

Converting Colors

XYZ(43.8471, 46.0418, 48.6233)

Have a look what the booklet for
XYZ(43.8471, 46.0418, 48.6233)
contains.

XYZ(43.8856, 45.9241, 48.6707)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(43.8856, 45.9241,
48.6707)**

Conversions

Conversions Part 1

Format	Color
Hex	B7B4B2
RGB	183, 180, 178
RGB Percent	72%, 71%, 70%
CMY	0.2823, 0.2941, 0.3020
CMYK	0.00, 0.02, 0.03, 0.28
HSL	24°, 3%, 71%
HSV	24°, 3%, 72%
XYZ	43.8856, 45.9241, 48.6707
YIQ	180.6690, 2.4300, 0.0140

Conversions

Conversions Part 2

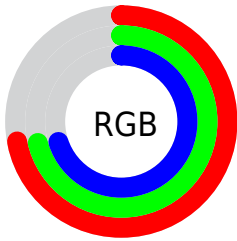
Format	Color
RYB	183, 181, 178
Decimal	12039346
CIELab	73.50, 0.69, 1.38
CIELCh	73, 1.548, 63.347
Yxy	45.9241, 0.3169, 0.3316
Android (android.graphics.Color)	4290229426 (0xFFB7B4B2)
YUV	180.6690, -1.3158, 2.0443
Hunter-Lab	67.7673, -2.9976, 4.8549

Details

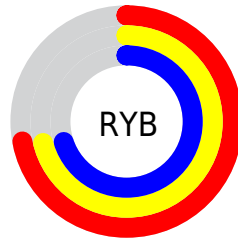
The XYZ color **43.8856, 45.9241, 48.6707** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.4313, 45.9312, 51.3770**, and the grayscale version is **43.7493, 46.0277, 50.1241**.

A 20% lighter version of the original color is **80.4433, 84.2821, 89.8702**, and **20.4970, 21.4052, 22.4534** is the 20% darker color. If you saturate the color by 10%, you get **40.0423, 40.9840, 38.9210**, and if you desaturate by 10%, it is **48.1520, 51.3168, 59.7719**.

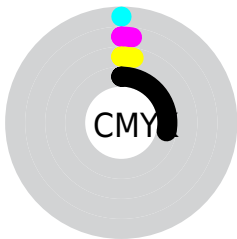
Distribution



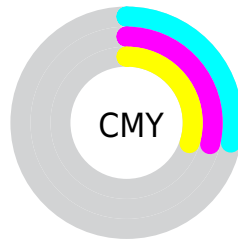
- Red (72%)
- Green (71%)
- Blue (70%)



- Red (72%)
- Yellow (71%)
- Blue (70%)



- Cyan (0%)
- Magenta (2%)
- Yellow (3%)
- Black (28%)



- Cyan (28%)
- Magenta (29%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.8856, 45.9241, 48.6707 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 43.8856, 45.9241, 48.6707 by changing the saturation by 10% instead.

■ 43.8856, 45.9241,
48.6707

■ 43.8856, 45.9241,
48.6707

353.1013,
370.5034, 398.0296

■ 30.7781, 32.1859,
33.9946

■ 80.2930, 84.1054,
89.5781

■ 20.5809, 21.5036,
22.6121

104.3236,
109.3173, 116.6464

■ 12.9287, 13.4926,
14.1047

132.7259,
139.1226, 148.6826

■ 7.4562, 7.7686,
8.0540

165.8654,
173.9057, 186.1051

■ 3.7978, 3.9472,
4.0412

204.1073,
214.0509, 229.3326

■ 1.5884, 1.6441,
1.6480

247.8170,

■ 0.3848, 0.3871,

259.9426, 278.7834

0.3247

297.3599,
311.9654, 334.8763

■ 0.0000, 0.0000,
0.0000

■ 43.8856, 45.9241,
48.6707

■ 43.8856, 45.9241,
48.6707

■ 40.0423, 40.9840,
38.9210

■ 48.1520, 51.3168,
59.7719

■ 36.6044, 36.4786,
30.4678

■ 52.8505, 57.1676,
72.2708

■ 33.5589, 32.3974,
23.2566

■ 57.9949, 63.4894,
86.2152

■ 30.8904, 28.7273,
17.2278

■ 63.5971, 70.2930,
101.6497

■ 28.5823, 25.4546,
12.3170

■ 67.2445, 76.6189,
105.8525

■ 26.6168, 22.5643,
8.4535

■ 70.4799, 83.0898,
106.9310

■ 24.9744, 20.0409,
5.5583

■ 73.3388, 88.8074,
107.8839

■ 23.6329, 17.8671,
3.5413

■ 22.5666, 16.0238,
2.2945

Harmonies

Analogous

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



44.0899, 45.9241, 49.1809



43.8856, 45.9241, 48.6707



43.6188, 45.9241, 48.5163

Triad

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



43.8856, 45.9241, 48.6707



43.1271, 45.9241, 50.0914



43.9389, 45.9241, 51.2711

Complementary

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



43.8856, 45.9241, 48.6707



43.4313, 45.9312, 51.3770

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.



