

Converting Colors

XYZ(43.7782, 46.0286, 45.8229)

Have a look what the booklet for
XYZ(43.7782, 46.0286, 45.8229)
contains.

| | |
|--|----|
| XYZ(43.7752, 45.9354, 45.5889) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(43.7752, 45.9354,
45.5889)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | B9B4AC |
| RGB | 185, 180, 172 |
| RGB Percent | 73%, 71%, 67% |
| CMY | 0.2745, 0.2941, 0.3255 |
| CMYK | 0.00, 0.03, 0.07, 0.27 |
| HSL | 37°, 8%, 70% |
| HSV | 37°, 7%, 73% |
| XYZ | 43.7752, 45.9354, 45.5889 |
| YIQ | 180.5830, 5.5480, -1.4280 |

Conversions

Conversions Part 2

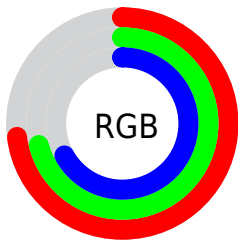
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 180, 185, 172 |
| Decimal | 12170412 |
| CIELab | 73.50, 0.34, 4.69 |
| CIELCh | 74, 4.706, 85.877 |
| Yxy | 45.9354, 0.3235, 0.3395 |
| Android (android.graphics.Color) | 4290360492 (0xFFB9B4AC) |
| YUV | 180.5830, -4.2314, 3.8737 |
| Hunter-Lab | 67.7757, -3.3171, 7.5619 |

Details

The XYZ color **43.7752, 45.9354, 45.5889** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **41.4921, 43.7168, 52.1506**, and the grayscale version is **43.7170, 45.9937, 50.0871**.

A 20% lighter version of the original color is **80.1362, 84.2377, 84.7089**, and **20.4953, 21.4403, 20.8275** is the 20% darker color. If you saturate the color by 10%, you get **40.7224, 42.4777, 36.4072**, and if you desaturate by 10%, it is **47.1516, 49.6434, 56.0999**.

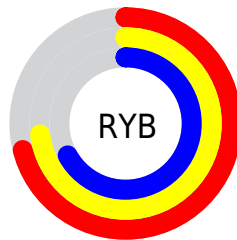
Distribution



Red (73%)

Green (71%)

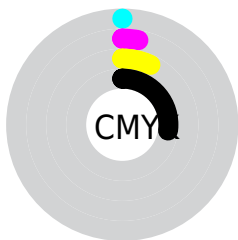
Blue (67%)



Red (71%)

Yellow (73%)

Blue (67%)

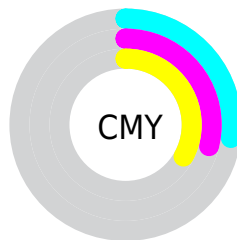


Cyan (0%)

Magenta (3%)

Yellow (7%)

Black (27%)



Cyan (27%)

Magenta (29%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.7752, 45.9354, 45.5889 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 43.7752, 45.9354, 45.5889 by changing the saturation by 10% instead.

■ 43.7752, 45.9354,
45.5889

■ 43.7752, 45.9354,
45.5889

352.6579,
370.5489, 385.3829

■ 30.6910, 32.1948,
31.5752

■ 80.1278, 84.1223,
84.9312

■ 20.5143, 21.5104,
20.7751

104.1269,
109.3375, 111.0969

■ 12.8799, 13.4976,
12.7701

132.4950,
139.1463, 142.1504

■ 7.4223, 7.7721,
7.1416

165.5974,
173.9331, 178.5101

■ 3.7763, 3.9494,
3.4710

203.7996,
214.0824, 220.5947

■ 1.5763, 1.6453,
1.3399

247.4668,

■ 0.3769, 0.3879,

259.9785, 268.8227

0.0941

296.9644,
312.0059, 323.6125

■ 0.0000, 0.0000,
0.0000

■ 43.7752, 45.9354,
45.5889

■ 43.7752, 45.9354,
45.5889

■ 40.7224, 42.4777,
36.4072

■ 47.1516, 49.6434,
56.0999

■ 37.9781, 39.2579,
28.4980

■ 50.8584, 53.6015,
67.9881

■ 35.5317, 36.2716,
21.8046

■ 54.9069, 57.8176,
81.3025

■ 33.3701, 33.5117,
16.2651

■ 59.3070, 62.2971,
96.0887

■ 31.4796, 30.9708,
11.8119

■ 62.4996, 66.4181,
104.1336

■ 29.8449, 28.6409,
8.3702

■ 64.3559, 70.1306,
104.7524

■ 28.4486, 26.5130,
5.8559

■ 66.2918, 74.0025,
105.3977

■ 27.2711, 24.5773,
4.1707

■ 68.3085, 78.0358,
106.0699

■ 26.2850, 22.8207,
3.1774

■ 70.4067, 82.2323,
106.7693

Harmonies

Analogous

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



44.5627, 45.9354, 46.3223



43.7752, 45.9354, 45.5889



42.9665, 45.9354, 46.0104

Triad

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



43.7752, 45.9354, 45.5889



42.2383, 45.9354, 52.0398



44.9964, 45.9354, 52.6271

Complementary

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



43.7752, 45.9354, 45.5889



41.4921, 43.7168, 52.1506

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.



