

Converting Colors

XYZ(42.9469, 45.4839, 40.4201)

Have a look what the booklet for
XYZ(42.9469, 45.4839, 40.4201)
contains.

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Color

**XYZ(43.0040, 45.6548,
40.2639)**

Conversions

Conversions Part 1

Format	Color
Hex	BAB4A1
RGB	186, 180, 161
RGB Percent	73%, 71%, 63%
CMY	0.2706, 0.2941, 0.3686
CMYK	0.00, 0.03, 0.13, 0.27
HSL	46°, 15%, 68%
HSV	46°, 13%, 73%
XYZ	43.0040, 45.6548, 40.2639
YIQ	179.6280, 9.6750, -4.6370

Conversions

Conversions Part 2

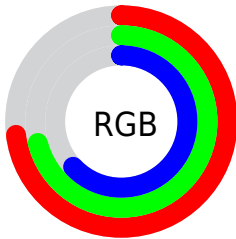
Format	Color
RYB	169, 186, 161
Decimal	12235937
CIELab	73.32, -1.16, 10.45
CIElCh	73, 10.511, 96.311
Yxy	45.6548, 0.3336, 0.3541
Android (android.graphics.Color)	4290426017 (0xFFBAB4A1)
YUV	179.6280, -9.1836, 5.5882
Hunter-Lab	67.5683, -4.6379, 11.9670

Details

The XYZ color **43.0040, 45.6548, 40.2639** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **37.3796, 38.7590, 51.9660**, and the grayscale version is **43.2281, 45.4793, 49.5269**.

A 20% lighter version of the original color is **79.0081, 83.8260, 76.9816**, and **20.0226, 21.2694, 17.5181** is the 20% darker color. If you saturate the color by 10%, you get **40.5985, 43.2761, 31.9628**, and if you desaturate by 10%, it is **45.6850, 48.1932, 49.8618**.

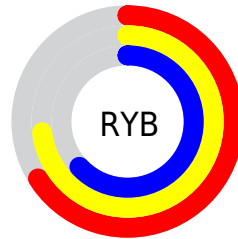
Distribution



Red (73%)

Green (71%)

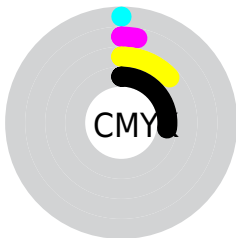
Blue (63%)



Red (66%)

Yellow (73%)

Blue (63%)

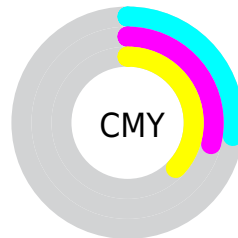


Cyan (0%)

Magenta (3%)

Yellow (13%)

Black (27%)



Cyan (27%)

Magenta (29%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.0040, 45.6548, 40.2639 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 43.0040, 45.6548, 40.2639 by changing the saturation by 10% instead.

