

Converting Colors

XYZ(41.9818, 43.8113, 45.9865)

Have a look what the booklet for
XYZ(41.9818, 43.8113, 45.9865)
contains.

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Color

**XYZ(41.8906, 43.7711,
45.7760)**

Conversions

Conversions Part 1

Format	Color
Hex	B4B0AD
RGB	180, 176, 173
RGB Percent	71%, 69%, 68%
CMY	0.2941, 0.3098, 0.3216
CMYK	0.00, 0.02, 0.04, 0.29
HSL	26°, 4%, 69%
HSV	26°, 4%, 71%
XYZ	41.8906, 43.7711, 45.7760
YIQ	176.8540, 3.3470, -0.0850

Conversions

Conversions Part 2

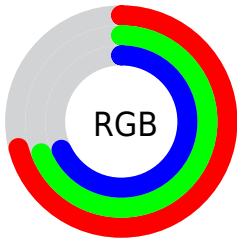
Format	Color
RYB	180, 178, 173
Decimal	11841709
CIELab	72.08, 0.87, 2.03
CIELCh	72, 2.207, 66.714
Yxy	43.7711, 0.3187, 0.3330
Android (android.graphics.Color)	4290031789 (0xFFB4B0AD)
YUV	176.8540, -1.9000, 2.7590
Hunter-Lab	66.1597, -2.7580, 5.2890

Details

The XYZ color **41.8906, 43.7711, 45.7760** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.1940, 43.6234, 49.4297**, and the grayscale version is **41.7228, 43.8956, 47.8024**.

A 20% lighter version of the original color is **77.4523, 81.1475, 84.9797**, and **19.4112, 20.3078, 20.9859** is the 20% darker color. If you saturate the color by 10%, you get **38.3257, 39.2431, 36.5656**, and if you desaturate by 10%, it is **45.8453, 48.7020, 56.2752**.

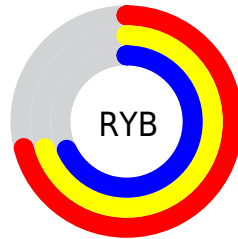
Distribution



Red (71%)

Green (69%)

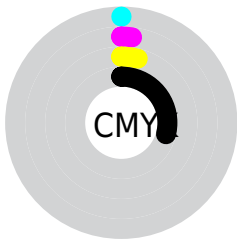
Blue (68%)



Red (71%)

Yellow (70%)

Blue (68%)

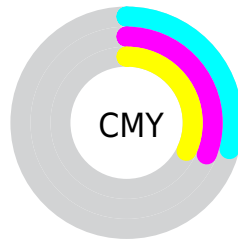


Cyan (0%)

Magenta (2%)

Yellow (4%)

Black (29%)



Cyan (29%)

Magenta (31%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.8906, 43.7711, 45.7760 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 41.8906, 43.7711, 45.7760 by changing the saturation by 10% instead.

■ 41.8906, 43.7711,
45.7760

■ 41.8906, 43.7711,
45.7760

345.0286,
361.7734, 386.1587

■ 29.2064, 30.4906,
31.7217

■ 77.3002, 80.8732,
85.2144

■ 19.3821, 20.2113,
20.8860

100.7563,
105.4636, 111.4356

■ 12.0523, 12.5487,
12.8502

128.5338,
134.5927, 142.5495

■ 6.8518, 7.1185,
7.1960

160.9979,
168.6450, 178.9747

■ 3.4151, 3.5363,
3.5047

198.5141,
208.0048, 221.1297

■ 1.3769, 1.4177,
1.3577

241.4477,

■ 0.2397, 0.2297,

253.0565, 269.4330

0.1084

290.1641,
304.1846, 324.3031

■ 0.0000, 0.0000,
0.0000

■ 41.8906, 43.7711,
45.7760

■ 41.8906, 43.7711,
45.7760

■ 38.3257, 39.2431,
36.5656

■ 45.8453, 48.7020,
56.2752

■ 35.1342, 35.1018,
28.5909

■ 50.1981, 54.0402,
68.1077

■ 32.3039, 31.3382,
21.7993

■ 54.9618, 59.7971,
81.3195

■ 29.8206, 27.9409,
16.1335

■ 60.1474, 65.9820,
95.9534

■ 27.6689, 24.8976,
11.5312

■ 64.4499, 72.0778,
105.1233

■ 25.8321, 22.1956,
7.9238

■ 67.3521, 77.8822,
106.0907

■ 24.2919, 19.8209,
5.2349

■ 70.4250, 84.0281,
107.1150

■ 23.0276, 17.7584,
3.3764

■ 72.6327, 88.4435,
107.8509

■ 22.0149, 15.9911,
2.2429

Harmonies

Analogous

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



42.1875, 43.7711, 46.4278



41.8906, 43.7711, 45.7760



41.5183, 43.7711, 45.6253

Triad

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



41.8906, 43.7711, 45.7760



40.8867, 43.7711, 47.9026



42.0384, 43.7711, 49.3445

Complementary

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



41.8906, 43.7711, 45.7760



41.1940, 43.6234, 49.4297

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.



