

Converting Colors

XYZ(44.0304, 48.1039, 48.1681)

Have a look what the booklet for
XYZ(44.0304, 48.1039, 48.1681)
contains.

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Color

**XYZ(43.9669, 48.1402,
48.0490)**

Conversions

Conversions Part 1

Format	Color
Hex	B2BBB0
RGB	178, 187, 176
RGB Percent	70%, 73%, 69%
CMY	0.3020, 0.2666, 0.3098
CMYK	0.05, 0.00, 0.06, 0.27
HSL	109°, 7%, 71%
HSV	109°, 6%, 73%
XYZ	43.9669, 48.1402, 48.0490
YIQ	183.0550, -1.8330, -5.3290

Conversions

Conversions Part 2

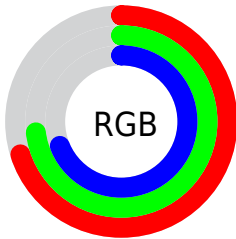
Format	Color
RYB	176, 187, 185
Decimal	11713456
CIELab	74.91, -5.17, 4.48
CIELCh	75, 6.845, 139.115
Yxy	48.1402, 0.3137, 0.3435
Android (android.graphics.Color)	4289903536 (0xFFB2BBB0)
YUV	183.0550, -3.4781, -4.4332
Hunter-Lab	69.3831, -8.3081, 7.5089

Details

The XYZ color **43.9669, 48.1402, 48.0490** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.5044, 44.9541, 53.3475**, and the grayscale version is **45.0602, 47.4069, 51.6261**.

A 20% lighter version of the original color is **80.5478, 87.4198, 88.9723**, and **20.6206, 22.8654, 22.3954** is the 20% darker color. If you saturate the color by 10%, you get **38.9256, 45.7420, 38.8107**, and if you desaturate by 10%, it is **49.6575, 50.8465, 58.6503**.

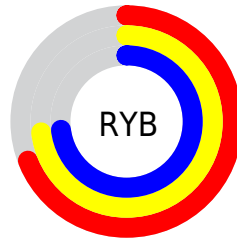
Distribution



Red (70%)

Green (73%)

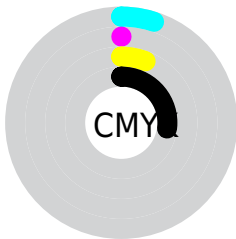
Blue (69%)



Red (69%)

Yellow (73%)

Blue (73%)

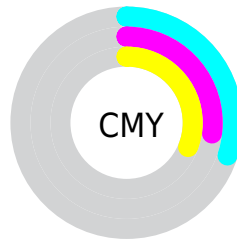


Cyan (5%)

Magenta (0%)

Yellow (6%)

Black (27%)



Cyan (30%)

Magenta (27%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.9669, 48.1402, 48.0490 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 43.9669, 48.1402, 48.0490 by changing the saturation by 10% instead.

■ 43.9669, 48.1402,
48.0490

■ 43.9669, 48.1402,
48.0490

353.4277,
379.3476, 395.5006

■ 30.8423, 33.9379,
33.5054

■ 80.4146, 87.4131,
88.6437

■ 20.6300, 22.8459,
22.2396

104.4684,
113.2525, 115.5318

■ 12.9647, 14.4798,
13.8331

132.8959,
143.7398, 147.3720

■ 7.4811, 8.4551,
7.8672

166.0626,
179.2593, 184.5826

■ 3.8137, 4.3875,
3.9236

204.3338,
220.1954, 227.5822

■ 1.5973, 1.8926,
1.5835

248.0748,

■ 0.3907, 0.5439,

266.9326, 276.7894

0.2790

297.6509,
319.8552, 332.6227

■ 0.0000, 0.0000,
0.0000

■ 43.9669, 48.1402,
48.0490

■ 43.9669, 48.1402,
48.0490

■ 38.9256, 45.7420,
38.8107

■ 49.6575, 50.8465,
58.6503

■ 34.5064, 43.6348,
30.8770

■ 56.0154, 53.8647,
70.6635

■ 30.6861, 41.8094,
24.1902

■ 63.0627, 57.2068,
84.1387

■ 27.4386, 40.2537,
18.6869

■ 70.8196, 60.8820,
99.1230

■ 24.7355, 38.9546,
14.2979

■ 76.8810, 63.9296,
102.8953

■ 22.5463, 37.8979,
10.9472

■ 77.0613, 64.0225,
102.9038

■ 20.8372, 37.0681,
8.5492

■ 19.5701, 36.4478,
7.0044

■ 18.6997, 36.0162,
6.1873

Harmonies

Analogous

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



44.9751, 48.1402, 46.1922



43.9669, 48.1402, 48.0490



43.4414, 48.1402, 51.1304

Triad

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



43.9669, 48.1402, 48.0490



45.3045, 48.1402, 59.4532



48.0590, 48.1402, 50.1998

Complementary

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



43.9669, 48.1402, 48.0490



44.5044, 44.9541, 53.3475

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.



48.1510, 48.1402, 53.7240



43.9669, 48.1402, 48.0490



46.5455, 48.1402, 59.1762

Square

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



43.9669, 48.1402, 48.0490



44.2043, 48.1402, 57.7814



47.5926, 48.1402, 57.0409



47.3433, 48.1402, 47.3944

Rectangle

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



43.9669, 48.1402, 48.0490



43.4289, 48.1402, 53.5119



47.5926, 48.1402, 57.0409



48.1644, 48.1402, 51.3362

Sweetspot

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



43.9682, 48.1423, 48.0501



82.5278, 88.0179, 93.0708



45.6775, 48.3925, 48.0083



18.1969, 19.3939, 20.5383



90.7827, 95.5105, 104.0109



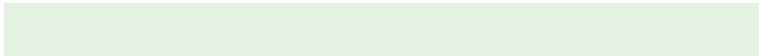
18.6292, 19.5994, 21.3438

Same Dimension

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



43.9682, 48.1423, 48.0501



77.5710, 85.6607, 83.8893



43.8620, 48.0471, 49.8681



9.7871, 10.8359, 10.5502



12.7431, 24.7452, 4.1047



0.5492, 0.9951, 0.1631

Inverse Universe

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



44.5044, 44.9541, 53.3475



78.7223, 78.8145, 95.2650



44.6217, 45.0572, 51.4292



9.9403, 9.9248, 12.0640



15.2891, 7.1679, 32.9706



0.6439, 0.3040, 1.2936

Previews

White Background



This preview shows how the XYZ color 43.9669, 48.1402, 48.0490 looks on a white background.

Color Contrast Check

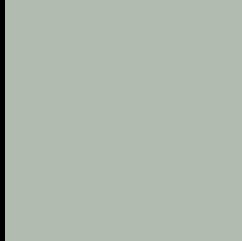
Large Text (above 18pt) WCAG AA × Fail

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 43.9669, 48.1402, 48.0490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

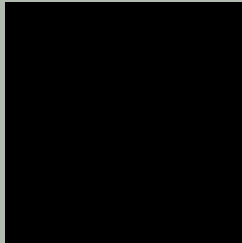
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

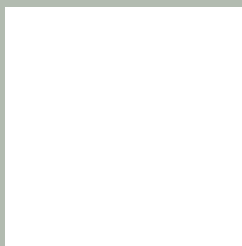
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.9669, 48.1402, 48.0490

Background



This preview shows how black text looks on a background with the XYZ color 43.9669, 48.1402, 48.0490.



This preview shows how white text looks on a background with the XYZ color 43.9669, 48.1402,

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

43.9669, 48.1402, 48.0490

Protanopia

45.8087, 47.8701, 46.8699

Deuteranopia

48.8581, 47.8925, 48.7886



Tritanopia

46.3896, 48.1820, 60.2811

Trichromacy



Original Color

43.9669, 48.1402, 48.0490

Protanomaly

45.1281, 47.8152, 47.4082

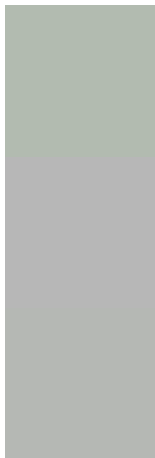
Deuteranomaly

46.9654, 47.8242, 48.3506

Tritanomaly

45.4656, 48.1189, 55.6068

Monochromacy



Original Color

43.9669, 48.1402, 48.0490

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

44.4348, 47.4000, 49.9872

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.9669, 48.1402, 48.0490 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(178, 187, 176)` looks like.

```
.text, #text, p{  
    color:rgb(178, 187, 176)  
}
```

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(178, 187, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 187, 176) }
```

Border

The CSS property to change the border of an element to XYZ 43.9669, 48.1402, 48.0490 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(178, 187, 176) }
```


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

```
.border{ border-color:rgb(178, 187, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 187, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 187, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 187, 176);  
box-shadow:4px 4px 4px 4px rgb(178, 187,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 43.9669, 48.1402, 48.0490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 187, 176) }
```

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

```
.background{ background-color: rgb(178,  
187, 176) }
```

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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