

Converting Colors

XYZ(42.6635, 46.7081, 48.3913)

Have a look what the booklet for
XYZ(42.6635, 46.7081, 48.3913)
contains.

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Color

**XYZ(42.7403, 46.8709,
48.3893)**

Conversions

Conversions Part 1

Format	Color
Hex	AEB9B1
RGB	174, 185, 177
RGB Percent	68%, 73%, 69%
CMY	0.3176, 0.2745, 0.3059
CMYK	0.06, 0.00, 0.04, 0.27
HSL	136°, 7%, 70%
HSV	136°, 6%, 73%
XYZ	42.7403, 46.8709, 48.3893
YIQ	180.7990, -3.9880, -4.8200

Conversions

Conversions Part 2

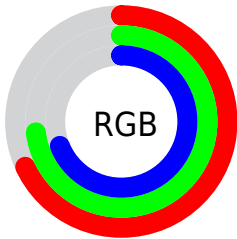
Format	Color
RYB	174, 183, 185
Decimal	11450801
CIELab	74.11, -5.33, 2.73
CIELCh	74, 5.989, 152.864
Yxy	46.8709, 0.3097, 0.3396
Android (android.graphics.Color)	4289640881 (0xFFFAEB9B1)
YUV	180.7990, -1.8729, -5.9627
Hunter-Lab	68.4623, -8.3734, 6.0173

Details

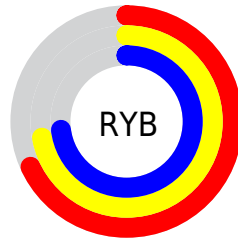
The XYZ color **42.7403, 46.8709, 48.3893** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.5888, 43.9649, 50.4469**, and the grayscale version is **43.8248, 46.1071, 50.2107**.

A 20% lighter version of the original color is **78.4764, 85.4518, 89.4485**, and **19.9154, 22.0953, 22.2840** is the 20% darker color. If you saturate the color by 10%, you get **37.6236, 44.3819, 41.4907**, and if you desaturate by 10%, it is **48.5596, 49.7095, 56.0132**.

Distribution



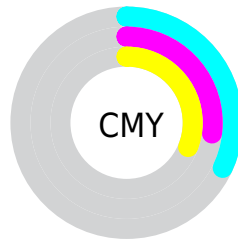
- Red (68%)
- Green (73%)
- Blue (69%)



- Red (68%)
- Yellow (72%)
- Blue (73%)



- Cyan (6%)
- Magenta (0%)
- Yellow (4%)
- Black (27%)



- Cyan (32%)
- Magenta (27%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.7403, 46.8709, 48.3893 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 42.7403, 46.8709, 48.3893 by changing the saturation by 10% instead.

■ 42.7403, 46.8709,
48.3893

■ 42.7403, 46.8709,
48.3893

348.4823,
374.2990, 396.8863

■ 29.8750, 32.9336,
33.7731

■ 78.5770, 85.5209,
89.1553

■ 19.8914, 22.0756,
22.4434

102.2791,
111.0024, 116.1422

■ 12.4239, 13.9125,
13.9816

130.3242,
141.1007, 148.0898

■ 7.1073, 8.0598,
7.9693

163.0777,
176.2003, 185.4165

■ 3.5762, 4.1332,
3.9878

200.9049,
216.6855, 228.5410

■ 1.4653, 1.7484,
1.6187

244.1712,

■ 0.3020, 0.4547,

262.9408, 277.8818

0.3041

293.2418,
315.3505, 333.8574

■ 0.0000, 0.0000,
0.0000

■ 42.7403, 46.8709,
48.3893

■ 42.7403, 46.8709,
48.3893

■ 37.6236, 44.3819,
41.4907

■ 48.5596, 49.7095,
56.0132

■ 33.1787, 42.2230,
35.2931

■ 55.1031, 52.9044,
64.3795

■ 29.3782, 40.3820,
29.7754

■ 62.3960, 56.4695,
73.5087

■ 26.1916, 38.8435,
24.9144

■ 70.4614, 60.4163,
83.4196

■ 23.5855, 37.5909,
20.6852

■ 74.9617, 62.5085,
93.9262

■ 21.5233, 36.6059,
17.0619

■ 76.6399, 63.1797,
102.7633

■ 19.9641, 35.8679,
14.0162

■ 18.8610, 35.3534,
11.5178

■ 18.1550, 35.0326,
9.5334

Harmonies

Analogous

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



43.4403, 46.8709, 46.2353



42.7403, 46.8709, 48.3893



42.5225, 46.8709, 51.3299

Triad

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



42.7403, 46.8709, 48.3893



44.6524, 46.8709, 57.1595



46.3031, 46.8709, 47.8980

Complementary

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



42.7403, 46.8709, 48.3893



43.5888, 43.9649, 50.4469

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.



