

Converting Colors

XYZ(41.0446, 43.2548, 48.5168)

Have a look what the booklet for
XYZ(41.0446, 43.2548, 48.5168)
contains.

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Color

**XYZ(41.0168, 43.2637,
48.3084)**

Conversions

Conversions Part 1

Format	Color
Hex	AEB0B2
RGB	174, 176, 178
RGB Percent	68%, 69%, 70%
CMY	0.3176, 0.3098, 0.3020
CMYK	0.02, 0.01, 0.00, 0.30
HSL	210°, 3%, 69%
HSV	210°, 2%, 70%
XYZ	41.0168, 43.2637, 48.3084
YIQ	175.6300, -1.8340, 0.1980

Conversions

Conversions Part 2

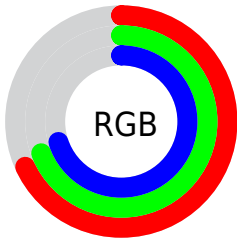
Format	Color
RYB	174, 175, 178
Decimal	11448498
CIELab	71.73, -0.32, -1.28
CIELCh	72, 1.315, 255.947
Yxy	43.2637, 0.3094, 0.3263
Android (android.graphics.Color)	4289638578 (0xFFFAEB0B2)
YUV	175.6300, 1.1684, -1.4295
Hunter-Lab	65.7751, -3.7955, 2.4972

Details

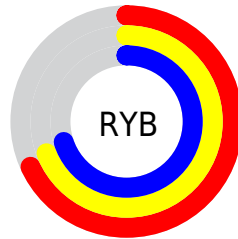
The XYZ color **41.0168, 43.2637, 48.3084** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.5255, 43.5712, 46.2666**, and the grayscale version is **41.0701, 43.2089, 47.0545**.

A 20% lighter version of the original color is **76.0210, 80.3118, 89.3369**, and **18.9354, 20.0335, 22.2709** is the 20% darker color. If you saturate the color by 10%, you get **35.6254, 37.9827, 47.5739**, and if you desaturate by 10%, it is **47.0503, 49.0475, 49.1074**.

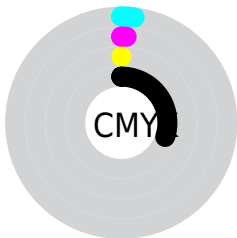
Distribution



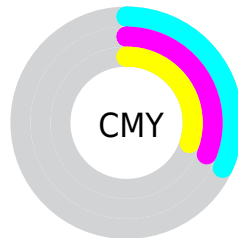
- Red (68%)
- Green (69%)
- Blue (70%)



- Red (68%)
- Yellow (69%)
- Blue (70%)



- Cyan (2%)
- Magenta (1%)
- Yellow (0%)
- Black (30%)



- Cyan (32%)
- Magenta (31%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.0168, 43.2637, 48.3084 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 41.0168, 43.2637, 48.3084 by changing the saturation by 10% instead.

■ 41.0168, 43.2637,
48.3084

■ 41.0168, 43.2637,
48.3084

341.4522,
359.6951, 396.5572

■ 28.5199, 30.0921,
33.7095

■ 75.9839, 80.1086,
89.0337

■ 18.8604, 19.9085,
22.3949

99.1849, 104.5507,
115.9972

■ 11.6729, 12.3285,
13.9463

126.6847,
133.5185, 147.9192

■ 6.5919, 6.9678,
7.9450

158.8485,
167.3962, 185.2184

■ 3.2523, 3.4420,
3.9725

196.0419,
206.5683, 228.3132

■ 1.2885, 1.3666,
1.6103

238.6300,

■ 0.1746, 0.1919,

251.4193, 277.6223

0.2981

286.9784,
302.3334, 333.5641

■ 0.0000, 0.0000,
0.0000

■ 41.0168, 43.2637,
48.3084

■ 41.0168, 43.2637,
48.3084

■ 35.6254, 37.9827,
47.5739

■ 47.0503, 49.0475,
49.1074

■ 30.8498, 33.1841,
46.8994

■ 53.7436, 55.3428,
49.9698

■ 26.6671, 28.8540,
46.2840

■ 61.1186, 62.1649,
50.8979

■ 23.0515, 24.9757,
45.7260

■ 69.1946, 69.5271,
51.8933

■ 19.9752, 21.5314,
45.2233

■ 74.9849, 75.8923,
52.8167

■ 17.4080, 18.5017,
44.7738

■ 77.3860, 80.6945,
53.6171

■ 15.3161, 15.8655,
44.3752

■ 79.9131, 85.7486,
54.4594

■ 13.6614, 13.5992,
44.0250

■ 82.5680, 91.0583,
55.3444

■ 12.3986, 11.6754,
43.7202

■ 85.0360, 95.9944,
56.1670

Harmonies

Analogous

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



40.8234, 43.2637, 47.9951



41.0168, 43.2637, 48.3084



41.2388, 43.2637, 48.2977

Triad

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



41.0168, 43.2637, 48.3084



41.5346, 43.2637, 46.7701



40.8134, 43.2637, 46.2579

Complementary

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



41.0168, 43.2637, 48.3084



41.5255, 43.5712, 46.2666

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.



