

Converting Colors

XYZ(41.3015, 39.8243, 48.3160)

Have a look what the booklet for
XYZ(41.3015, 39.8243, 48.3160)
contains.

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Color

**XYZ(41.2415, 39.7633,
48.1493)**

Conversions

Conversions Part 1

Format	Color
Hex	B9A3B3
RGB	185, 163, 179
RGB Percent	73%, 64%, 70%
CMY	0.2745, 0.3608, 0.2980
CMYK	0.00, 0.12, 0.03, 0.27
HSL	316°, 14%, 68%
HSV	316°, 12%, 73%
XYZ	41.2415, 39.7633, 48.1493
YIQ	171.4020, 7.9760, 9.6400

Conversions

Conversions Part 2

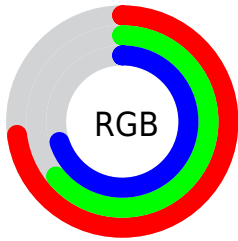
Format	Color
RYB	185, 163, 179
Decimal	12166067
CIELab	69.30, 10.86, -5.30
CIELCh	69, 12.082, 333.968
Yxy	39.7633, 0.3193, 0.3079
Android (android.graphics.Color)	4290356147 (0xFFB9A3B3)
YUV	171.4020, 3.7458, 11.9254
Hunter-Lab	63.0581, 6.3914, -1.1314

Details

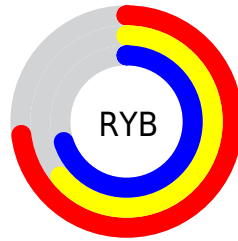
The XYZ color **41.2415, 39.7633, 48.1493** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.6162, 45.3502, 44.2037**, and the grayscale version is **38.8907, 40.9160, 44.5576**.

A 20% lighter version of the original color is **76.3424, 74.8417, 89.0195**, and **18.9661, 17.7808, 22.1711** is the 20% darker color. If you saturate the color by 10%, you get **37.6933, 33.4682, 44.4947**, and if you desaturate by 10%, it is **45.2912, 47.0303, 52.0642**.

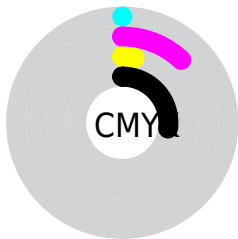
Distribution



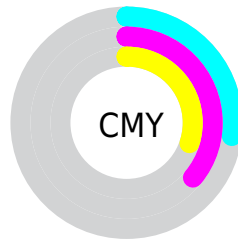
- Red (73%)
- Green (64%)
- Blue (70%)



- Red (73%)
- Yellow (64%)
- Blue (70%)



- Cyan (0%)
- Magenta (12%)
- Yellow (3%)
- Black (27%)



- Cyan (27%)
- Magenta (36%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.2415, 39.7633, 48.1493 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 41.2415, 39.7633, 48.1493 by changing the saturation by 10% instead.

