

Converting Colors

XYZ(43.9933, 48.4033, 51.3519)

Have a look what the booklet for
XYZ(43.9933, 48.4033, 51.3519)
contains.

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Color

**XYZ(43.8823, 48.3425,
51.2742)**

Conversions

Conversions Part 1

Format	Color
Hex	AEBCB6
RGB	174, 188, 182
RGB Percent	68%, 74%, 71%
CMY	0.3176, 0.2627, 0.2863
CMYK	0.07, 0.00, 0.03, 0.26
HSL	154°, 9%, 71%
HSV	154°, 7%, 74%
XYZ	43.8823, 48.3425, 51.2742
YIQ	183.1300, -6.4180, -4.8340

Conversions

Conversions Part 2

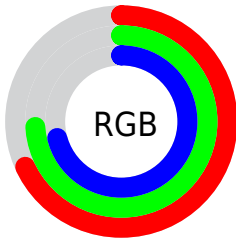
Format	Color
RYB	174, 183, 188
Decimal	11451574
CIELab	75.04, -5.97, 1.37
CIELCh	75, 6.126, 167.112
Yxy	48.3425, 0.3058, 0.3369
Android (android.graphics.Color)	4289641654 (0xFFFAEBCB6)
YUV	183.1300, -0.5571, -8.0070
Hunter-Lab	69.5288, -9.0171, 4.9466

Details

The XYZ color **43.8823, 48.3425, 51.2742** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.1151, 44.2600, 49.4002**, and the grayscale version is **45.0877, 47.4357, 51.6575**.

A 20% lighter version of the original color is **80.0964, 87.5324, 93.5628**, and **20.6525, 23.0505, 24.1296** is the 20% darker color. If you saturate the color by 10%, you get **39.1746, 46.0105, 46.8309**, and if you desaturate by 10%, it is **49.2269, 51.0001, 55.9996**.

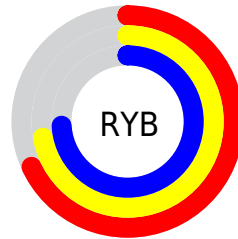
Distribution



Red (68%)

Green (74%)

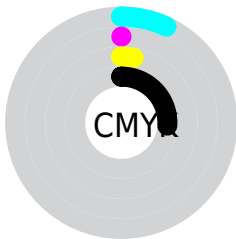
Blue (71%)



Red (68%)

Yellow (72%)

Blue (74%)

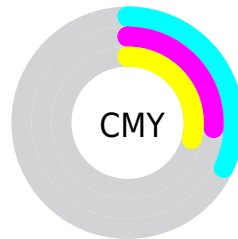


Cyan (7%)

Magenta (0%)

Yellow (3%)

Black (26%)



Cyan (32%)

Magenta (26%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.8823, 48.3425, 51.2742 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 43.8823, 48.3425, 51.2742 by changing the saturation by 10% instead.

■ 43.8823, 48.3425,
51.2742

■ 43.8823, 48.3425,
51.2742

353.0881,
380.1481, 408.5051

■ 30.7755, 34.0982,
36.0486

■ 80.2880, 87.7141,
93.4756

■ 20.5789, 22.9690,
24.1818

104.3177,
113.6103, 121.2885

■ 12.9273, 14.5707,
15.2551

132.7190,
144.1591, 154.1343

■ 7.4551, 8.5186,
8.8500

165.8574,
179.7451, 192.4315

■ 3.7972, 4.4286,
4.5480

204.0981,
220.7526, 236.5986

■ 1.5880, 1.9161,
1.9305

247.8066,

■ 0.3846, 0.5580,

267.5660, 287.0542

0.5121

297.3481,
320.5697, 344.2169

■ 0.0000, 0.0000,
0.0000

■ 43.8823, 48.3425,
51.2742

■ 43.8823, 48.3425,
51.2742

■ 39.1746, 46.0105,
46.8309

■ 49.2269, 51.0001,
55.9996

■ 35.0748, 43.9850,
42.6612

■ 55.2279, 53.9891,
61.0091

■ 31.5575, 42.2544,
38.7606

■ 61.9091, 57.3229,
66.3087

■ 28.5939, 40.8040,
35.1233

■ 69.2917, 61.0126,
71.9033

■ 26.1526, 39.6178,
31.7434

■ 72.4491, 62.5182,
77.5663

■ 24.1992, 38.6780,
28.6146

■ 73.5575, 62.9616,
83.4030

■ 22.6945, 37.9646,
25.7303

■ 74.7182, 63.4259,
89.5156

■ 21.5932, 37.4543,
23.0834

■ 75.9321, 63.9114,
95.9076

■ 20.8297, 37.1134,
20.6656

■ 77.1997, 64.4185,
102.5826

Harmonies

Analogous

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



44.3895, 48.3425, 48.5532



43.8823, 48.3425, 51.2742



43.9221, 48.3425, 54.4709

Triad

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



43.8823, 48.3425, 51.2742



46.5842, 48.3425, 58.7488



47.4281, 48.3425, 48.2495

Complementary

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



43.8823, 48.3425, 51.2742



44.1151, 44.2600, 49.4002

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.



