

Converting Colors

XYZ(42.9220, 44.7234, 46.6572)

Have a look what the booklet for
XYZ(42.9220, 44.7234, 46.6572)
contains.

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Color

**XYZ(42.8906, 44.5676,
46.3862)**

Conversions

Conversions Part 1

Format	Color
Hex	B7B1AE
RGB	183, 177, 174
RGB Percent	72%, 69%, 68%
CMY	0.2823, 0.3059, 0.3176
CMYK	0.00, 0.03, 0.05, 0.28
HSL	20°, 6%, 70%
HSV	20°, 5%, 72%
XYZ	42.8906, 44.5676, 46.3862
YIQ	178.4520, 4.5390, 0.3390

Conversions

Conversions Part 2

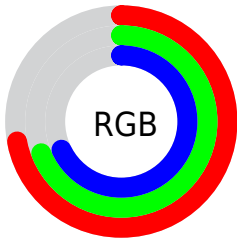
Format	Color
RYB	183, 179, 174
Decimal	12038574
CIELab	72.61, 1.59, 2.28
CIELCh	73, 2.778, 55.150
Yxy	44.5676, 0.3205, 0.3330
Android (android.graphics.Color)	4290228654 (0xFFB7B1AE)
YUV	178.4520, -2.1948, 3.9886
Hunter-Lab	66.7590, -2.1474, 5.5347

Details

The XYZ color **42.8906, 44.5676, 46.3862** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.3240, 45.0594, 51.2670**, and the grayscale version is **42.5671, 44.7839, 48.7696**.

A 20% lighter version of the original color is **78.8784, 82.2857, 85.8541**, and **19.9264, 20.5663, 21.3318** is the 20% darker color. If you saturate the color by 10%, you get **38.9253, 39.2998, 36.8540**, and if you desaturate by 10%, it is **47.3167, 50.3669, 57.2723**.

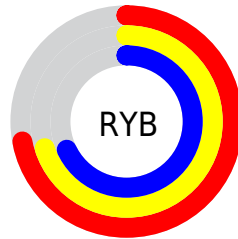
Distribution



Red (72%)

Green (69%)

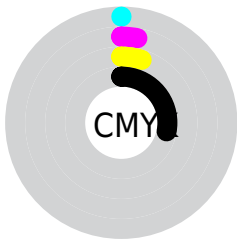
Blue (68%)



Red (72%)

Yellow (70%)

Blue (68%)

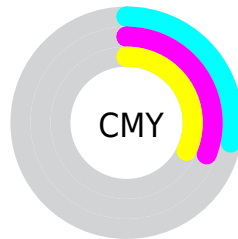


Cyan (0%)

Magenta (3%)

Yellow (5%)

Black (28%)



Cyan (28%)

Magenta (31%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.8906, 44.5676, 46.3862 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 42.8906, 44.5676, 46.3862 by changing the saturation by 10% instead.

■ 42.8906, 44.5676,
46.3862

■ 42.8906, 44.5676,
46.3862

349.0908,
365.0195, 388.6817

■ 29.9934, 31.1170,
32.1998

■ 78.8025, 82.0712,
86.1370

■ 19.9817, 20.6879,
21.2481

102.5479,
106.8929, 112.5386

■ 12.4899, 12.8961,
13.1125

130.6402,
136.2738, 143.8490

■ 7.1528, 7.3570,
7.3744

163.4446,
170.5982, 180.4867

■ 3.6050, 3.6864,
3.6154

201.3265,
210.2506, 222.8702

■ 1.4812, 1.4997,
1.4168

244.6512,

■ 0.3130, 0.2885,

255.6154, 271.4183

0.1548

293.7842,
307.0769, 326.5492

■ 0.0000, 0.0000,
0.0000

■ 42.8906, 44.5676,
46.3862

■ 42.8906, 44.5676,
46.3862

■ 38.9253, 39.2998,
36.8540

■ 47.3167, 50.3669,
57.2723

■ 35.4017, 34.5427,
28.6195

■ 52.2146, 56.7065,
69.5598

■ 32.3048, 30.2823,
21.6270

■ 57.5993, 63.6021,
83.2973

■ 29.6173, 26.5019,
15.8152

■ 63.4843, 71.0671,
98.5303

■ 27.3206, 23.1839,
11.1179

■ 68.1448, 78.4195,
106.1526

■ 25.3946, 20.3093,
7.4621

■ 71.8153, 85.7607,
107.3761

■ 23.8169, 17.8580,
4.7661

■ 73.3387, 88.8074,
107.8839

■ 22.5627, 15.8077,
2.9357

■ 21.6026, 14.1337,
1.8566

Harmonies

Analogous

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



43.2025, 44.5676, 47.4101



42.8906, 44.5676, 46.3862



42.4384, 44.5676, 45.9361

Triad

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



42.8906, 44.5676, 46.3862



41.4457, 44.5676, 48.3030



42.7542, 44.5676, 50.9627

Complementary

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



42.8906, 44.5676, 46.3862



42.3240, 45.0594, 51.2670

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.



