

Converting Colors

XYZ(42.9693, 46.2056, 35.1188)

Have a look what the booklet for
XYZ(42.9693, 46.2056, 35.1188)
contains.

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Color

**XYZ(43.1390, 46.4446,
35.1248)**

Conversions

Conversions Part 1

Format	Color
Hex	BDB695
RGB	189, 182, 149
RGB Percent	74%, 71%, 58%
CMY	0.2588, 0.2863, 0.4157
CMYK	0.00, 0.04, 0.21, 0.26
HSL	50°, 23%, 66%
HSV	50°, 21%, 74%
XYZ	43.1390, 46.4446, 35.1248
YIQ	180.3310, 14.7650, -8.7790

Conversions

Conversions Part 2

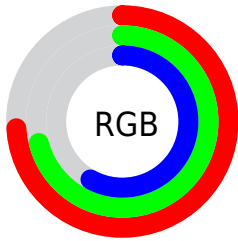
Format	Color
RYB	157, 189, 149
Decimal	12433045
CIELab	73.83, -2.96, 17.72
CIELCh	74, 17.964, 99.489
Yxy	46.4446, 0.3459, 0.3724
Android (android.graphics.Color)	4290623125 (0xFFBDB695)
YUV	180.3310, -15.4462, 7.6027
Hunter-Lab	68.1503, -6.2728, 17.1470

Details

The XYZ color **43.1390, 46.4446, 35.1248** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.4681, 33.8398, 52.9121**, and the grayscale version is **43.6362, 45.9086, 49.9945**.

A 20% lighter version of the original color is **79.3601, 85.0537, 68.7342**, and **20.0465, 21.7333, 14.6936** is the 20% darker color. If you saturate the color by 10%, you get **41.0823, 44.5530, 27.5892**, and if you desaturate by 10%, it is **45.4590, 48.4702, 43.9575**.

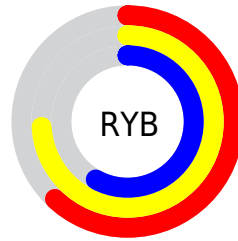
Distribution



Red (74%)

Green (71%)

Blue (58%)



Red (62%)

Yellow (74%)

Blue (58%)

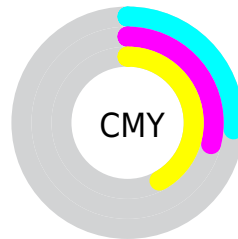


Cyan (0%)

Magenta (4%)

Yellow (21%)

Black (26%)



Cyan (26%)


Magenta (29%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.1390, 46.4446, 35.1248 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 43.1390, 46.4446, 35.1248 by changing the saturation by 10% instead.


 43.1390, 46.4446,
35.1248


 43.1390, 46.4446,
35.1248


350.0949,
372.5932, 340.0398

 30.1892, 32.5968,
23.4747


 79.1750, 84.8840,
68.8328

 20.1310, 21.8178,
14.7358


 102.9919,
110.2444, 91.7278

 12.5991, 13.7230,
8.4896


131.1618,
140.2111, 119.2082

 7.2282, 7.9283,
4.3176

164.0502,
175.1685, 151.6925

 3.6528, 4.0491,
1.8011

202.0223,
215.5010, 189.5993

 1.5077, 1.7011,
0.4287

245.4436,

 0.3310, 0.4243,

261.5931, 233.3471

0.0000

294.6793,
313.8290, 283.3544

■ 0.0000, 0.0000,
0.0000

■ 43.1390, 46.4446,
35.1248

■ 43.1390, 46.4446,
35.1248

■ 41.0823, 44.5530,
27.5892

■ 45.4590, 48.4702,
43.9575

■ 39.2734, 42.7844,
21.2854

■ 48.0498, 50.6284,
54.1422

■ 37.7006, 41.1354,
16.1473

■ 50.9231, 52.9254,
65.7344

■ 36.3498, 39.6003,
12.1011

■ 54.0887, 55.3654,
78.7854

■ 35.2054, 38.1726,
9.0646

■ 57.5560, 57.9523,
93.3442

■ 34.2493, 36.8449,
6.9440

■ 60.1189, 60.2040,
103.0597

■ 33.4603, 35.6085,
5.6277

■ 60.9021, 61.7703,
103.3207

■ 32.8656, 34.5773,
4.9419

■ 61.7019, 63.3700,
103.5873

■ 62.5186, 65.0033,
103.8596

Harmonies

Analogous

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



46.3321, 46.4446, 35.8153



43.1390, 46.4446, 35.1248



40.3512, 46.4446, 38.1700

Triad

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



43.1390, 46.4446, 35.1248



39.5704, 46.4446, 62.6058



50.1524, 46.4446, 56.9895

Complementary

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



43.1390, 46.4446, 35.1248



33.4681, 33.8398, 52.9121

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.



