

Converting Colors

XYZ(44.0188, 46.8230, 49.7841)

Have a look what the booklet for
XYZ(44.0188, 46.8230, 49.7841)
contains.

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Color

**XYZ(43.9941, 46.8656,
49.9072)**

Conversions

Conversions Part 1

Format	Color
Hex	B4B7B4
RGB	180, 183, 180
RGB Percent	71%, 72%, 71%
CMY	0.2941, 0.2823, 0.2941
CMYK	0.02, 0.00, 0.02, 0.28
HSL	120°, 2%, 71%
HSV	120°, 2%, 72%
XYZ	43.9941, 46.8656, 49.9072
YIQ	181.7610, -0.8250, -1.5690

Conversions

Conversions Part 2

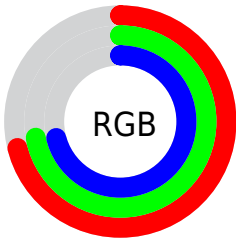
Format	Color
RYB	180, 183, 183
Decimal	11843508
CIELab	74.10, -1.61, 1.15
CIELCh	74, 1.973, 144.474
Yxy	46.8656, 0.3125, 0.3329
Android (android.graphics.Color)	4290033588 (0xFFB4B7B4)
YUV	181.7610, -0.8682, -1.5444
Hunter-Lab	68.4585, -5.0912, 4.6977

Details

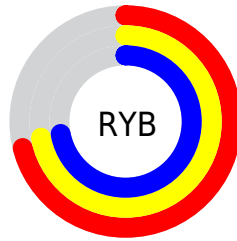
The XYZ color **43.9941, 46.8656, 49.9072** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.3987, 46.1299, 51.3661**, and the grayscale version is **44.3395, 46.6486, 50.8003**.

A 20% lighter version of the original color is **80.5989, 85.6220, 91.6356**, and **20.5658, 22.0096, 23.2430** is the 20% darker color. If you saturate the color by 10%, you get **38.2690, 44.1169, 40.5418**, and if you desaturate by 10%, it is **50.5305, 50.0068, 60.5974**.

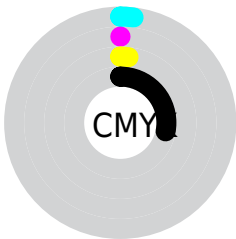
Distribution



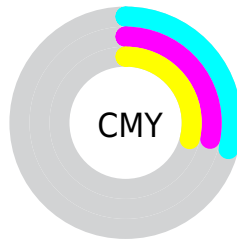
- Red (71%)
- Green (72%)
- Blue (71%)



- Red (71%)
- Yellow (72%)
- Blue (72%)



- Cyan (2%)
- Magenta (0%)
- Yellow (2%)
- Black (28%)



- Cyan (29%)
- Magenta (28%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.9941, 46.8656, 49.9072 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 43.9941, 46.8656, 49.9072 by changing the saturation by 10% instead.

■ 43.9941, 46.8656,
49.9072

■ 43.9941, 46.8656,
49.9072

353.5368,
374.2778, 403.0276

■ 30.8638, 32.9294,
34.9690

■ 80.4553, 85.5130,
91.4323

■ 20.6464, 22.0724,
23.3556

104.5168,
110.9930, 118.8562

■ 12.9768, 13.9101,
14.6486

132.9528,
141.0897, 151.2791

■ 7.4895, 8.0582,
8.4292

166.1286,
176.1875, 189.1196

■ 3.8191, 4.1322,
4.2791

204.4095,
216.6708, 232.7961

■ 1.6003, 1.7478,
1.7797

248.1610,

■ 0.3926, 0.4543,

262.9240, 282.7273

0.4145

297.7483,
315.3316, 339.3316

■ 0.0000, 0.0000,
0.0000

■ 43.9941, 46.8656,
49.9072

■ 43.9941, 46.8656,
49.9072

■ 38.2690, 44.1169,
40.5418

■ 50.5305, 50.0068,
60.5974

■ 33.3199, 41.7396,
32.4467

■ 57.9041, 53.5487,
72.6580

■ 29.1146, 39.7196,
25.5682

■ 66.1443, 57.5069,
86.1360

■ 25.6171, 38.0396,
19.8474

■ 75.2780, 61.8943,
101.0756

■ 22.7886, 36.6809,
15.2209

■ 76.2244, 62.3488,
102.6248

■ 20.5864, 35.6231,
11.6187

■ 18.9630, 34.8432,
8.9632

■ 17.8639, 34.3153,
7.1654

■ 17.2247, 34.0083,
6.1197

Harmonies

Analogous

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



44.2637, 46.8656, 49.2794



43.9941, 46.8656, 49.9072



43.8720, 46.8656, 50.8417

Triad

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



43.9941, 46.8656, 49.9072



44.4790, 46.8656, 52.9885



45.1651, 46.8656, 50.2274

Complementary

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



43.9941, 46.8656, 49.9072



44.3987, 46.1299, 51.3661

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.