■ 43.0040, 45.6548,
40.2639

■ 43.0040, 45.6548,
40.2639

349.5495,
369.4191, 362.8197

■ 30.0828, 31.9735,
27.4290

■ 78.9726, 83.7021,
76.8067

■ 20.0498, 21.3413,
17.6604

■ 102.7506,
108.8370, 101.3517

■ 12.5397, 13.3737,
10.5395

130.8784,
138.5584, 130.6371

■ 7.1872, 7.6864,
5.6479

163.7211,
173.2509, 165.0815

■ 3.6268, 3.8949,
2.5669

201.6443,
213.2988, 205.1034

■ 1.4933, 1.6150,
0.8753

245.0131,

■ 0.3212, 0.3677,

259.0866, 251.1214

0.0000

294.1931,
310.9985, 303.5540

0.0000, 0.0000,
0.0000

43.0040, 45.6548,
40.2639

43.0040, 45.6548,
40.2639

40.5985, 43.2761,
31.9628

45.6850, 48.1932,
49.8618

38.4538, 41.0461,
24.8989

48.6482, 50.8897,
60.8067

36.5593, 38.9618,
19.0123

51.9045, 53.7507,
73.1497

34.9023, 37.0175,
14.2371

55.4633, 56.7804,
86.9384

33.4686, 35.2072,
10.5007

59.3333, 59.9826,
102.2181

■ 32.2427, 33.5242,
7.7217

■ 60.5578, 62.1750,
103.4170

■ 31.2064, 31.9607,
5.8069

■ 61.6525, 64.3644,
103.7819

■ 30.3383, 30.5078,
4.6439

■ 62.7780, 66.6153,
104.1570

■ 29.8319, 29.6032,
4.1417

■ 63.9344, 68.9283,
104.5425

Harmonies

Analogous

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



44.8372, 45.6548, 40.9595



43.0040, 45.6548, 40.2639



41.3227, 45.6548, 41.9508

Triad

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



43.0040, 45.6548, 40.2639



40.5920, 45.6548, 55.9849



46.7303, 45.6548, 53.9131

Complementary

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



43.0040, 45.6548, 40.2639



37.3796, 38.7590, 51.9660

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.



45.5324, 45.6548, 58.3721



43.0040, 45.6548, 40.2639



41.9811, 45.6548, 59.6263

Square

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



43.0040, 45.6548, 40.2639



39.9559, 45.6548, 50.8376



43.7854, 45.6548, 60.5295



47.0229, 45.6548, 48.5998

Rectangle

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



43.0040, 45.6548, 40.2639



40.5029, 45.6548, 44.2753



43.7854, 45.6548, 60.5295



46.4185, 45.6548, 55.5729

Sweetspot

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



43.0052, 45.6568, 40.2649



82.4872, 87.0561, 89.2176



39.9933, 38.7288, 42.0486



18.0806, 19.0926, 19.3408



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.



43.0052, 45.6568, 40.2649



76.6674, 81.5079, 68.4984



42.7567, 47.3649, 40.6077



9.5627, 10.1284, 9.5579



20.1301, 20.0365, 2.8065



0.7544, 0.7958, 0.1138

Inverse Universe

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



37.3796, 38.7590, 51.9660



64.5676, 66.6727, 93.6674



37.5976, 37.2783, 51.6687



8.6914, 9.0600, 11.3701



6.6340, 3.7276, 31.6229



0.2832, 0.2301, 1.1312

Previews

White Background



This preview shows how the XYZ color 43.0040, 45.6548, 40.2639 looks on a white background.

Color Contrast Check

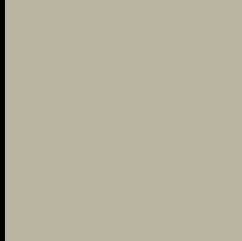
Large Text (above 18pt) WCAG AA × Fail

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 43.0040, 45.6548, 40.2639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

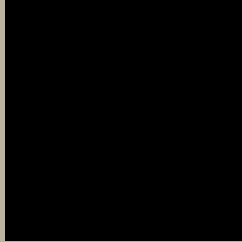
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.0040, 45.6548, 40.2639

Background



This preview shows how black text looks on a background with the XYZ color 43.0040, 45.6548, 40.2639.



This preview shows how white text looks on a background with the XYZ color 43.0040, 45.6548,

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

43.0040, 45.6548, 40.2639

Protanopia

43.2922, 45.5048, 40.2198

Deuteranopia

46.5595, 45.7181, 40.5529



Tritanopia

46.0548, 45.7155, 55.1118

Trichromacy



Original Color

43.0040, 45.6548, 40.2639

Protanomaly

43.0466, 45.3782, 40.2083

Deuteranomaly

45.0729, 45.5296, 40.5949

Tritanomaly

44.8451, 45.5178, 49.0700

Monochromacy



Original Color

43.0040, 45.6548, 40.2639

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

43.1555, 45.6047, 46.0632

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0040, 45.6548, 40.2639 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(186, 180, 161)` looks like.

```
.text, #text, p{  
    color:rgb(186, 180, 161)  
}
```

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(186, 180, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 180, 161) }
```

Border

The CSS property to change the border of an element to XYZ 43.0040, 45.6548, 40.2639 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(186, 180, 161) }
```


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

```
.border{ border-color:rgb(186, 180, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 180, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 180, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 180, 161);  
box-shadow:4px 4px 4px 4px rgb(186, 180,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0040, 45.6548, 40.2639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 180, 161) }
```

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

```
.background{ background-color: rgb(186,  
180, 161) }
```

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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