

Converting Colors

XYZ(42.4212, 44.7549, 44.3406)

Have a look what the booklet for
XYZ(42.4212, 44.7549, 44.3406)
contains.

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Color

**XYZ(42.4675, 44.6882,
44.4176)**

Conversions

Conversions Part 1

Format	Color
Hex	B6B2AA
RGB	182, 178, 170
RGB Percent	71%, 70%, 67%
CMY	0.2863, 0.3019, 0.3333
CMYK	0.00, 0.02, 0.07, 0.29
HSL	40°, 8%, 69%
HSV	40°, 7%, 71%
XYZ	42.4675, 44.6882, 44.4176
YIQ	178.2840, 4.9520, -1.6400

Conversions

Conversions Part 2

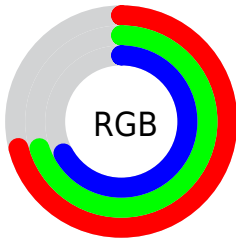
Format	Color
RYB	176, 182, 170
Decimal	11973290
CIELab	72.69, -0.02, 4.58
CIELCh	73, 4.577, 90.274
Yxy	44.6882, 0.3228, 0.3396
Android (android.graphics.Color)	4290163370 (0xFFB6B2AA)
YUV	178.2840, -4.0840, 3.2589
Hunter-Lab	66.8492, -3.5900, 7.3996

Details

The XYZ color **42.4675, 44.6882, 44.4176** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **40.1570, 42.1948, 50.2843**, and the grayscale version is **42.4875, 44.7001, 48.6784**.

A 20% lighter version of the original color is **78.2733, 82.4590, 83.0249**, and **19.6569, 20.6424, 20.0879** is the 20% darker color. If you saturate the color by 10%, you get **39.6846, 41.6892, 35.5757**, and if you desaturate by 10%, it is **45.5446, 47.8930, 54.5347**.

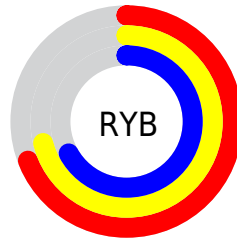
Distribution



Red (71%)

Green (70%)

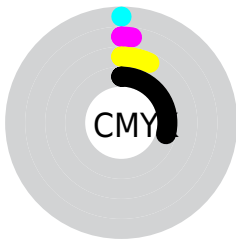
Blue (67%)



Red (69%)

Yellow (71%)

Blue (67%)

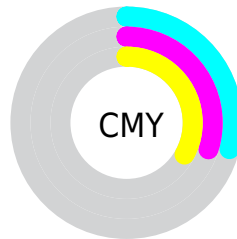


Cyan (0%)

Magenta (2%)

Yellow (7%)

Black (29%)



Cyan (29%)

Magenta (30%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.4675, 44.6882, 44.4176 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 42.4675, 44.6882, 44.4176 by changing the saturation by 10% instead.