41.0031, 43.2637, 45.9357



41.0168, 43.2637, 48.3084



41.4198, 43.2637, 46.2296

Square

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



41.0168, 43.2637, 48.3084



41.5383, 43.2637, 47.4057



41.2251, 43.2637, 45.9253



40.7062, 43.2637, 46.8092

Rectangle

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



41.0168, 43.2637, 48.3084



41.3731, 43.2637, 48.1082



41.2251, 43.2637, 45.9253



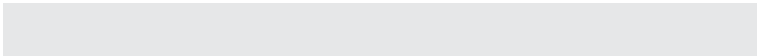
40.8696, 43.2637, 46.1194

Sweetspot

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



41.0180, 43.2655, 48.3093



75.6645, 79.6984, 87.7766



41.2065, 43.9721, 47.3561



16.7760, 17.6692, 19.4486



86.6293, 91.1408, 99.2523



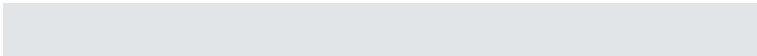
17.0014, 17.8868, 19.4787

Same Dimension

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



41.0180, 43.2655, 48.3093



73.5532, 77.6541, 87.4933



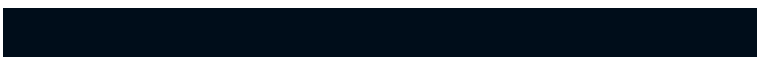
40.6411, 42.5116, 48.1837



9.0682, 9.5811, 10.8777



8.3765, 7.5533, 31.1534



0.3219, 0.3543, 0.9997

Inverse Universe

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



41.3336, 42.8725, 47.1732



74.3276, 76.6959, 84.7038



41.9079, 44.3359, 46.3940



9.1856, 9.4366, 10.4546



14.4627, 7.3026, 7.5965



0.4845, 0.2415, 0.3941

Previews

White Background



This preview shows how the XYZ color 41.0168, 43.2637, 48.3084 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 41.0168, 43.2637, 48.3084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

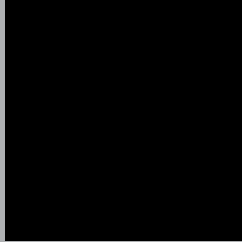
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.0168, 43.2637, 48.3084

Background



This preview shows how black text looks on a background with the XYZ color 41.0168, 43.2637, 48.3084.

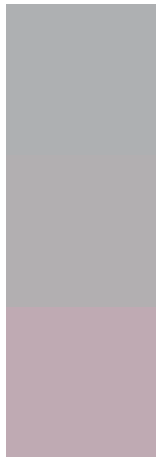


This preview shows how white text looks on a background with the XYZ color 41.0168, 43.2637,

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

41.0168, 43.2637, 48.3084

Protanopia

41.6259, 43.2992, 47.7586

Deuteranopia

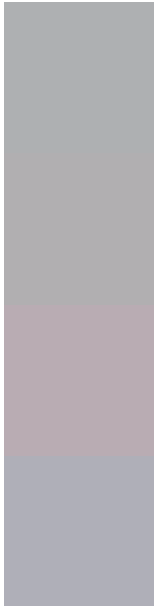
43.9973, 43.0805, 48.6443



Tritanopia

42.1176, 43.1331, 53.6826

Trichromacy



Original Color

41.0168, 43.2637, 48.3084

Protanomaly

41.3972, 43.1814, 47.7479

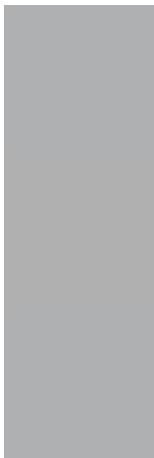
Deuteranomaly

42.8968, 43.0740, 48.7010

Tritanomaly

41.6609, 43.2346, 51.4967

Monochromacy



Original Color

41.0168, 43.2637, 48.3084

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.1403, 43.3390, 47.7919

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0168, 43.2637, 48.3084 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, 176, 178)` looks like.

```
.text, #text, p{  
    color:rgb(174, 176, 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(174, 176, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 176, 178) }
```

Border

The CSS property to change the border of an element to XYZ 41.0168, 43.2637, 48.3084 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, 176, 178) }
```


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

```
.border{ border-color:rgb(174, 176, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 176, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 176, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 176, 178);  
box-shadow:4px 4px 4px 4px rgb(174, 176,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 41.0168, 43.2637, 48.3084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 176, 178) }
```

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

```
.background{ background-color: rgb(174,  
176, 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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