

Converting Colors

XYZ(42.7952, 43.6901, 48.8746)

Have a look what the booklet for
XYZ(42.7952, 43.6901, 48.8746)
contains.

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Color

**XYZ(42.8012, 43.5941,
48.8065)**

Conversions

Conversions Part 1

Format	Color
Hex	B7AEB3
RGB	183, 174, 179
RGB Percent	72%, 68%, 70%
CMY	0.2823, 0.3176, 0.2980
CMYK	0.00, 0.05, 0.02, 0.28
HSL	327°, 6%, 70%
HSV	327°, 5%, 72%
XYZ	42.8012, 43.5941, 48.8065
YIQ	177.2610, 3.7590, 3.4630

Conversions

Conversions Part 2

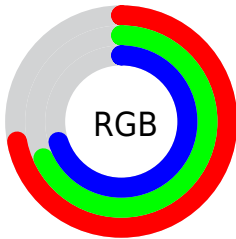
Format	Color
R_{YB}	183, 174, 179
Decimal	12037811
CIE _{Lab}	71.96, 4.12, -1.41
CIE _{LCh}	72, 4.358, 341.070
Y _{xy}	43.5941, 0.3166, 0.3224
Android (android.graphics.Color)	4290227891 (0xFFB7AEB3)
YUV	177.2610, 0.8573, 5.0331
Hunter-Lab	66.0258, 0.1673, 2.3907

Details

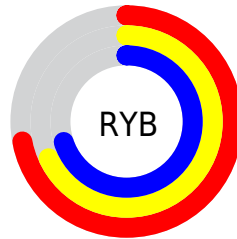
The XYZ color **42.8012, 43.5941, 48.8065** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.4266, 46.0812, 48.7802**, and the grayscale version is **41.9224, 44.1057, 48.0311**.

A 20% lighter version of the original color is **78.6113, 80.3875, 89.9703**, and **19.9314, 20.1713, 22.5816** is the 20% darker color. If you saturate the color by 10%, you get **38.7055, 36.6804, 43.5008**, and if you desaturate by 10%, it is **47.4297, 51.4943, 54.5305**.

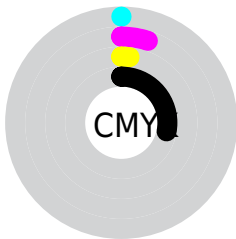
Distribution



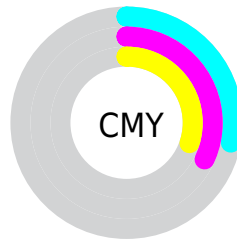
- Red (72%)
- Green (68%)
- Blue (70%)



- Red (72%)
- Yellow (68%)
- Blue (70%)



- Cyan (0%)
- Magenta (5%)
- Yellow (2%)
- Black (28%)



- Cyan (28%)
- Magenta (32%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.8012, 43.5941, 48.8065 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 42.8012, 43.5941, 48.8065 by changing the saturation by 10% instead.

■ 42.8012, 43.5941,
48.8065

■ 42.8012, 43.5941,
48.8065

348.7290,
361.0493, 398.5806

■ 29.9230, 30.3515,
34.1015

■ 78.6684, 80.6066,
89.7820

■ 19.9279, 20.1056,
22.6936

102.3880,
105.1454, 116.8896

■ 12.4506, 12.4718,
14.1642

130.4523,
134.2183, 148.9684

■ 7.1257, 7.0659,
8.0949

163.2264,
168.2098, 186.4371

■ 3.5879, 3.5033,
4.0671

201.0758,
207.5042, 229.7141

■ 1.4717, 1.3998,
1.6622

244.3657,

■ 0.3065, 0.2166,

252.4860, 279.2180

0.3347

293.4617,
303.5396, 335.3673

■ 0.0000, 0.0000,
0.0000

■ 42.8012, 43.5941,
48.8065

■ 42.8012, 43.5941,
48.8065

■ 38.7055, 36.6804,
43.5008

■ 47.4297, 51.4943,
54.5305

■ 35.1186, 30.7085,
38.5996

■ 52.6062, 60.4123,
60.6801

■ 32.0202, 25.6388,
34.0926

■ 58.3501, 70.3847,
67.2664

■ 29.3873, 21.4263,
29.9677

■ 64.6786, 81.4449,
74.2988

■ 27.1949, 18.0226,
26.2121

■ 68.1649, 86.7379,
80.6388

■ 25.4153, 15.3739,
22.8121

■ 69.2670, 87.1787,
86.4427

■ 24.0178, 13.4202,
19.7526

■ 70.4223, 87.6409,
92.5266

■ 22.9669, 12.0922,
17.0170

■ 71.6315, 88.1245,
98.8940

■ 22.2196, 11.3053,
14.5858

■ 72.8953, 88.6300,
105.5488

Harmonies

Analogous

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



42.3807, 43.5941, 50.6189



42.8012, 43.5941, 48.8065



42.8530, 43.5941, 46.6852

Triad

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



42.8012, 43.5941, 48.8065



41.1611, 43.5941, 43.5628



40.3670, 43.5941, 50.2061

Complementary

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



42.8012, 43.5941, 48.8065



42.4266, 46.0812, 48.7802

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.