41.6880, 43.7711, 49.7529



41.8906, 43.7711, 45.7760



41.0242, 43.7711, 48.9123

Square

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



41.8906, 43.7711, 45.7760



40.9402, 43.7711, 46.8426



41.3170, 43.7711, 49.5935



42.2731, 43.7711, 48.4855

Rectangle

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



41.8906, 43.7711, 45.7760



41.2778, 43.7711, 45.8272



41.3170, 43.7711, 49.5935



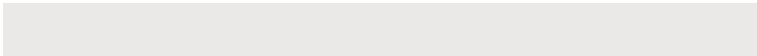
41.9301, 43.7711, 49.5396

Sweetspot

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



41.8918, 43.7730, 45.7769



77.9433, 81.8602, 88.2258



41.7108, 42.7688, 47.6960



16.8546, 17.7032, 19.0905



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.



41.8918, 43.7730, 45.7769



75.1473, 78.3478, 80.8821



42.5696, 45.1286, 46.0029



9.0831, 9.4610, 9.7134



15.0639, 10.6264, 1.2571



0.5323, 0.4510, 0.0590

Inverse Universe

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



41.1940, 43.6234, 49.4297



73.5057, 77.9958, 89.4751



40.5282, 42.2916, 49.2077



8.8648, 9.4142, 10.8562



9.1874, 9.1753, 31.4238



0.3456, 0.4017, 1.0076

Previews

White Background



This preview shows how the XYZ color 41.8906, 43.7711, 45.7760 looks on a white background.

Color Contrast Check

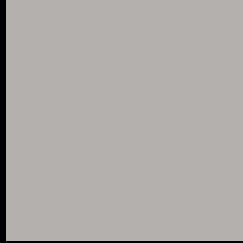
Large Text (above 18pt) WCAG AA × Fail

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 41.8906, 43.7711, 45.7760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

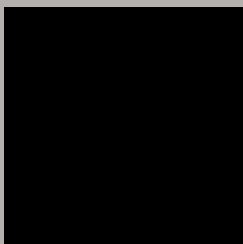
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

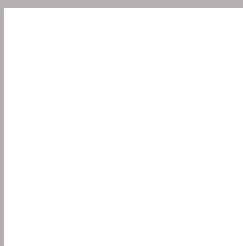
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.8906, 43.7711, 45.7760

Background



This preview shows how black text looks on a background with the XYZ color 41.8906, 43.7711, 45.7760.



This preview shows how white text looks on a background with the XYZ color 41.8906, 43.7711,

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

41.8906, 43.7711, 45.7760

Protanopia

42.1242, 43.8916, 45.7869

Deuteranopia

44.7086, 43.7839, 46.1391



Tritanopia

43.3971, 43.8050, 53.1817

Trichromacy



Original Color

41.8906, 43.7711, 45.7760

Protanomaly

42.1242, 43.8916, 45.7869

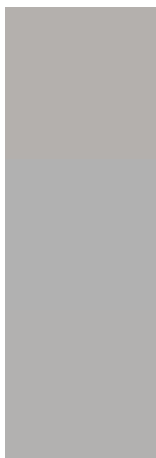
Deuteranomaly

43.8188, 43.8903, 46.2066

Tritanomaly

42.8295, 43.8611, 50.4646

Monochromacy



Original Color

41.8906, 43.7711, 45.7760

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.9187, 44.0438, 47.3663

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.8906, 43.7711, 45.7760 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(180, 176, 173)` looks like.

```
.text, #text, p{  
    color:rgb(180, 176, 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(180, 176, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 176, 173) }
```

Border

The CSS property to change the border of an element to XYZ 41.8906, 43.7711, 45.7760 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(180, 176, 173) }
```


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

```
.border{ border-color:rgb(180, 176, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 176, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 176, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 176, 173);  
box-shadow:4px 4px 4px 4px rgb(180, 176,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 41.8906, 43.7711, 45.7760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 176, 173) }
```

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

```
.background{ background-color: rgb(180,  
176, 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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