

Converting Colors

XYZ(43.4635, 45.0870, 48.4856)

Have a look what the booklet for
XYZ(43.4635, 45.0870, 48.4856)
contains.

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Color

**XYZ(43.4847, 45.1224,
48.5371)**

Conversions

Conversions Part 1

Format	Color
Hex	B7B2B2
RGB	183, 178, 178
RGB Percent	72%, 70%, 70%
CMY	0.2823, 0.3019, 0.3020
CMYK	0.00, 0.03, 0.03, 0.28
HSL	0°, 3%, 71%
HSV	0°, 3%, 72%
XYZ	43.4847, 45.1224, 48.5371
YIQ	179.4950, 2.9800, 1.0600

Conversions

Conversions Part 2

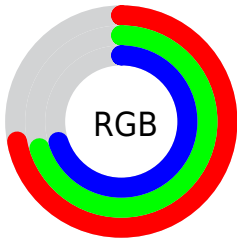
Format	Color
RYB	183, 178, 178
Decimal	12038834
CIELab	72.97, 1.77, 0.62
CIElCh	73, 1.877, 19.292
Yxy	45.1224, 0.3171, 0.3290
Android (android.graphics.Color)	4290228914 (0xFFB7B2B2)
YUV	179.4950, -0.7370, 3.0739
Hunter-Lab	67.1732, -2.0008, 4.1803

Details

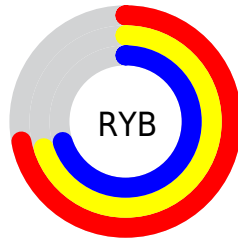
The XYZ color **43.4847, 45.1224, 48.5371** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.8408, 46.7502, 51.5134**, and the grayscale version is **43.1157, 45.3610, 49.3982**.

A 20% lighter version of the original color is **79.8707, 83.1369, 89.6793**, and **20.2412, 20.8937, 22.3681** is the 20% darker color. If you saturate the color by 10%, you get **38.3693, 37.6381, 38.3634**, and if you desaturate by 10%, it is **49.3330, 53.6789, 60.1656**.

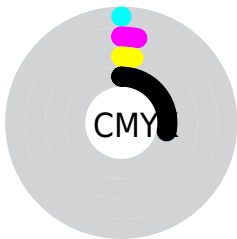
Distribution



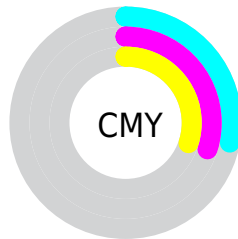
- Red (72%)
- Green (70%)
- Blue (70%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.4847, 45.1224, 48.5371 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 43.4847, 45.1224, 48.5371 by changing the saturation by 10% instead.

■ 43.4847, 45.1224,
48.5371

■ 43.4847, 45.1224,
48.5371

351.4891,
367.2691, 397.4871

■ 30.4618, 31.5538,
33.8894

■ 79.6929, 82.9041,
89.3774

■ 20.3392, 21.0210,
22.5320

103.6090,
107.8859, 116.4071

■ 12.7515, 13.1393,
14.0463

131.8867,
137.4411, 148.4012

■ 7.3335, 7.5246,
8.0137

164.8916,
171.9538, 185.7783

■ 3.7197, 3.7923,
4.0158

202.9889,
211.8086, 228.9569

■ 1.5448, 1.5580,
1.6340

246.5440,

■ 0.3560, 0.3291,

257.3898, 278.3555

0.3149

295.9223,
309.0818, 334.3928

■ 0.0000, 0.0000,
0.0000

■ 43.4847, 45.1224,
48.5371

■ 43.4847, 45.1224,
48.5371

■ 38.3693, 37.6381,
38.3634

■ 49.3330, 53.6789,
60.1656

■ 33.9543, 31.1783,
29.5845

■ 55.9374, 63.3415,
73.2998

■ 30.2103, 25.7002,
22.1404

■ 63.3250, 74.1497,
87.9919

■ 27.1045, 21.1557,
15.9659

■ 71.5202, 86.1393,
104.2906

■ 24.6014, 17.4928,
10.9901

■ 73.3387, 88.8074,
107.8839

■ 22.6618, 14.6544,
7.1352

■ 21.2421, 12.5766,
4.3143

■ 20.2923, 11.1862,
2.4278

■ 19.7524, 10.3956,
1.3565

Harmonies

Analogous

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



43.5093, 45.1224, 49.4665



43.4847, 45.1224, 48.5371



43.2996, 45.1224, 47.7759

Triad

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



43.4847, 45.1224, 48.5371



42.4118, 45.1224, 47.9635



42.7706, 45.1224, 50.9244

Complementary

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



43.4847, 45.1224, 48.5371



43.8408, 46.7502, 51.5134

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.