43.6802, 45.9241, 51.5208



43.8856, 45.9241, 48.6707



43.2120, 45.9241, 50.8353

Square

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



43.8856, 45.9241, 48.6707



43.1816, 45.9241, 49.3316



43.4142, 45.9241, 51.3605



44.1208, 45.9241, 50.6816

Rectangle

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



43.8856, 45.9241, 48.6707



43.4416, 45.9241, 48.6347



43.4142, 45.9241, 51.3605



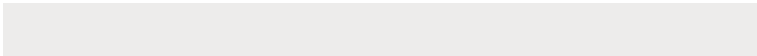
43.8580, 45.9241, 51.3979

Sweetspot

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



43.8869, 45.9261, 48.6717



79.8559, 83.8504, 90.4055



43.7900, 45.2450, 50.1420



17.6463, 18.5309, 19.9900



88.6918, 93.3107, 101.6153



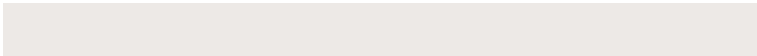
17.8044, 18.7317, 20.3988

Same Dimension

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



43.8869, 45.9261, 48.6717



78.3696, 81.9585, 86.5781



44.3956, 46.9435, 48.8413



9.7829, 10.2166, 10.7167



15.3630, 10.5023, 1.2174



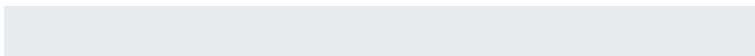
0.6027, 0.4924, 0.0633

Inverse Universe

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



43.4313, 45.9312, 51.3770



77.4608, 81.9687, 91.9746



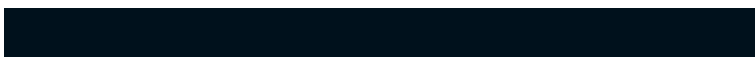
42.9281, 44.9247, 51.2093



9.6436, 10.2181, 11.5435



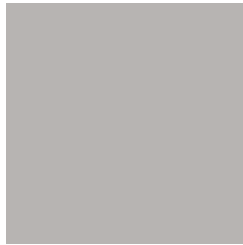
9.8981, 10.2558, 32.7110



0.4078, 0.4792, 1.1728

Previews

White Background



This preview shows how the XYZ color 43.8856, 45.9241, 48.6707 looks on a white background.

Color Contrast Check

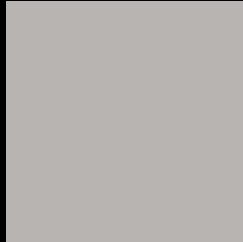
Large Text (above 18pt) WCAG AA × Fail

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 43.8856, 45.9241, 48.6707 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

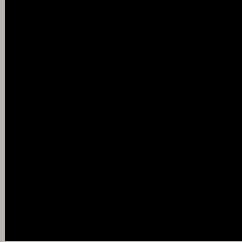
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

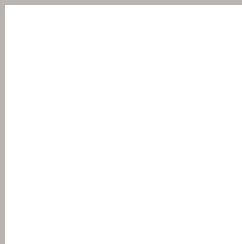
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.8856, 45.9241, 48.6707

Background



This preview shows how black text looks on a background with the XYZ color 43.8856, 45.9241, 48.6707.



This preview shows how white text looks on a background with the XYZ color 43.8856, 45.9241,

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

43.8856, 45.9241, 48.6707

Protanopia

44.1243, 46.0472, 48.6819

Deuteranopia

46.7554, 45.9204, 49.0471



Tritanopia

45.4424, 45.9608, 56.3454

Trichromacy



Original Color

43.8856, 45.9241, 48.6707

Protanomaly

44.1243, 46.0472, 48.6819

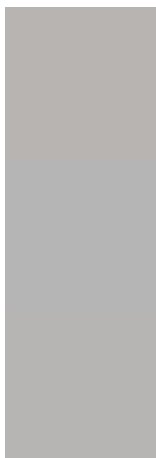
Deuteranomaly

45.8511, 46.0364, 49.1171

Tritanomaly

44.8569, 46.0184, 53.5319

Monochromacy



Original Color

43.8856, 45.9241, 48.6707

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

44.0535, 46.2881, 49.7926

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8856, 45.9241, 48.6707 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, 180, 178)` looks like.

```
.text, #text, p{  
    color:rgb(183, 180, 178)  
}
```

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, 180, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 180, 178) }
```

Border

The CSS property to change the border of an element to XYZ 43.8856, 45.9241, 48.6707 is called "border". The border property can be set on classes, ids or directly on the HTML element.

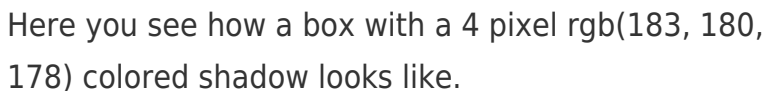
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(183, 180, 178) }
```


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

```
.border{ border-color:rgb(183, 180, 178) }
```

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



Here you see how a box with a 4 pixel `rgb(183, 180, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 180, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 180, 178); box-shadow:4px 4px 4px 4px rgb(183, 180, 178) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8856, 45.9241, 48.6707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 180, 178) }
```

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

```
.background{ background-color: rgb(183,  
180, 178) }
```

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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