40.0484, 43.5941, 48.2566



42.8012, 43.5941, 48.8065



40.5032, 43.5941, 44.4479

Square

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



42.8012, 43.5941, 48.8065



41.9001, 43.5941, 43.7000



40.0980, 43.5941, 46.1514



40.9731, 43.5941, 51.4435

Rectangle

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



42.8012, 43.5941, 48.8065



42.6708, 43.5941, 45.3858



40.0980, 43.5941, 46.1514



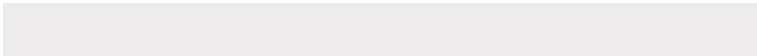
40.2230, 43.5941, 49.6099

Sweetspot

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



42.8024, 43.5960, 48.8074



79.7743, 83.3819, 91.3195



42.0221, 43.1463, 50.9136



17.6292, 18.4327, 20.1815



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.



42.8024, 43.5960, 48.8074



75.7407, 76.5231, 86.2494



42.3647, 43.4209, 46.5022



9.4725, 9.5414, 10.7811



15.3190, 7.7014, 9.5666



0.5707, 0.2837, 0.4986

Inverse Universe

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



42.8024, 43.5960, 48.8074



75.7407, 76.5231, 86.2494



42.8753, 46.2606, 51.1432



9.4725, 9.5414, 10.7811



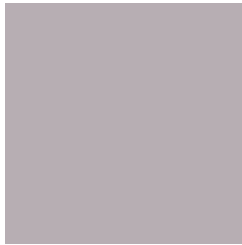
15.3190, 7.7014, 9.5666



0.5707, 0.2837, 0.4986

Previews

White Background



This preview shows how the XYZ color 42.8012, 43.5941, 48.8065 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 42.8012, 43.5941, 48.8065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

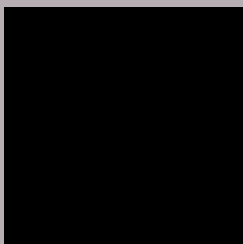
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

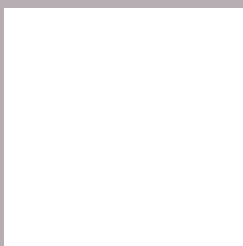
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.8012, 43.5941, 48.8065

Background



This preview shows how black text looks on a background with the XYZ color 42.8012, 43.5941, 48.8065.



This preview shows how white text looks on a background with the XYZ color 42.8012, 43.5941,

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

42.8012, 43.5941, 48.8065

Protanopia

41.9283, 43.4202, 49.3511

Deuteranopia

44.5394, 43.6276, 49.2535



Tritanopia

43.5737, 43.6227, 52.5778

Trichromacy



Original Color

42.8012, 43.5941, 48.8065

Protanomaly

42.3906, 43.6585, 49.3727

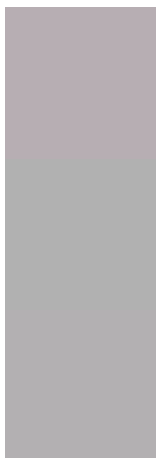
Deuteranomaly

43.9770, 43.6192, 49.2815

Tritanomaly

43.2580, 43.4964, 50.9154

Monochromacy



Original Color

42.8012, 43.5941, 48.8065

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

42.1516, 43.8487, 48.3615

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.8012, 43.5941, 48.8065 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, 174, 179) looks like.

```
.text, #text, p{  
    color:rgb(183, 174, 179)  
}
```

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, 174, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 174, 179) }
```

Border

The CSS property to change the border of an element to XYZ 42.8012, 43.5941, 48.8065 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, 174, 179) }
```


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

```
.border{ border-color:rgb(183, 174, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 174, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 174, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 174, 179);  
box-shadow:4px 4px 4px 4px rgb(183, 174,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 42.8012, 43.5941, 48.8065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 174, 179) }
```

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

```
.background{ background-color: rgb(183,  
174, 179) }
```

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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