48.1678, 46.4446, 65.4015



43.1390, 46.4446, 35.1248



42.0263, 46.4446, 68.9058

Square

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



43.1390, 46.4446, 35.1248



38.3574, 46.4446, 53.5270



45.1649, 46.4446, 69.9865



50.4856, 46.4446, 47.7244

Rectangle

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



43.1390, 46.4446, 35.1248



39.0597, 46.4446, 42.1526



45.1649, 46.4446, 69.9865



49.6518, 46.4446, 60.0400

Sweetspot

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



43.1402, 46.4467, 35.1258



83.7061, 88.7379, 87.6617



37.7632, 34.7259, 36.3137



17.9359, 19.0287, 18.5971



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.



43.1402, 46.4467, 35.1258



75.6465, 81.7209, 56.9146



41.6028, 47.8344, 35.4747



10.1764, 10.8289, 10.1305



22.1627, 23.3642, 3.3416



0.9061, 0.9911, 0.1435

Inverse Universe

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



33.4681, 33.8398, 52.9121



55.4818, 55.4403, 94.0030



34.7659, 32.8162, 52.6461



9.1478, 9.4880, 12.0214



6.5872, 3.2861, 32.6800



0.3002, 0.2130, 1.2941

Previews

White Background



This preview shows how the XYZ color 43.1390, 46.4446, 35.1248 looks on a white background.

Color Contrast Check

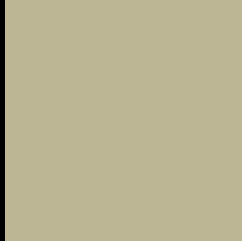
Large Text (above 18pt) WCAG AA × Fail

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 43.1390, 46.4446, 35.1248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

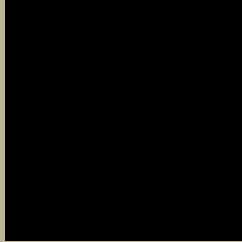
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.1390, 46.4446, 35.1248

Background



This preview shows how black text looks on a background with the XYZ color 43.1390, 46.4446, 35.1248.



This preview shows how white text looks on a background with the XYZ color 43.1390, 46.4446,

35.1248.

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

43.1390, 46.4446, 35.1248

Protanopia

43.6869, 46.4241, 35.0920

Deuteranopia

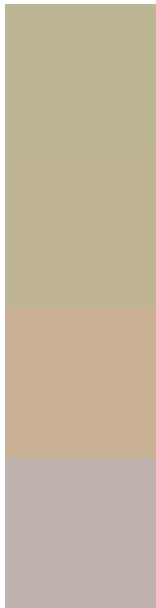
47.3003, 46.2081, 35.7042



Tritanopia

47.0677, 46.2377, 55.1592

Trichromacy



Original Color

43.1390, 46.4446, 35.1248

Protanomaly

43.4345, 46.2940, 35.0802

Deuteranomaly

45.5843, 46.2028, 35.3697

Tritanomaly

45.3965, 46.1424, 47.0712

Monochromacy



Original Color

43.1390, 46.4446, 35.1248

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

43.2137, 45.9796, 44.1335

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1390, 46.4446, 35.1248 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, 149)` looks like.

```
.text, #text, p{  
    color:rgb(189, 182, 149)  
}
```

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, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 182, 149) }
```

Border

The CSS property to change the border of an element to XYZ 43.1390, 46.4446, 35.1248 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, 149) }
```


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

```
.border{ border-color:rgb(189, 182, 149) }
```

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, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 182, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 182, 149);  
box-shadow:4px 4px 4px 4px rgb(189, 182,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1390, 46.4446, 35.1248 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, 149) }
```

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

```
.background{ background-color: rgb(189,  
182, 149) }
```

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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