45.2235, 46.8656, 51.2161



43.9941, 46.8656, 49.9072



44.8262, 46.8656, 52.8188

Square

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



43.9941, 46.8656, 49.9072



44.1510, 46.8656, 52.6275



45.0992, 46.8656, 52.1668



44.9400, 46.8656, 49.4626

Rectangle

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



43.9941, 46.8656, 49.9072



43.8902, 46.8656, 51.5162



45.0992, 46.8656, 52.1668



45.2049, 46.8656, 50.5442

Sweetspot

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



43.9954, 46.8676, 49.9082



80.6108, 84.8088, 92.3568



44.7023, 47.2320, 49.9413



17.8044, 18.7317, 20.3988



88.6918, 93.3107, 101.6153

Same Dimension

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



43.9954, 46.8676, 49.9082



78.3620, 83.7286, 88.6786



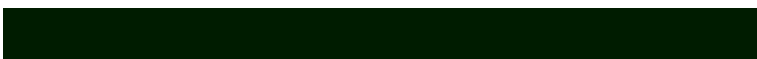
44.1493, 46.9292, 50.7184



9.8667, 10.5291, 11.1771



11.8131, 23.6262, 3.9378



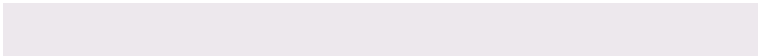
0.4164, 0.8329, 0.1388

Inverse Universe

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



44.3987, 46.1299, 51.3661



79.2544, 82.0962, 91.9046



44.2432, 46.0677, 50.5471



9.9698, 10.3405, 11.5499



19.5857, 9.4080, 32.0347



0.6904, 0.3317, 1.1293

Previews

White Background



This preview shows how the XYZ color 43.9941, 46.8656, 49.9072 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 43.9941, 46.8656, 49.9072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

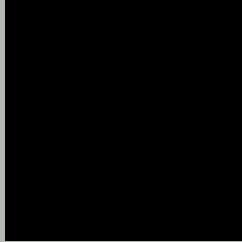
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

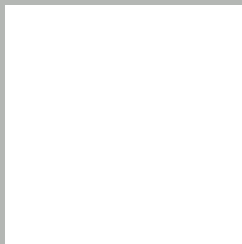
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.9941, 46.8656, 49.9072

Background



This preview shows how black text looks on a background with the XYZ color 43.9941, 46.8656, 49.9072.



This preview shows how white text looks on a background with the XYZ color 43.9941, 46.8656,

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

43.9941, 46.8656, 49.9072

Protanopia

44.9103, 46.7415, 49.3028

Deuteranopia

47.6852, 46.6662, 50.2103



Tritanopia

45.6656, 46.9330, 58.2819

Trichromacy



Original Color

43.9941, 46.8656, 49.9072

Protanomaly

44.6318, 46.9009, 49.3483

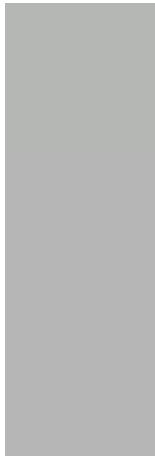
Deuteranomaly

46.4529, 46.9139, 50.3230

Tritanomaly

45.0783, 46.9974, 55.4107

Monochromacy



Original Color

43.9941, 46.8656, 49.9072

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

44.1245, 46.6159, 50.3882

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.9941, 46.8656, 49.9072 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, 183, 180)` looks like.

```
.text, #text, p{  
    color:rgb(180, 183, 180)  
}
```

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, 183, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 183, 180) }
```

Border

The CSS property to change the border of an element to XYZ 43.9941, 46.8656, 49.9072 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, 183, 180) }
```

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

```
.border{ border-color:rgb(180, 183, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 183, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 183, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 183, 180);  
box-shadow:4px 4px 4px 4px rgb(180, 183,  
180) }
```


Background

The CSS property to change the background color of an element to XYZ 43.9941, 46.8656, 49.9072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 183, 180) }
```

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

```
.background{ background-color: rgb(180,  
183, 180) }
```

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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