44.3613, 45.9354, 54.2472



43.7752, 45.9354, 45.5889



42.7700, 45.9354, 53.9007

Square

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



43.7752, 45.9354, 45.5889



42.0858, 45.9354, 49.6876



43.5454, 45.9354, 54.7205



45.2734, 45.9354, 50.3456

Rectangle

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



43.7752, 45.9354, 45.5889



42.5232, 45.9354, 46.8970



43.5454, 45.9354, 54.7205



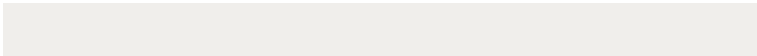
44.8173, 45.9354, 53.2699

Sweetspot

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



43.7765, 45.9374, 45.5899



81.3483, 85.5317, 90.7478



42.7164, 43.0022, 47.7490



17.5509, 18.4541, 19.6066



88.6918, 93.3107, 101.6153



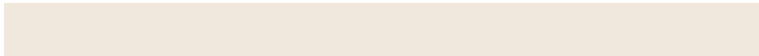
17.8044, 18.7317, 20.3988

Same Dimension

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



43.7765, 45.9374, 45.5899



77.7709, 81.5673, 79.7197



44.4912, 47.8302, 45.9176



9.4525, 9.9079, 9.5211



17.7852, 15.3467, 2.0248



0.6849, 0.6569, 0.0907

Inverse Universe

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



41.4921, 43.7168, 52.1506



73.0719, 76.9993, 93.2157



40.8101, 41.9269, 51.8411



8.7965, 9.2702, 11.4051



7.5671, 5.5939, 31.9340



0.3274, 0.3184, 1.1460

Previews

White Background



This preview shows how the XYZ color 43.7752, 45.9354, 45.5889 looks on a white background.

Color Contrast Check

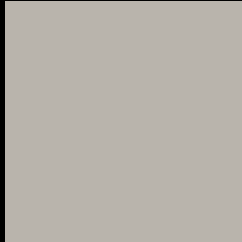
Large Text (above 18pt) WCAG AA × Fail

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 43.7752, 45.9354, 45.5889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

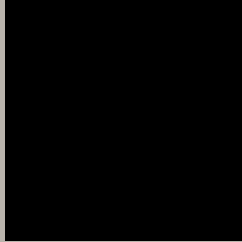
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.7752, 45.9354, 45.5889

Background



This preview shows how black text looks on a background with the XYZ color 43.7752, 45.9354, 45.5889.

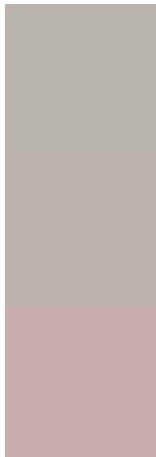


This preview shows how white text looks on a background with the XYZ color 43.7752, 45.9354,

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

43.7752, 45.9354, 45.5889

Protanopia

44.0174, 46.0602, 45.6003

Deuteranopia

46.7663, 45.7067, 45.8926



Tritanopia

45.8651, 45.8972, 55.7319

Trichromacy



Original Color

43.7752, 45.9354, 45.5889

Protanomaly

44.0174, 46.0602, 45.6003

Deuteranomaly

45.5738, 45.6699, 45.9483

Tritanomaly

45.0656, 45.8663, 51.8253

Monochromacy



Original Color

43.7752, 45.9354, 45.5889

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

43.8512, 46.2072, 48.7272

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7752, 45.9354, 45.5889 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(185, 180, 172)` looks like.

```
.text, #text, p{  
    color:rgb(185, 180, 172)  
}
```

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(185, 180, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 180, 172) }
```

Border

The CSS property to change the border of an element to XYZ 43.7752, 45.9354, 45.5889 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(185, 180, 172) }
```


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

```
.border{ border-color:rgb(185, 180, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 180, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 180, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 180, 172);  
box-shadow:4px 4px 4px 4px rgb(185, 180,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7752, 45.9354, 45.5889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 180, 172) }
```

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

```
.background{ background-color: rgb(185,  
180, 172) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor