

Converting Colors

XYZ(43.7178, 49.6413, 46.6968)

Have a look what the booklet for
XYZ(43.7178, 49.6413, 46.6968)
contains.

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Color

**XYZ(43.8480, 49.7151,
46.8201)**

Conversions

Conversions Part 1

Format	Color
Hex	AEC0AD
RGB	174, 192, 173
RGB Percent	68%, 75%, 68%
CMY	0.3176, 0.2470, 0.3216
CMYK	0.09, 0.00, 0.10, 0.25
HSL	117°, 13%, 72%
HSV	117°, 10%, 75%
XYZ	43.8480, 49.7151, 46.8201
YIQ	184.4520, -4.6290, -9.7250

Conversions

Conversions Part 2

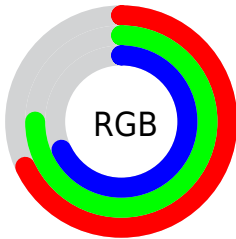
Format	Color
RYB	173, 192, 191
Decimal	11452589
CIELab	75.89, -9.75, 7.48
CIELCh	76, 12.290, 142.507
Yxy	49.7151, 0.3123, 0.3541
Android (android.graphics.Color)	4289642669 (0xFFAEC0AD)
YUV	184.4520, -5.6458, -9.1664
Hunter-Lab	70.5089, -12.3853, 9.9859

Details

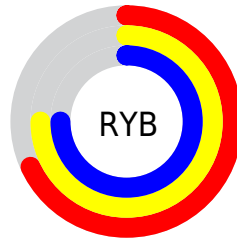
The XYZ color **43.8480, 49.7151, 46.8201** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.9459, 44.7707, 56.0918**, and the grayscale version is **45.8432, 48.2306, 52.5232**.

A 20% lighter version of the original color is **80.2041, 89.5592, 86.4582**, and **20.7098, 23.9833, 21.6269** is the 20% darker color. If you saturate the color by 10%, you get **38.3404, 47.0767, 37.5510**, and if you desaturate by 10%, it is **50.1742, 52.7475, 57.5234**.

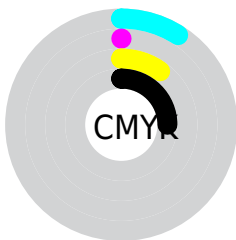
Distribution



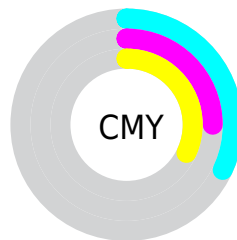
- Red (68%)
- Green (75%)
- Blue (68%)



- Red (68%)
- Yellow (75%)
- Blue (75%)



- Cyan (9%)
- Magenta (0%)
- Yellow (10%)
- Black (25%)



- Cyan (32%)
- Magenta (25%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.8480, 49.7151, 46.8201 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 43.8480, 49.7151, 46.8201 by changing the saturation by 10% instead.

■ 43.8480, 49.7151,
46.8201

■ 43.8480, 49.7151,
46.8201

352.9503,
385.5508, 390.4689

■ 30.7484, 35.1871,
32.5401

■ 80.2367, 89.7526,
86.7922

■ 20.5582, 23.8070,
21.5062

104.2566,
116.0309, 113.3214

■ 12.9121, 15.1905,
13.2997

132.6473,
146.9947, 144.7708

■ 7.4446, 8.9532,
7.5021

165.7741,
183.0285, 181.5588

■ 3.7905, 4.7107,
3.6949

204.0025,
224.5166, 224.1042

■ 1.5843, 2.0785,
1.4595

247.6978,

■ 0.3821, 0.6525,

271.8434, 272.8252

0.1875

297.2253,
325.3933, 328.1407

■ 0.0000, 0.0000,
0.0000

■ 43.8480, 49.7151,
46.8201

■ 43.8480, 49.7151,
46.8201

■ 38.3404, 47.0767,
37.5510

■ 50.1742, 52.7475,
57.5234

■ 33.6141, 44.8102,
29.6521

■ 57.3463, 56.1824,
69.7146

■ 29.6350, 42.9007,
23.0594

■ 65.3953, 60.0362,
83.4490

■ 26.3647, 41.3300,
17.7025

■ 74.3495, 64.3222,
98.7776

■ 23.7617, 40.0783,
13.5045

■ 78.1406, 66.1813,
103.2635

■ 21.7798, 39.1237,
10.3799

■ 20.3672, 38.4415,
8.2312

■ 19.4636, 38.0033,
6.9436

■ 18.9805, 37.7681,
6.2953

Harmonies

Analogous

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



45.5889, 49.7151, 43.3077



43.8480, 49.7151, 46.8201



43.0245, 49.7151, 52.5050

Triad

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



43.8480, 49.7151, 46.8201



46.6814, 49.7151, 67.6061



51.4339, 49.7151, 49.4510

Complementary

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



43.8480, 49.7151, 46.8201



45.9459, 44.7707, 56.0918

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.



51.7492, 49.7151, 55.7908



43.8480, 49.7151, 46.8201



48.9565, 49.7151, 66.6229

Square

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



43.8480, 49.7151, 46.8201



44.6257, 49.7151, 64.7540



50.8293, 49.7151, 62.1665



49.9809, 49.7151, 44.7389

Rectangle

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



43.8480, 49.7151, 46.8201



43.0873, 49.7151, 56.9053



50.8293, 49.7151, 62.1665



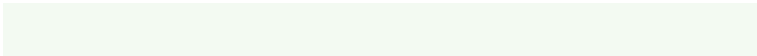
51.6783, 49.7151, 51.4489

Sweetspot

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



43.8494, 49.7172, 46.8212



87.1344, 93.7628, 97.8276



47.8560, 51.3715, 46.9293



18.4901, 20.0179, 20.6433



92.9021, 97.7402, 106.4391



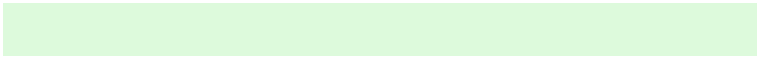
19.4759, 20.4902, 22.3138

Same Dimension

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



43.8494, 49.7172, 46.8212



77.0291, 88.9208, 80.7526



44.4493, 49.9316, 51.1382



9.9924, 11.2835, 10.7132



12.7896, 25.4221, 4.2329



0.5699, 1.1073, 0.1837

Inverse Universe

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



45.9459, 44.7707, 56.0918



81.6357, 78.0516, 101.1231



45.3108, 44.5458, 51.4311



10.4433, 10.2197, 12.7070



19.3887, 9.2557, 34.3212



0.8540, 0.4083, 1.4837

Previews

White Background



This preview shows how the XYZ color 43.8480, 49.7151, 46.8201 looks on a white background.

Color Contrast Check

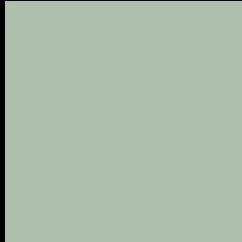
Large Text (above 18pt) WCAG AA × Fail

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 43.8480, 49.7151, 46.8201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

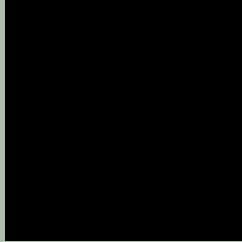
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.8480, 49.7151, 46.8201

Background



This preview shows how black text looks on a background with the XYZ color 43.8480, 49.7151, 46.8201.



This preview shows how white text looks on a background with the XYZ color 43.8480, 49.7151,

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

43.8480, 49.7151, 46.8201

Protanopia

47.0627, 49.4894, 45.1022

Deuteranopia

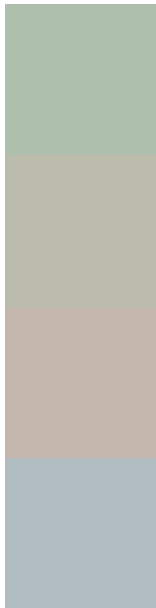
50.3536, 49.2930, 47.4180



Tritanopia

47.3531, 49.8619, 63.6285

Trichromacy



Original Color

43.8480, 49.7151, 46.8201

Protanomaly

45.8274, 49.4715, 45.6617

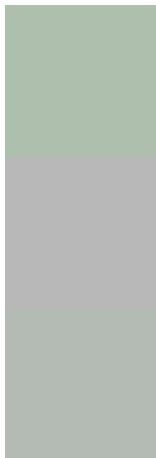
Deuteranomaly

47.5454, 49.0727, 47.0105

Tritanomaly

45.8435, 49.5481, 57.0167

Monochromacy



Original Color

43.8480, 49.7151, 46.8201

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

44.8309, 48.5392, 50.1862

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8480, 49.7151, 46.8201 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(174, 192, 173)` looks like.

```
.text, #text, p{  
    color:rgb(174, 192, 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(174, 192, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 192, 173) }
```

Border

The CSS property to change the border of an element to XYZ 43.8480, 49.7151, 46.8201 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(174, 192, 173) }
```


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

```
.border{ border-color:rgb(174, 192, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 192, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 192, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 192, 173);  
box-shadow:4px 4px 4px 4px rgb(174, 192,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8480, 49.7151, 46.8201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 192, 173) }
```

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

```
.background{ background-color: rgb(174,  
192, 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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