42.2821, 44.5676, 51.2126



42.8906, 44.5676, 46.3862



41.5289, 44.5676, 49.6604

Square

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



42.8906, 44.5676, 46.3862



41.6061, 44.5676, 47.0294



41.8341, 44.5676, 50.7317



43.1233, 44.5676, 50.0551

Rectangle

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



42.8906, 44.5676, 46.3862



42.1190, 44.5676, 46.0157



41.8341, 44.5676, 50.7317



42.6022, 44.5676, 51.1271

Sweetspot

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



42.8918, 44.5695, 46.3872



79.8103, 83.7592, 90.3903



42.9033, 43.6353, 49.3419



17.6368, 18.5118, 19.9868



88.6918, 93.3107, 101.6153



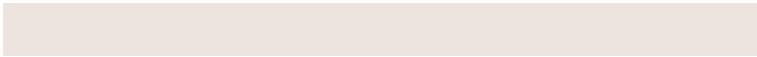
17.8044, 18.7317, 20.3988

Same Dimension

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



42.8918, 44.5695, 46.3872



75.9363, 78.6588, 80.9366



43.7948, 46.3754, 46.6881



9.4986, 9.8275, 10.0687



14.8473, 9.4709, 1.0455



0.5819, 0.4508, 0.0563

Inverse Universe

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



42.3240, 45.0594, 51.2670



74.6849, 79.7383, 91.6904



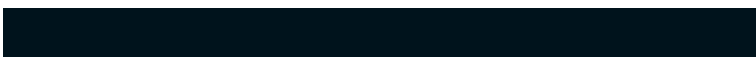
41.4309, 43.2732, 50.9693



9.3306, 9.9724, 11.5125



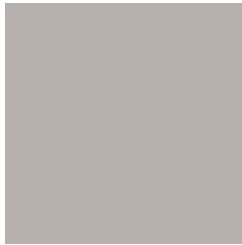
10.8771, 12.2138, 33.0373



0.4379, 0.5394, 1.1828

Previews

White Background



This preview shows how the XYZ color 42.8906, 44.5676, 46.3862 looks on a white background.

Color Contrast Check

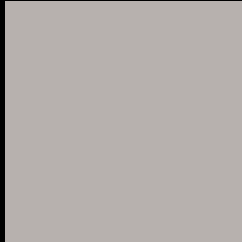
Large Text (above 18pt) WCAG AA × Fail

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 42.8906, 44.5676, 46.3862 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

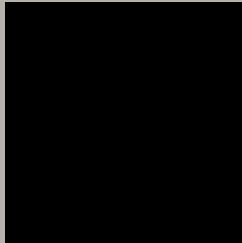
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.8906, 44.5676, 46.3862

Background



This preview shows how black text looks on a background with the XYZ color 42.8906, 44.5676, 46.3862.



This preview shows how white text looks on a background with the XYZ color 42.8906, 44.5676,

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

42.8906, 44.5676, 46.3862

Protanopia

42.6535, 44.4454, 46.3751

Deuteranopia

45.2553, 44.3360, 46.7299



Tritanopia

44.5229, 44.6484, 54.4155

Trichromacy



Original Color

42.8906, 44.5676, 46.3862

Protanomaly

42.6535, 44.4454, 46.3751

Deuteranomaly

44.3598, 44.4436, 46.7979

Tritanomaly

43.9442, 44.7017, 51.6596

Monochromacy



Original Color

42.8906, 44.5676, 46.3862

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

42.6786, 44.7184, 47.9771

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.8906, 44.5676, 46.3862 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(183, 177, 174)` looks like.

```
.text, #text, p{  
    color:rgb(183, 177, 174)  
}
```

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(183, 177, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 177, 174) }
```

Border

The CSS property to change the border of an element to XYZ 42.8906, 44.5676, 46.3862 is called "border". The border property can be set on classes, ids or directly on the HTML element.

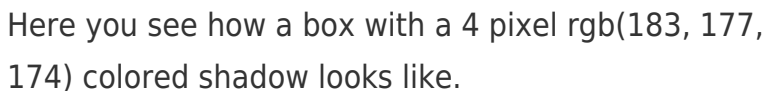
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(183, 177, 174) }
```


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

```
.border{ border-color:rgb(183, 177, 174) }
```

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



Here you see how a box with a 4 pixel `rgb(183, 177, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 177, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 177, 174);  
box-shadow:4px 4px 4px 4px rgb(183, 177,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 42.8906, 44.5676, 46.3862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 177, 174) }
```

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

```
.background{ background-color: rgb(183,  
177, 174) }
```

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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