42.4780, 45.1224, 50.5107



43.4847, 45.1224, 48.5371



42.2716, 45.1224, 48.7962

Square

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



43.4847, 45.1224, 48.5371



42.6797, 45.1224, 47.4477



42.2958, 45.1224, 49.7290



43.0959, 45.1224, 50.8529

Rectangle

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



43.4847, 45.1224, 48.5371



43.1106, 45.1224, 47.4626



42.2958, 45.1224, 49.7290



42.6652, 45.1224, 50.8373

Sweetspot

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



43.4860, 45.1244, 48.5381



79.5839, 83.3065, 90.3148



43.9967, 45.3277, 51.2306



17.5893, 18.4169, 19.9710



88.6918, 93.3107, 101.6153



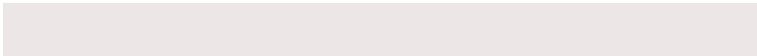
17.8044, 18.7317, 20.3988

Same Dimension

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



43.4860, 45.1244, 48.5381



77.5710, 80.3614, 86.3119



43.9873, 46.1271, 48.7052



9.6609, 9.9726, 10.6761



13.6244, 7.0252, 0.6379



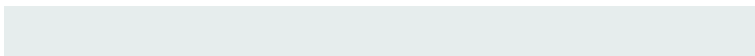
0.4804, 0.2480, 0.0225

Inverse Universe

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



43.8408, 46.7502, 51.5134



78.2789, 83.6048, 92.2473



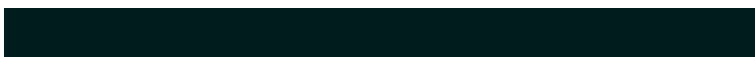
43.3304, 45.7293, 51.3432



9.7693, 10.4695, 11.5853



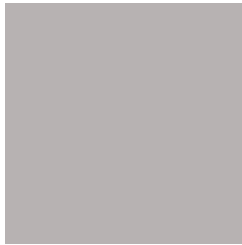
17.7597, 25.9791, 35.3315



0.6262, 0.9161, 1.2456

Previews

White Background



This preview shows how the XYZ color 43.4847, 45.1224, 48.5371 looks on a white background.

Color Contrast Check

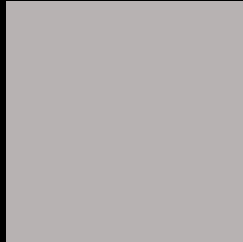
Large Text (above 18pt) WCAG AA × Fail

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 43.4847, 45.1224, 48.5371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

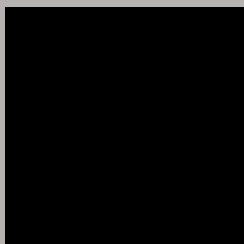
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

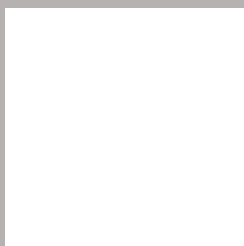
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.4847, 45.1224, 48.5371

Background



This preview shows how black text looks on a background with the XYZ color 43.4847, 45.1224, 48.5371.



This preview shows how white text looks on a background with the XYZ color 43.4847, 45.1224,

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

43.4847, 45.1224, 48.5371

Protanopia

43.2477, 45.0002, 48.5260

Deuteranopia

45.8452, 44.8776, 48.8938



Tritanopia

44.8272, 45.0827, 55.0544

Trichromacy



Original Color

43.4847, 45.1224, 48.5371

Protanomaly

43.2477, 45.0002, 48.5260

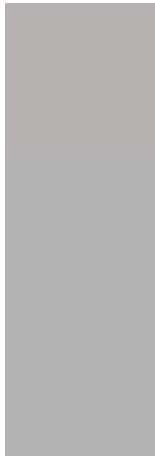
Deuteranomaly

44.9525, 44.9910, 48.9627

Tritanomaly

44.3522, 45.1798, 52.8373

Monochromacy



Original Color

43.4847, 45.1224, 48.5371

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

43.0792, 45.1982, 49.1014

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4847, 45.1224, 48.5371 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, 178, 178)` looks like.

```
.text, #text, p{  
    color:rgb(183, 178, 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, 178, 178) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 43.4847, 45.1224, 48.5371 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, 178, 178) }
```


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

```
.border{ border-color:rgb(183, 178, 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, 178, 178)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 43.4847, 45.1224, 48.5371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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