46.5091, 59.6480

Sweetspot

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



43.3013, 46.5112, 35.9741



83.6658, 88.6574, 87.6483



38.2766, 35.4419, 37.4433



17.9263, 19.0096, 18.5939



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.



43.3013, 46.5112, 35.9741



75.8727, 81.7603, 58.2635



42.0523, 48.0475, 36.3365



10.1689, 10.8137, 10.1279



21.9698, 22.9783, 3.2773



0.9000, 0.9790, 0.1415

Inverse Universe

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



34.1744, 34.7062, 53.0421



56.6476, 56.8962, 94.2226



35.2341, 33.5313, 52.7594



9.1548, 9.5019, 12.0238



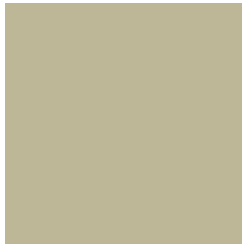
6.6221, 3.3560, 32.6916



0.3032, 0.2191, 1.2952

Previews

White Background



This preview shows how the XYZ color 43.3001, 46.5091, 35.9731 looks on a white background.

Color Contrast Check

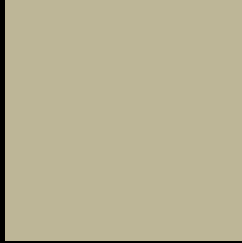
Large Text (above 18pt) WCAG AA × Fail

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 43.3001, 46.5091, 35.9731 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

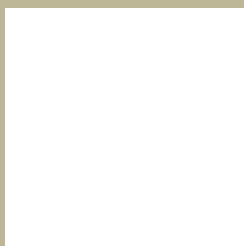
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.3001, 46.5091, 35.9731

Background



This preview shows how black text looks on a background with the XYZ color 43.3001, 46.5091, 35.9731.



This preview shows how white text looks on a background with the XYZ color 43.3001, 46.5091,

35.9731.

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

43.3001, 46.5091, 35.9731

Protanopia

43.8480, 46.4886, 35.9403

Deuteranopia

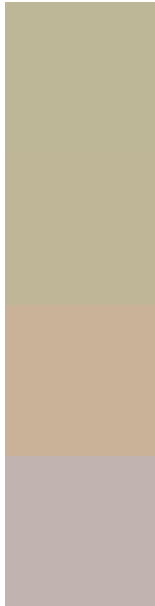
47.2920, 46.4823, 36.1852



Tritanopia

47.2645, 46.6313, 55.2248

Trichromacy



Original Color

43.3001, 46.5091, 35.9731

Protanomaly

43.5956, 46.3585, 35.9285

Deuteranomaly

45.9450, 46.6643, 36.2913

Tritanomaly

45.6948, 46.5813, 47.6570

Monochromacy



Original Color

43.3001, 46.5091, 35.9731

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

43.5467, 46.1404, 44.6410

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3001, 46.5091, 35.9731 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(189, 182, 151)` looks like.

```
.text, #text, p{  
    color:rgb(189, 182, 151)  
}
```

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(189, 182, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 182, 151) }
```

Border

The CSS property to change the border of an element to XYZ 43.3001, 46.5091, 35.9731 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(189, 182, 151) }
```


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

```
.border{ border-color:rgb(189, 182, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 182, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 182, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 182, 151);  
box-shadow:4px 4px 4px 4px rgb(189, 182,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3001, 46.5091, 35.9731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 182, 151) }
```

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

```
.background{ background-color: rgb(189,  
182, 151) }
```

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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