46.6397, 46.8709, 50.7401



42.7403, 46.8709, 48.3893



45.6772, 46.8709, 56.1547

Square

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



42.7403, 46.8709, 48.3893



43.6159, 46.8709, 56.4696



46.4088, 46.8709, 53.7743



45.4961, 46.8709, 45.9598

Rectangle

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



42.7403, 46.8709, 48.3893



42.6772, 46.8709, 53.3624



46.4088, 46.8709, 53.7743



46.4756, 46.8709, 48.7752

Sweetspot

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



42.7416, 46.8729, 48.3903



80.4731, 85.8584, 91.8503



44.2979, 47.7094, 46.9190



17.3719, 18.5208, 19.8320



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.



42.7416, 46.8729, 48.3903



75.4127, 83.3926, 85.1543



43.2944, 47.0940, 51.3013



9.2052, 10.2049, 10.3858



12.2385, 23.7963, 6.1776



0.4583, 0.8496, 0.3595

Inverse Universe

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



43.5888, 43.9649, 50.4469



77.2134, 77.2113, 89.5256



43.0377, 43.7445, 47.5450



9.4364, 9.4114, 10.9470



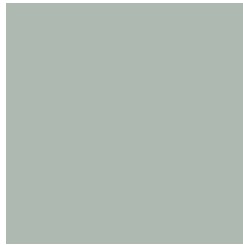
16.6117, 8.2184, 16.3738



0.6101, 0.2995, 0.7064

Previews

White Background



This preview shows how the XYZ color 42.7403, 46.8709, 48.3893 looks on a white background.

Color Contrast Check

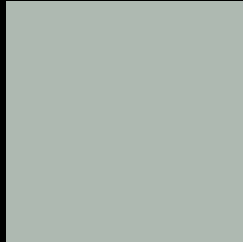
Large Text (above 18pt) WCAG AA × Fail

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 42.7403, 46.8709, 48.3893 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

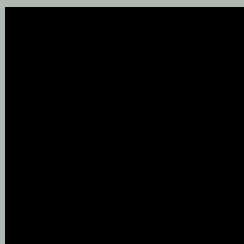
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

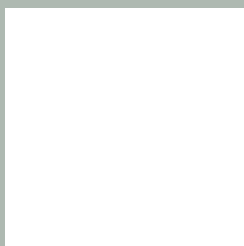
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.7403, 46.8709, 48.3893

Background



This preview shows how black text looks on a background with the XYZ color 42.7403, 46.8709, 48.3893.



This preview shows how white text looks on a background with the XYZ color 42.7403, 46.8709,

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

42.7403, 46.8709, 48.3893

Protanopia

44.7553, 46.7077, 47.2141

Deuteranopia

47.7494, 46.7228, 49.1496



Tritanopia

44.8232, 46.7885, 58.8932

Trichromacy



Original Color

42.7403, 46.8709, 48.3893

Protanomaly

43.8558, 46.5356, 47.7451

Deuteranomaly

45.6418, 46.5309, 48.6953

Tritanomaly

44.0233, 46.7712, 54.8516

Monochromacy



Original Color

42.7403, 46.8709, 48.3893

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

43.3263, 46.2162, 49.8171

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.7403, 46.8709, 48.3893 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, 185, 177)` looks like.

```
.text, #text, p{  
    color:rgb(174, 185, 177)  
}
```

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, 185, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 185, 177) }
```

Border

The CSS property to change the border of an element to XYZ 42.7403, 46.8709, 48.3893 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, 185, 177) }
```


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

```
.border{ border-color:rgb(174, 185, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 185, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 185, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 185, 177);  
box-shadow:4px 4px 4px 4px rgb(174, 185,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 42.7403, 46.8709, 48.3893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 185, 177) }
```

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

```
.background{ background-color: rgb(174,  
185, 177) }
```

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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