

Converting Colors

XYZ(40.4100, 40.4936, 45.1349)

Have a look what the booklet for
XYZ(40.4100, 40.4936, 45.1349)
contains.

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Color

**XYZ(40.4176, 40.4783,
45.2180)**

Conversions

Conversions Part 1

Format	Color
Hex	B5A7AD
RGB	181, 167, 173
RGB Percent	71%, 65%, 68%
CMY	0.2902, 0.3451, 0.3216
CMYK	0.00, 0.08, 0.04, 0.29
HSL	334°, 9%, 68%
HSV	334°, 8%, 71%
XYZ	40.4176, 40.4783, 45.2180
YIQ	171.8700, 6.4180, 4.8340

Conversions

Conversions Part 2

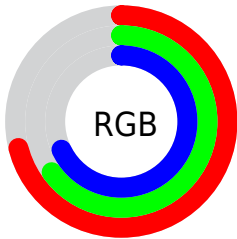
Format	Color
R _Y B	181, 167, 173
Decimal	11904941
CIE Lab	69.81, 6.13, -1.27
CIE LCh	70, 6.258, 348.299
Yxy	40.4783, 0.3205, 0.3210
Android (android.graphics.Color)	4290095021 (0xFFB5A7AD)
YUV	171.8700, 0.5571, 8.0070
Hunter-Lab	63.6226, 2.0565, 2.3970

Details

The XYZ color **40.4176, 40.4783, 45.2180** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.1996, 44.3595, 47.0031**, and the grayscale version is **39.1429, 41.1814, 44.8465**.

A 20% lighter version of the original color is **75.0499, 75.8485, 84.0835**, and **18.4840, 18.2311, 20.6339** is the 20% darker color. If you saturate the color by 10%, you get **36.3687, 33.9205, 39.1194**, and if you desaturate by 10%, it is **45.0105, 47.9988, 51.8814**.

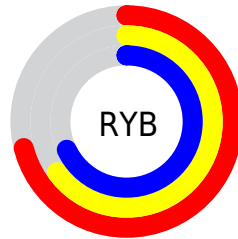
Distribution



Red (71%)

Green (65%)

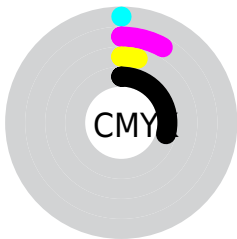
Blue (68%)



Red (71%)

Yellow (65%)

Blue (68%)

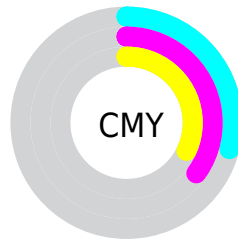


Cyan (0%)

Magenta (8%)

Yellow (4%)

Black (29%)



Cyan (29%)

Magenta (35%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.4176, 40.4783, 45.2180 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 40.4176, 40.4783, 45.2180 by changing the saturation by 10% instead.

■ 40.4176, 40.4783,
45.2180

■ 40.4176, 40.4783,
45.2180

338.9849,
348.1354, 383.8416

■ 28.0500, 27.9117,
31.2850

■ 75.0793, 75.8913,
84.3694

■ 18.5040, 18.2591,
20.5557

■ 98.1041, 99.5065,
110.4248

■ 11.4143, 11.1362,
12.6115

125.4119,
127.5732, 141.3581

■ 6.4156, 6.1585,
7.0340

157.3682,
160.4761, 177.5878

■ 3.1424, 2.9417,
3.4046

194.3383,
198.5993, 219.5324

■ 1.2295, 1.1014,
1.3048

236.6875,

■ 0.1295, 0.0000,

242.3273, 267.6106

0.0657

284.7813,
292.0446, 322.2408

■ 0.0000, 0.0000,
0.0000

■ 40.4176, 40.4783,
45.2180

■ 40.4176, 40.4783,
45.2180

■ 36.3687, 33.9205,
39.1194

■ 45.0105, 47.9988,
51.8814

■ 32.8393, 28.2811,
33.5673

■ 50.1636, 56.5136,
59.1218

■ 29.8084, 23.5201,
28.5463

■ 55.8968, 66.0592,
66.9545

■ 27.2518, 19.5927,
24.0392

■ 62.2279, 76.6687,
75.3932

■ 25.1437, 16.4497,
20.0276

■ 68.3697, 86.7653,
84.1832

■ 23.4552, 14.0370,
16.4918

■ 69.8222, 87.3462,
91.8317

■ 22.1540, 12.2935,
13.4107

■ 71.3616, 87.9620,
99.9382

■ 21.2028, 11.1478,
10.7606

■ 72.8663, 88.5639,
107.8618

■ 20.5449, 10.4906,
8.5110

Harmonies

Analogous

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



39.9500, 40.4783, 47.9003



40.4176, 40.4783, 45.2180



40.3575, 40.4783, 42.3411

Triad

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



40.4176, 40.4783, 45.2180



37.8635, 40.4783, 38.9742



37.1888, 40.4783, 48.3832

Complementary

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



40.4176, 40.4783, 45.2180



40.1996, 44.3595, 47.0031

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.



