

Converting Colors

XYZ(42.7529, 43.4181, 48.4736)

Have a look what the booklet for
XYZ(42.7529, 43.4181, 48.4736)
contains.

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Color

**XYZ(42.5079, 43.1688,
48.2115)**

Conversions

Conversions Part 1

Format	Color
Hex	B7ADB2
RGB	183, 173, 178
RGB Percent	72%, 68%, 70%
CMY	0.2823, 0.3216, 0.3020
CMYK	0.00, 0.05, 0.03, 0.28
HSL	330°, 6%, 70%
HSV	330°, 5%, 72%
XYZ	42.5079, 43.1688, 48.2115
YIQ	176.5600, 4.3550, 3.6750

Conversions

Conversions Part 2

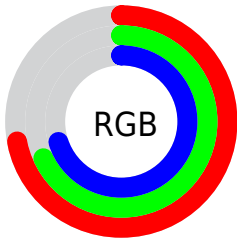
Format	Color
R _Y B	183, 173, 178
Decimal	12037554
CIE Lab	71.67, 4.48, -1.28
CIE LCh	72, 4.662, 344.013
Yxy	43.1688, 0.3175, 0.3224
Android (android.graphics.Color)	4290227634 (0xFFB7ADB2)
YUV	176.5600, 0.7099, 5.6479
Hunter-Lab	65.7030, 0.5041, 2.4863

Details

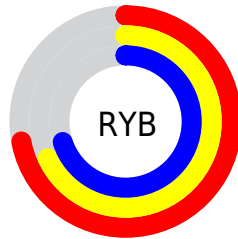
The XYZ color **42.5079, 43.1688, 48.2115** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.2046, 45.9667, 48.7698**, and the grayscale version is **41.5552, 43.7193, 47.6103**.

A 20% lighter version of the original color is **78.1913, 79.7780, 89.1195**, and **19.7450, 19.9012, 22.2027** is the 20% darker color. If you saturate the color by 10%, you get **38.3481, 36.2707, 42.4413**, and if you desaturate by 10%, it is **47.2121, 51.0565, 54.4668**.

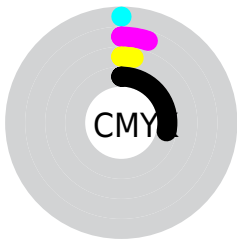
Distribution



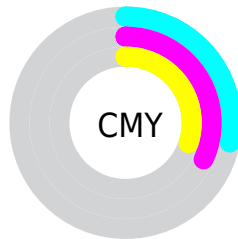
- Red (72%)
- Green (68%)
- Blue (70%)



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



- Cyan (0%)
- Magenta (5%)
- Yellow (3%)
- Black (28%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.5079, 43.1688, 48.2115 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 42.5079, 43.1688, 48.2115 by changing the saturation by 10% instead.

