

Converting Colors

XYZ(45.8701, 45.8836, 43.4765)

Have a look what the booklet for
XYZ(45.8701, 45.8836, 43.4765)
contains.

XYZ(45.8819, 45.8836, 43.4840)	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(45.8819, 45.8836,
43.4840)**

Conversions

Conversions Part 1

Format	Color
Hex	C6B0A8
RGB	198, 176, 168
RGB Percent	78%, 69%, 66%
CMY	0.2235, 0.3098, 0.3412
CMYK	0.00, 0.11, 0.15, 0.22
HSL	16°, 21%, 72%
HSV	16°, 15%, 78%
XYZ	45.8819, 45.8836, 43.4840
YIQ	181.6660, 15.6800, 2.1760

Conversions

Conversions Part 2

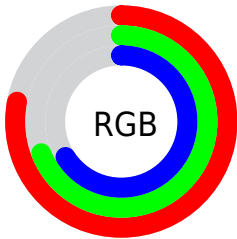
Format	Color
R_{YB}	198, 179, 168
Decimal	13021352
CIE _{Lab}	73.47, 6.58, 6.98
CIE _{LCh}	73, 9.590, 46.667
Yxy	45.8836, 0.3392, 0.3393
Android (android.graphics.Color)	4291211432 (0xFFC6B0A8)
YUV	181.6660, -6.7373, 14.3249
Hunter-Lab	67.7374, 2.3663, 9.3550

Details

The XYZ color **45.8819, 45.8836, 43.4840** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.7546, 49.2278, 60.5695**, and the grayscale version is **44.3123, 46.6200, 50.7692**.

A 20% lighter version of the original color is **83.4159, 84.3009, 81.6873**, and **21.8616, 21.6055, 19.5411** is the 20% darker color. If you saturate the color by 10%, you get **41.4803, 39.8108, 33.5986**, and if you desaturate by 10%, it is **50.8714, 52.6818, 54.9522**.

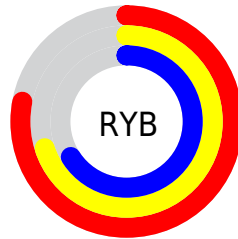
Distribution



Red (78%)

Green (69%)

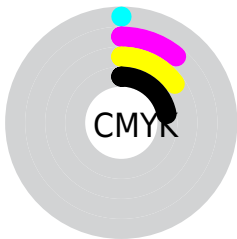
Blue (66%)



Red (78%)

Yellow (70%)

Blue (66%)

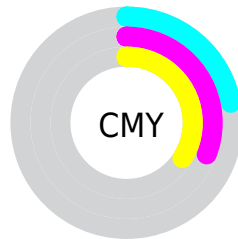


Cyan (0%)

Magenta (11%)

Yellow (15%)

Black (22%)



Cyan (22%)


Magenta (31%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.8819, 45.8836, 43.4840 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 45.8819, 45.8836, 43.4840 by changing the saturation by 10% instead.