36.6489, 40.4783, 45.8535



40.4176, 40.4783, 45.2180



37.0336, 40.4783, 40.4570

Square

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



40.4176, 40.4783, 45.2180



38.8708, 40.4783, 38.8209



36.5926, 40.4783, 42.9494



38.0787, 40.4783, 49.7807

Rectangle

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



40.4176, 40.4783, 45.2180



40.0265, 40.4783, 40.6977



36.5926, 40.4783, 42.9494



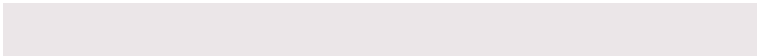
36.9611, 40.4783, 47.6320

Sweetspot

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



40.4188, 40.4801, 45.2189



76.9541, 79.9581, 87.6606



39.8249, 40.0818, 49.3542



16.6520, 17.3137, 18.9748



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



40.4188, 40.4801, 45.2189



71.3020, 70.7300, 79.3760



40.0228, 40.5962, 42.2877



8.6424, 8.5637, 9.6156



14.1071, 7.1604, 5.7238



0.4733, 0.2371, 0.3352

Inverse Universe

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



40.4188, 40.4801, 45.2189



71.3020, 70.7300, 79.3760



40.6128, 44.2222, 50.1119



8.6424, 8.5637, 9.6156



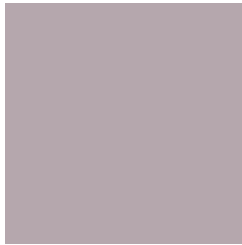
14.1071, 7.1604, 5.7238



0.4733, 0.2371, 0.3352

Previews

White Background



This preview shows how the XYZ color 40.4176, 40.4783, 45.2180 looks on a white background.

Color Contrast Check

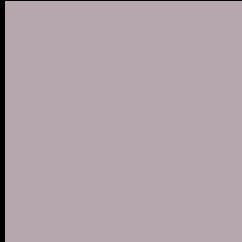
Large Text (above 18pt) WCAG AA × Fail

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 40.4176, 40.4783, 45.2180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

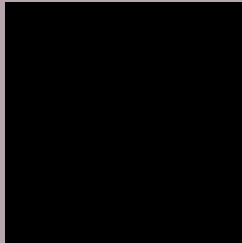
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.4176, 40.4783, 45.2180

Background



This preview shows how black text looks on a background with the XYZ color 40.4176, 40.4783, 45.2180.



This preview shows how white text looks on a background with the XYZ color 40.4176, 40.4783,

45.2180.

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

40.4176, 40.4783, 45.2180

Protanopia

39.1258, 40.6153, 46.3348

Deuteranopia

41.2477, 40.3665, 45.1527



Tritanopia

41.0643, 40.4722, 48.2954

Trichromacy



Original Color

40.4176, 40.4783, 45.2180

Protanomaly

39.5071, 40.5459, 45.7883

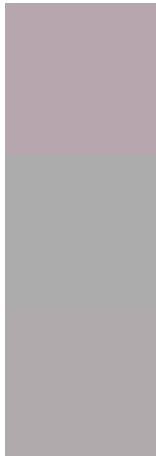
Deuteranomaly

40.9462, 40.4799, 45.1905

Tritanomaly

40.8634, 40.3918, 47.2376

Monochromacy



Original Color

40.4176, 40.4783, 45.2180

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

39.5003, 40.8420, 44.8311

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.4176, 40.4783, 45.2180 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(181, 167, 173)` looks like.

```
.text, #text, p{  
    color:rgb(181, 167, 173)  
}
```

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(181, 167, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 167, 173) }
```

Border

The CSS property to change the border of an element to XYZ 40.4176, 40.4783, 45.2180 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(181, 167, 173) }
```


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

```
.border{ border-color:rgb(181, 167, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 167, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 167, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 167, 173);  
box-shadow:4px 4px 4px 4px rgb(181, 167,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 40.4176, 40.4783, 45.2180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 167, 173) }
```

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

```
.background{ background-color: rgb(181,  
167, 173) }
```

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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