48.0354, 48.3425, 50.8442



43.8823, 48.3425, 51.2742



47.5428, 48.3425, 56.9431

Square

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



43.8823, 48.3425, 51.2742



45.4698, 48.3425, 58.8754



48.0777, 48.3425, 54.0233



46.4297, 48.3425, 46.8552

Rectangle

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



43.8823, 48.3425, 51.2742



44.2534, 48.3425, 56.4433



48.0777, 48.3425, 54.0233



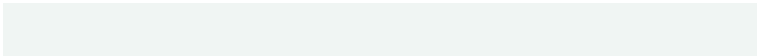
47.6855, 48.3425, 49.0053

Sweetspot

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



43.8837, 48.3446, 51.2753



84.6271, 90.1454, 97.4971



44.4628, 48.7359, 47.1087



18.2206, 19.3962, 20.9856



90.7827, 95.5105, 104.0109



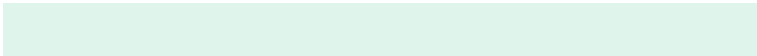
18.6292, 19.5994, 21.3438

Same Dimension

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



43.8837, 48.3446, 51.2753



77.9987, 86.8537, 91.5200



44.3188, 48.2005, 54.5471



9.6310, 10.7385, 11.3063



14.1032, 25.2316, 13.8723



0.5846, 1.0012, 0.7127

Inverse Universe

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



44.1151, 44.2600, 49.4002



78.5079, 77.8663, 87.3944



43.6975, 44.3826, 46.3088



9.6954, 9.6024, 10.7848



15.1568, 7.6939, 6.1192



0.6265, 0.3145, 0.4124

Previews

White Background



This preview shows how the XYZ color 43.8823, 48.3425, 51.2742 looks on a white background.

Color Contrast Check

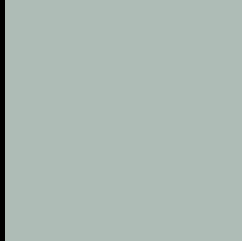
Large Text (above 18pt) WCAG AA × Fail

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 43.8823, 48.3425, 51.2742 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

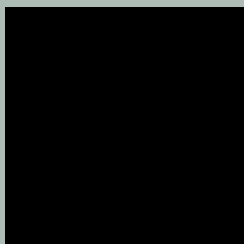
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

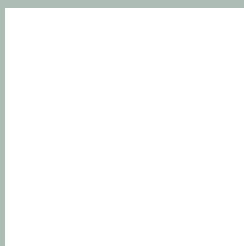
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.8823, 48.3425, 51.2742

Background



This preview shows how black text looks on a background with the XYZ color 43.8823, 48.3425, 51.2742.



This preview shows how white text looks on a background with the XYZ color 43.8823, 48.3425,

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

43.8823, 48.3425, 51.2742

Protanopia

46.3650, 48.3951, 50.0775

Deuteranopia

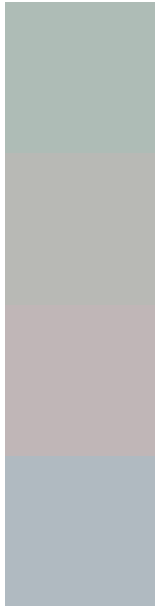
49.1289, 48.2574, 52.0726



Tritanopia

45.9058, 48.2152, 61.5305

Trichromacy



Original Color

43.8823, 48.3425, 51.2742

Protanomaly

45.4566, 48.2245, 50.6285

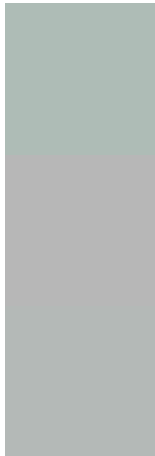
Deuteranomaly

47.0134, 48.0813, 51.6025

Tritanomaly

45.0890, 48.1982, 57.3788

Monochromacy



Original Color

43.8823, 48.3425, 51.2742

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

44.7186, 47.8201, 51.6730

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8823, 48.3425, 51.2742 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, 188, 182)` looks like.

```
.text, #text, p{  
    color:rgb(174, 188, 182)  
}
```

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, 188, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 188, 182) }
```

Border

The CSS property to change the border of an element to XYZ 43.8823, 48.3425, 51.2742 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, 188, 182) }
```


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

```
.border{ border-color:rgb(174, 188, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 188, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 188, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 188, 182);  
box-shadow:4px 4px 4px 4px rgb(174, 188,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8823, 48.3425, 51.2742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 188, 182) }
```

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

```
.background{ background-color: rgb(174,  
188, 182) }
```

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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