 45.8819, 45.8836,
43.4840


 45.8819, 45.8836,
43.4840


361.0575,
370.3405, 376.5780

 32.3569, 32.1540,
29.9308


 83.2712, 84.0448,
81.7349

 21.7911, 21.4791,
19.5345


 107.8661,
109.2451, 107.2697

 13.8192, 13.4747,
11.8764


136.8817,
139.0378, 137.6355

 8.0759, 7.7562,
6.5381

170.6834,
173.8072, 173.2508

 4.1958, 3.9394,
3.1009

209.6365,
213.9378, 214.5342

 1.8135, 1.6397,
1.1464

254.1063,

 0.5258, 0.3841,

259.8140, 261.9041

0.0000

304.4582,
311.8201, 315.7792

■ 0.0000, 0.0000,
0.0000

■ 45.8819, 45.8836,
43.4840

■ 45.8819, 45.8836,
43.4840

■ 41.4803, 39.8108,
33.5986

■ 50.8714, 52.6818,
54.9522

■ 37.6406, 34.4330,
25.2232

■ 56.4659, 60.2221,
68.0657

■ 34.3405, 29.7269,
18.2836

■ 62.6867, 68.5285,
82.8873

■ 31.5544, 25.6653,
12.6983

■ 69.5527, 77.6221,
99.4756

■ 29.2549, 22.2192,
8.3772

■ 75.0887, 86.7256,
107.3899

■ 27.4115, 19.3574,
5.2196

■ 77.0988, 90.7458,
108.0599

■ 25.9900, 17.0453,
3.1088

■ 24.9502, 15.2444,
1.9031

■ 24.5540, 14.5361,
1.5116

Harmonies

Analogous

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



46.8025, 45.8836, 47.3345



45.8819, 45.8836, 43.4840



44.3656, 45.8836, 41.4305

Triad

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



45.8819, 45.8836, 43.4840



40.5213, 45.8836, 47.8414



44.5507, 45.8836, 59.4276

Complementary

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



45.8819, 45.8836, 43.4840



44.7546, 49.2278, 60.5695

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.



42.8650, 45.8836, 59.5852



45.8819, 45.8836, 43.4840



40.5679, 45.8836, 52.6797

Square

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



45.8819, 45.8836, 43.4840



41.2871, 45.8836, 43.8343



41.4163, 45.8836, 57.0478



46.0205, 45.8836, 56.6301

Rectangle

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



45.8819, 45.8836, 43.4840



43.2344, 45.8836, 41.2647



41.4163, 45.8836, 57.0478



43.9898, 45.8836, 59.7971

Sweetspot

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



45.8832, 45.8856, 43.4850



90.1545, 93.3856, 97.4750



46.5861, 43.7293, 54.7009



19.1543, 19.7952, 20.5329



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.



45.8832, 45.8856, 43.4850



78.7089, 77.7641, 71.2481



48.9878, 52.0950, 44.5199



10.8602, 11.0896, 11.1309



16.0289, 9.5750, 1.0033



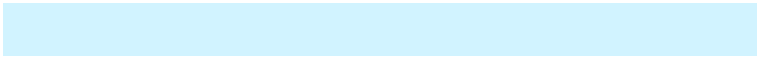
0.8205, 0.5765, 0.0680

Inverse Universe

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



44.7546, 49.2278, 60.5695



76.3499, 84.7441, 106.9409



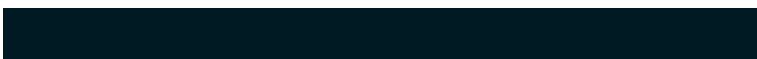
41.6720, 43.0626, 59.5420



10.6981, 11.5703, 13.5869



13.3044, 16.0027, 37.1320



0.6872, 0.8721, 1.7773

Previews

White Background



This preview shows how the XYZ color 45.8819, 45.8836, 43.4840 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 45.8819, 45.8836, 43.4840 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 45.8819, 45.8836, 43.4840

Background



This preview shows how black text looks on a background with the XYZ color 45.8819, 45.8836, 43.4840.



This preview shows how white text looks on a background with the XYZ color 45.8819, 45.8836,

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

45.8819, 45.8836, 43.4840

Protanopia

43.8267, 45.9839, 44.5961

Deuteranopia

46.8325, 45.7958, 43.4169



Tritanopia

47.7326, 45.7544, 53.3294

Trichromacy



Original Color

45.8819, 45.8836, 43.4840

Protanomaly

44.5167, 46.0519, 44.0787

Deuteranomaly

46.4852, 45.9046, 43.4562

Tritanomaly

46.9275, 45.7095, 49.5295

Monochromacy



Original Color

45.8819, 45.8836, 43.4840

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

44.9961, 46.5082, 48.2004

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.8819, 45.8836, 43.4840 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(198, 176, 168)` looks like.

```
.text, #text, p{  
    color:rgb(198, 176, 168)  
}
```

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(198, 176, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 176, 168) }
```

Border

The CSS property to change the border of an element to XYZ 45.8819, 45.8836, 43.4840 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(198, 176, 168) }
```


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

```
.border{ border-color:rgb(198, 176, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 176, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 176, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 176, 168);  
box-shadow:4px 4px 4px 4px rgb(198, 176,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 45.8819, 45.8836, 43.4840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 176, 168) }
```

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

```
.background{ background-color: rgb(198,  
176, 168) }
```

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