■ 41.2415, 39.7633,
48.1493

■ 41.2415, 39.7633,
48.1493

342.3743,
345.1249, 395.9094

■ 28.6963, 27.3540,
33.5843

■ 76.3228, 74.8029,
88.7945

■ 18.9944, 17.8393,
22.2997

■ 99.5896, 98.2021,
115.7118

■ 11.7702, 10.8347,
13.8768

127.1610,
126.0334, 147.5836

■ 6.6585, 5.9558,
7.8973

159.4023,
158.6811, 184.8285

■ 3.2939, 2.8182,
3.9425

196.6790,
196.5298, 227.8650

■ 1.3110, 1.0376,
1.5938

239.3563,

■ 0.1914, 0.0000,

239.9637, 277.1116

0.2864

287.7996,
289.3673, 332.9869

■ 0.0000, 0.0000,
0.0000

■ 41.2415, 39.7633,
48.1493

■ 41.2415, 39.7633,
48.1493

■ 37.6933, 33.4682,
44.4947

■ 45.2912, 47.0303,
52.0642

■ 34.6221, 28.0983,
41.0899

■ 49.8587, 55.3033,
56.2443

■ 32.0067, 23.6106,
37.9272

■ 54.9637, 64.6207,
60.6976

■ 29.8226, 19.9566,
34.9974

■ 60.6239, 75.0177,
65.4310

■ 28.0433, 17.0835,
32.2908

■ 66.6949, 86.2053,
70.3973

■ 26.6388, 14.9318,
29.7962

■ 67.3111, 86.4517,
73.6420

■ 25.5752, 13.4341,
27.5014

■ 67.9471, 86.7061,
76.9911

■ 24.8121, 12.5095,
25.3917

■ 68.6031, 86.9685,
80.4454

■ 24.3487, 12.0508,
23.7944

■ 69.2792, 87.2390,
84.0059

Harmonies

Analogous

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



39.9140, 39.7633, 52.7617



41.2415, 39.7633, 48.1493



41.6339, 39.7633, 42.5612

Triad

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



41.2415, 39.7633, 48.1493



37.5366, 39.7633, 33.4991



34.7873, 39.7633, 49.5353

Complementary

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



41.2415, 39.7633, 48.1493



39.6162, 45.3502, 44.2037

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.



34.1974, 39.7633, 44.0381



41.2415, 39.7633, 48.1493



35.7501, 39.7633, 35.0352

Square

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



41.2415, 39.7633, 48.1493



39.4527, 39.7633, 34.3978



34.5439, 39.7633, 38.7793



36.1821, 39.7633, 53.6087

Rectangle

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



41.2415, 39.7633, 48.1493



41.3016, 39.7633, 39.1038



34.5439, 39.7633, 38.7793



34.4905, 39.7633, 47.7764

Sweetspot

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



41.2427, 39.7650, 48.1502



79.4598, 81.2482, 91.6801



38.1894, 38.1193, 51.2447



17.0090, 17.2980, 19.6491



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.



41.2427, 39.7650, 48.1502



72.2987, 68.4277, 84.6631



40.1865, 39.3426, 42.5885



9.2736, 9.1198, 10.7880



16.6108, 8.2181, 16.3691



0.6101, 0.2995, 0.7062

Inverse Universe

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



41.2427, 39.7650, 48.1502



72.2987, 68.4277, 84.6631



40.6792, 45.7754, 49.8014



9.2736, 9.1198, 10.7880



16.6108, 8.2181, 16.3691



0.6101, 0.2995, 0.7062

Previews

White Background



This preview shows how the XYZ color 41.2415, 39.7633, 48.1493 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 41.2415, 39.7633, 48.1493 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 41.2415, 39.7633, 48.1493

Background



This preview shows how black text looks on a background with the XYZ color 41.2415, 39.7633, 48.1493.



This preview shows how white text looks on a background with the XYZ color 41.2415, 39.7633,

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

41.2415, 39.7633, 48.1493

Protanopia

38.8083, 39.8177, 49.8961

Deuteranopia

40.4682, 39.6293, 48.1642



Tritanopia

40.9412, 39.6433, 46.5684

Trichromacy



Original Color

41.2415, 39.7633, 48.1493

Protanomaly

39.6559, 39.7226, 49.2932

Deuteranomaly

40.7035, 39.7507, 48.1752

Tritanomaly

41.0406, 39.6830, 47.0915

Monochromacy



Original Color

41.2415, 39.7633, 48.1493

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.5471, 40.2914, 45.7371

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2415, 39.7633, 48.1493 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(185, 163, 179)` looks like.

```
.text, #text, p{  
    color:rgb(185, 163, 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(185, 163, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 163, 179) }
```

Border

The CSS property to change the border of an element to XYZ 41.2415, 39.7633, 48.1493 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(185, 163, 179) }
```


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

```
.border{ border-color:rgb(185, 163, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 163, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 163, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 163, 179);  
box-shadow:4px 4px 4px 4px rgb(185, 163,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2415, 39.7633, 48.1493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 163, 179) }
```

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

```
.background{ background-color: rgb(185,  
163, 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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