■ 42.4675, 44.6882,
44.4176

■ 42.4675, 44.6882,
44.4176

347.3760,
365.5093, 380.5008

■ 29.6602, 31.2119,
30.6593

■ 78.1674, 82.2523,
83.1549

■ 19.7276, 20.7603,
20.0833

101.7908,
107.1089, 108.9711

■ 12.3043, 12.9489,
12.2709

129.7502,
136.5278, 139.6436

■ 7.0250, 7.3934,
6.8037

162.4111,
170.8933, 175.5910

■ 3.5242, 3.7093,
3.2631

200.1387,
210.5898, 217.2319

■ 1.4366, 1.5123,
1.2305

243.2985,

■ 0.2821, 0.2974,

256.0017, 264.9848

0.0038

292.2558,
307.5134, 319.2683

■ 0.0000, 0.0000,
0.0000

■ 42.4675, 44.6882,
44.4176

■ 42.4675, 44.6882,
44.4176

■ 39.6846, 41.6892,
35.5757

■ 45.5446, 47.8930,
54.5347

■ 37.1817, 38.8850,
27.9545

■ 48.9220, 51.3029,
65.9725

■ 34.9491, 36.2719,
21.5001

■ 52.6103, 54.9245,
78.7781

■ 32.9747, 33.8440,
16.1530

■ 56.6184, 58.7624,
92.9952

■ 31.2456, 31.5951,
11.8489

■ 59.9733, 62.4285,
103.4967

■ 29.7477, 29.5183,
8.5165

■ 61.4824, 65.4467,
103.9997

■ 28.4650, 27.6059,
6.0755

■ 63.0486, 68.5791,
104.5218

■ 27.3790, 25.8494,
4.4326

■ 64.6725, 71.8270,
105.0631

■ 26.4650, 24.2376,
3.4615

■ 66.3548, 75.1915,
105.6239

Harmonies

Analogous

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



43.2359, 44.6882, 44.9609



42.4675, 44.6882, 44.4176



41.7102, 44.6882, 44.9807

Triad

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



42.4675, 44.6882, 44.4176



41.1706, 44.6882, 50.8942



43.8136, 44.6882, 50.8570

Complementary

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



42.4675, 44.6882, 44.4176



40.1570, 42.1948, 50.2843

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.



43.2487, 44.6882, 52.5301



42.4675, 44.6882, 44.4176



41.7227, 44.6882, 52.5521

Square

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



42.4675, 44.6882, 44.4176



40.9672, 44.6882, 48.6787



42.4821, 44.6882, 53.1597



44.0189, 44.6882, 48.6370

Rectangle

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



42.4675, 44.6882, 44.4176



41.3121, 44.6882, 45.9181



42.4821, 44.6882, 53.1597



43.6591, 44.6882, 51.5045

Sweetspot

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



42.4687, 44.6901, 44.4186



79.4705, 83.6235, 88.5998



41.3067, 41.7512, 45.9267



17.5655, 18.4834, 19.6114



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.



42.4687, 44.6901, 44.4186



76.1822, 80.1593, 77.9089



42.8065, 46.0620, 44.6656



9.4914, 9.9857, 9.5341



18.5483, 16.8729, 2.2792



0.7082, 0.7035, 0.0985

Inverse Universe

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



40.1570, 42.1948, 50.2843



71.0639, 74.6345, 90.8961



39.8321, 40.8982, 50.0512



8.7589, 9.1951, 11.3926



7.1819, 4.8235, 31.8056



0.3116, 0.2869, 1.1407

Previews

White Background



This preview shows how the XYZ color 42.4675, 44.6882, 44.4176 looks on a white background.

Color Contrast Check

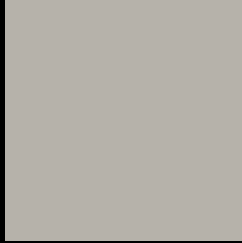
Large Text (above 18pt) WCAG AA × Fail

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 42.4675, 44.6882, 44.4176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

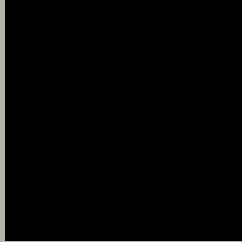
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.4675, 44.6882, 44.4176

Background



This preview shows how black text looks on a background with the XYZ color 42.4675, 44.6882, 44.4176.



This preview shows how white text looks on a background with the XYZ color 42.4675, 44.6882,

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

42.4675, 44.6882, 44.4176

Protanopia

42.7045, 44.8103, 44.4287

Deuteranopia

45.3919, 44.4511, 44.7156



Tritanopia

44.5229, 44.6484, 54.4155

Trichromacy



Original Color

42.4675, 44.6882, 44.4176

Protanomaly

42.7045, 44.8103, 44.4287

Deuteranomaly

44.2250, 44.4188, 44.7709

Tritanomaly

43.7360, 44.6184, 50.5630

Monochromacy



Original Color

42.4675, 44.6882, 44.4176

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

42.2487, 44.5196, 46.9238

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.4675, 44.6882, 44.4176 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(182, 178, 170)` looks like.

```
.text, #text, p{  
    color:rgb(182, 178, 170)  
}
```

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(182, 178, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 178, 170) }
```

Border

The CSS property to change the border of an element to XYZ 42.4675, 44.6882, 44.4176 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(182, 178, 170) }
```


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

```
.border{ border-color:rgb(182, 178, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 178, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 178, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 178, 170);  
box-shadow:4px 4px 4px 4px rgb(182, 178,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 42.4675, 44.6882, 44.4176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 178, 170) }
```

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

```
.background{ background-color: rgb(182,  
178, 170) }
```

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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