■ 42.5079, 43.1688,
48.2115

■ 42.5079, 43.1688,
48.2115

347.5400,
359.3055, 396.1627

■ 29.6920, 30.0176,
33.6332

■ 78.2281, 79.9655,
88.8880

■ 19.7519, 19.8519,
22.3369

101.8631,
104.3798, 115.8234

■ 12.3220, 12.2875,
13.9040

129.8353,
133.3173, 147.7149

■ 7.0371, 6.9398,
7.9159

162.5099,
167.1622, 184.9810

■ 3.5319, 3.4245,
3.9542

200.2523,
206.2992, 228.0403

■ 1.4409, 1.3571,
1.6002

243.4279,

■ 0.2851, 0.1848,

251.1124, 277.3113

0.2910

292.4020,
301.9864, 333.2126

■ 0.0000, 0.0000,
0.0000

■ 42.5079, 43.1688,
48.2115

■ 42.5079, 43.1688,
48.2115

■ 38.3481, 36.2707,
42.4413

■ 47.2121, 51.0565,
54.4668

■ 34.7085, 30.3172,
37.1407

■ 52.4766, 59.9652,
61.2165

■ 31.5682, 25.2684,
32.2973

■ 58.3210, 69.9319,
68.4734

■ 28.9039, 21.0789,
27.8969

■ 64.7628, 80.9901,
76.2486

■ 26.6898, 17.6999,
23.9246

■ 68.7115, 86.9565,
83.5172

■ 24.8979, 15.0772,
20.3644

■ 69.9850, 87.4659,
90.2237

■ 23.4968, 13.1502,
17.1989

■ 71.3264, 88.0025,
97.2874

■ 22.4500, 11.8486,
14.4087

■ 72.7366, 88.5666,
104.7136

■ 21.7129, 11.0853,
11.9714

■ 73.3387, 88.8074,
107.8839

Harmonies

Analogous

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



42.0949, 43.1688, 50.2012



42.5079, 43.1688, 48.2115



42.5218, 43.1688, 45.9582

Triad

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



42.5079, 43.1688, 48.2115



40.6640, 43.1688, 42.9088



39.9482, 43.1688, 50.0906

Complementary

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



42.5079, 43.1688, 48.2115



42.2046, 45.9667, 48.7698

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.



39.5748, 43.1688, 48.0645



42.5079, 43.1688, 48.2115



39.9845, 43.1688, 43.9445

Square

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



42.5079, 43.1688, 48.2115



41.4503, 43.1688, 42.9453



39.5880, 43.1688, 45.8158



40.6138, 43.1688, 51.3096

Rectangle

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



42.5079, 43.1688, 48.2115



42.3023, 43.1688, 44.6124



39.5880, 43.1688, 45.8158



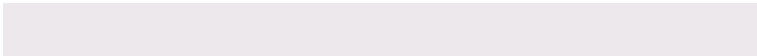
39.7847, 43.1688, 49.4786

Sweetspot

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



42.5091, 43.1707, 48.2124



78.9098, 81.9583, 90.0896



41.8525, 42.7731, 50.8505



17.4480, 18.1343, 19.9238



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.



42.5091, 43.1707, 48.2124



74.8343, 75.1543, 84.5790



42.0164, 42.9736, 45.6177



9.3662, 9.3834, 10.5776



14.9896, 7.5696, 7.8321



0.5597, 0.2793, 0.4406

Inverse Universe

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



42.5091, 43.1707, 48.2124



74.8343, 75.1543, 84.5790



42.7156, 46.1711, 51.4609



9.3662, 9.3834, 10.5776



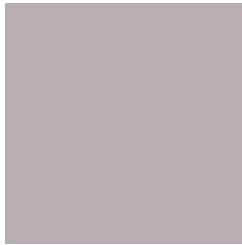
14.9896, 7.5696, 7.8321



0.5597, 0.2793, 0.4406

Previews

White Background



This preview shows how the XYZ color 42.5079, 43.1688, 48.2115 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 42.5079, 43.1688, 48.2115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

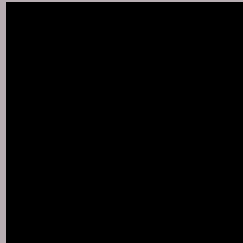
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.5079, 43.1688, 48.2115

Background



This preview shows how black text looks on a background with the XYZ color 42.5079, 43.1688, 48.2115.



This preview shows how white text looks on a background with the XYZ color 42.5079, 43.1688,

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

42.5079, 43.1688, 48.2115

Protanopia

41.8268, 43.3796, 48.8164

Deuteranopia

43.9973, 43.0805, 48.6443



Tritanopia

43.2766, 43.1982, 51.9561

Trichromacy



Original Color

42.5079, 43.1688, 48.2115

Protanomaly

42.0951, 43.2301, 48.7734

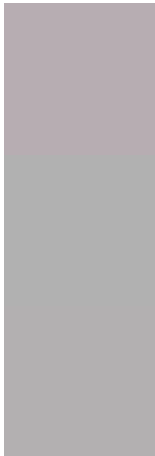
Deuteranomaly

43.4386, 43.0719, 48.6721

Tritanomaly

42.9632, 43.0728, 50.3054

Monochromacy



Original Color

42.5079, 43.1688, 48.2115

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

42.0516, 43.8087, 47.8345

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.5079, 43.1688, 48.2115 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, 173, 178)` looks like.

```
.text, #text, p{  
    color:rgb(183, 173, 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, 173, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 173, 178) }
```

Border

The CSS property to change the border of an element to XYZ 42.5079, 43.1688, 48.2115 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, 173, 178) }
```


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

```
.border{ border-color:rgb(183, 173, 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, 173, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 173, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 173, 178);  
box-shadow:4px 4px 4px 4px rgb(183, 173,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 42.5079, 43.1688, 48.2115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 173, 178) }
```

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

```
.background{ background-color: rgb(183,  
173, 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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