

Converting Colors

XYZ(45.8918, 45.1595, 51.5227)

Have a look what the booklet for
XYZ(45.8918, 45.1595, 51.5227)
contains.

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Color

**XYZ(45.7801, 45.0703,
51.6340)**

Conversions

Conversions Part 1

Format	Color
Hex	C1AEB8
RGB	193, 174, 184
RGB Percent	76%, 68%, 72%
CMY	0.2431, 0.3176, 0.2784
CMYK	0.00, 0.10, 0.05, 0.24
HSL	328°, 13%, 72%
HSV	328°, 10%, 76%
XYZ	45.7801, 45.0703, 51.6340
YIQ	180.8210, 8.1140, 7.1380

Conversions

Conversions Part 2

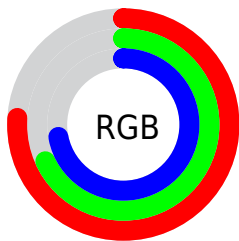
Format	Color
RYB	193, 174, 184
Decimal	12693176
CIELab	72.94, 8.58, -2.62
CIELCh	73, 8.974, 343.016
Yxy	45.0703, 0.3213, 0.3163
Android (android.graphics.Color)	4290883256 (0xFFC1AEB8)
YUV	180.8210, 1.5672, 10.6810
Hunter-Lab	67.1344, 4.2370, 1.3933

Details

The XYZ color **45.7801, 45.0703, 51.6340** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.0745, 50.5586, 52.1853**, and the grayscale version is **43.8141, 46.0959, 50.1984**.

A 20% lighter version of the original color is **82.8144, 82.4696, 93.9915**, and **21.7037, 21.0467, 24.3912** is the 20% darker color. If you saturate the color by 10%, you get **41.3887, 37.7716, 45.5934**, and if you desaturate by 10%, it is **50.7718, 53.4692, 58.1815**.

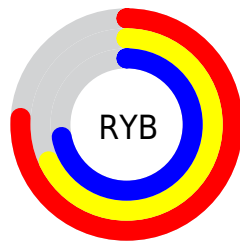
Distribution



Red (76%)

Green (68%)

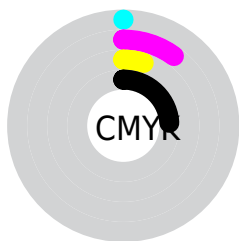
Blue (72%)



Red (76%)

Yellow (68%)

Blue (72%)

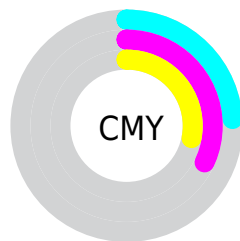


Cyan (0%)

Magenta (10%)

Yellow (5%)

Black (24%)



Cyan (24%)

Magenta (32%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.7801, 45.0703, 51.6340 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 45.7801, 45.0703, 51.6340 by changing the saturation by 10% instead.

■ 45.7801, 45.0703,
51.6340

■ 45.7801, 45.0703,
51.6340

360.6546,
367.0582, 409.9387

■ 32.2762, 31.5128,
36.3332

■ 83.1197, 82.8259,
94.0123

■ 21.7291, 20.9896,
24.3999

107.6861,
107.7928, 121.9269

■ 13.7735, 13.1164,
15.4156

136.6707,
137.3316, 154.8832

■ 8.0439, 7.5088,
8.9617

170.4389,
171.8267, 193.2997

■ 4.1751, 3.7823,
4.6198

209.3561,
211.6625, 237.5949

■ 1.8017, 1.5525,
1.9711

253.7875,

■ 0.5187, 0.3253,

257.2235, 288.1875

0.5374

304.0986,
308.8939, 345.4959

■ 0.0000, 0.0000,
0.0000

■ 45.7801, 45.0703,
51.6340

■ 45.7801, 45.0703,
51.6340

■ 41.3887, 37.7716,
45.5934

■ 50.7718, 53.4692,
58.1815

■ 37.5698, 31.5213,
40.0430

■ 56.3824, 63.0055,
65.2460

■ 34.2992, 26.2721,
34.9695

■ 62.6346, 73.7222,
72.8411

■ 31.5492, 21.9709,
30.3576

■ 69.5485, 85.6581,
80.9788

■ 29.2898, 18.5594,
26.1909

■ 71.9961, 88.5550,
87.9548

■ 27.4876, 15.9730,
22.4518

■ 73.3123, 89.0815,
94.8859

■ 26.1048, 14.1383,
19.1210

■ 74.6969, 89.6353,
102.1769

■ 25.0969, 12.9685,
16.1766

■ 75.8026, 90.0776,
107.9992

■ 24.3797, 12.2977,
13.5834

Harmonies

Analogous

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



44.9233, 45.0703, 55.6470



45.7801, 45.0703, 51.6340



45.8365, 45.0703, 47.1589

Triad

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



45.7801, 45.0703, 51.6340



42.1640, 45.0703, 41.1488



40.6757, 45.0703, 55.1895

Complementary

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



45.7801, 45.0703, 51.6340



45.0745, 50.5586, 52.1853

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.



39.9732, 45.0703, 51.0400



45.7801, 45.0703, 51.6340



40.8182, 45.0703, 43.0399

Square

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



45.7801, 45.0703, 51.6340



43.7228, 45.0703, 41.2863



40.0247, 45.0703, 46.5998



41.9652, 45.0703, 57.7839

Rectangle

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



45.7801, 45.0703, 51.6340



45.4105, 45.0703, 44.5274



40.0247, 45.0703, 46.5998



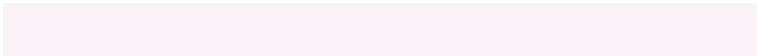
40.3645, 45.0703, 53.9197

Sweetspot

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



45.7814, 45.0723, 51.6350



87.9488, 90.7252, 100.3456



44.2602, 44.1755, 56.6466



18.7099, 19.1972, 21.3214



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



45.7814, 45.0723, 51.6350



80.0543, 77.4840, 89.8597



44.8319, 44.6925, 46.6349



10.2897, 10.1645, 11.6159



16.2490, 8.1893, 9.2231



0.7367, 0.3677, 0.5809

Inverse Universe

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



45.7814, 45.0723, 51.6350



80.0543, 77.4840, 89.8597



46.0820, 50.9617, 57.4909



10.2897, 10.1645, 11.6159



16.2490, 8.1893, 9.2231



0.7367, 0.3677, 0.5809

Previews

White Background



This preview shows how the XYZ color 45.7801, 45.0703, 51.6340 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 45.7801, 45.0703, 51.6340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

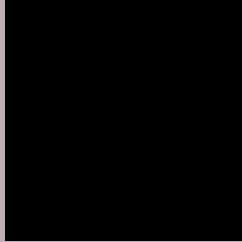
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.7801, 45.0703, 51.6340

Background



This preview shows how black text looks on a background with the XYZ color 45.7801, 45.0703, 51.6340.



This preview shows how white text looks on a background with the XYZ color 45.7801, 45.0703,

51.6340.

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

45.7801, 45.0703, 51.6340

Protanopia

43.6057, 45.0893, 52.8592

Deuteranopia

46.0359, 45.2021, 51.6459



Tritanopia

46.0980, 45.1974, 53.3081

Trichromacy



Original Color

45.7801, 45.0703, 51.6340

Protanomaly

44.4867, 45.2614, 52.2906

Deuteranomaly

46.0359, 45.2021, 51.6459

Tritanomaly

45.9913, 45.1547, 52.7461

Monochromacy



Original Color

45.7801, 45.0703, 51.6340

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

44.3715, 45.5325, 50.7060

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.7801, 45.0703, 51.6340 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(193, 174, 184)` looks like.

```
.text, #text, p{  
    color:rgb(193, 174, 184)  
}
```

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(193, 174, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 174, 184) }
```

Border

The CSS property to change the border of an element to XYZ 45.7801, 45.0703, 51.6340 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(193, 174, 184) }
```


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

```
.border{ border-color:rgb(193, 174, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 174, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 174, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 174, 184);  
box-shadow:4px 4px 4px 4px rgb(193, 174,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 45.7801, 45.0703, 51.6340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 174, 184) }
```

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

```
.background{ background-color: rgb(193,  
174, 184) }
```

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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