

Converting Colors

XYZ(41.1473, 41.8478, 50.6806)

Have a look what the booklet for
XYZ(41.1473, 41.8478, 50.6806)
contains.

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Color

**XYZ(41.2416, 41.8918,
50.7120)**

Conversions

Conversions Part 1

Format	Color
Hex	B1ABB7
RGB	177, 171, 183
RGB Percent	69%, 67%, 72%
CMY	0.3059, 0.3294, 0.2823
CMYK	0.03, 0.07, 0.00, 0.28
HSL	270°, 8%, 69%
HSV	270°, 7%, 72%
XYZ	41.2416, 41.8918, 50.7120
YIQ	174.1620, -0.2760, 5.0040

Conversions

Conversions Part 2

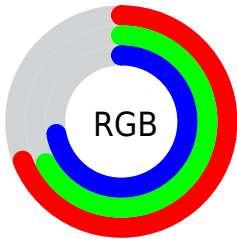
Format	Color
R_{YB}	177, 171, 183
Decimal	11643831
CIE _{Lab}	70.80, 4.41, -5.38
CIE _{LCh}	71, 6.957, 309.339
Yxy	41.8918, 0.3081, 0.3130
Android (android.graphics.Color)	4289833911 (0xFFB1ABB7)
YUV	174.1620, 4.3571, 2.4889
Hunter-Lab	64.7239, 0.4722, -1.1478

Details

The XYZ color **41.2416, 41.8918, 50.7120** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.4172, 46.1555, 45.2034**, and the grayscale version is **40.2948, 42.3932, 46.1662**.

A 20% lighter version of the original color is **76.3806, 77.9483, 92.6812**, and **18.9383, 19.0904, 23.8058** is the 20% darker color. If you saturate the color by 10%, you get **36.0066, 34.4129, 49.5450**, and if you desaturate by 10%, it is **47.0975, 50.4035, 52.0469**.

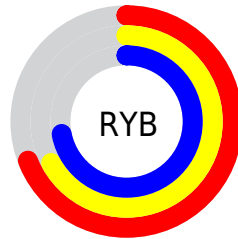
Distribution



Red (69%)

Green (67%)

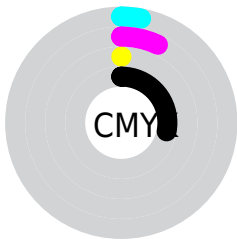
Blue (72%)



Red (69%)

Yellow (67%)

Blue (72%)

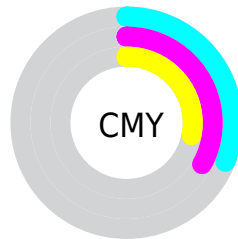


Cyan (3%)

Magenta (7%)

Yellow (0%)

Black (28%)



Cyan (31%)

Magenta (33%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.2416, 41.8918, 50.7120 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 41.2416, 41.8918, 50.7120 by changing the saturation by 10% instead.

■ 41.2416, 41.8918,
50.7120

■ 41.2416, 41.8918,
50.7120

342.3747,
354.0342, 406.2584

■ 28.6964, 29.0166,
35.6043

■ 76.3229, 78.0358,
92.6361

■ 18.9944, 19.0934,
23.8415

99.5897, 102.0735,
120.2895

■ 11.7702, 11.7378,
15.0050

127.1612,
130.6006, 152.9620

■ 6.6585, 6.5654,
8.6762

159.4026,
164.0018, 191.0720

■ 3.2939, 3.1918,
4.4367

196.6793,
202.6614, 235.0381

■ 1.3110, 1.2327,
1.8678

239.3566,

■ 0.1914, 0.0882,

246.9637, 285.2788

0.4721

287.8000,
297.2932, 342.2127

■ 0.0000, 0.0000,
0.0000

■ 41.2416, 41.8918,
50.7120

■ 41.2416, 41.8918,
50.7120

■ 36.0066, 34.4129,
49.5450

■ 47.0975, 50.4035,
52.0469

■ 31.3665, 27.9210,
48.5365

■ 53.5916, 59.9808,
53.5533

■ 27.2989, 22.3746,
47.6803

■ 60.7452, 70.6618,
55.2379

■ 23.7783, 17.7273,
46.9688

■ 68.5774, 82.4810,
57.1064

■ 20.7773, 13.9284,
46.3937

■ 74.6654, 90.5891,
58.3505

■ 18.2656, 10.9223,
45.9459

■ 77.5581, 92.0803,
58.4859

■ 16.2097, 8.6462,
45.6149

■ 80.6054, 93.6513,
58.6285

■ 14.5705, 7.0276,
45.3889

■ 83.8098, 95.3032,
58.7785

■ 13.2970, 5.9691,
45.2517

■ 85.5474, 96.1989,
58.8598

Harmonies

Analogous

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



40.1784, 41.8918, 52.1824



41.2416, 41.8918, 50.7120



41.9316, 41.8918, 47.8946

Triad

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



41.2416, 41.8918, 50.7120



40.6058, 41.8918, 39.9160



37.6651, 41.8918, 46.6531

Complementary

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



41.2416, 41.8918, 50.7120



42.4172, 46.1555, 45.2034

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.



37.7745, 41.8918, 43.4051



41.2416, 41.8918, 50.7120



39.4575, 41.8918, 39.6195

Square

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



41.2416, 41.8918, 50.7120



41.5596, 41.8918, 41.6982



38.4254, 41.8918, 40.8679



38.1236, 41.8918, 49.7656

Rectangle

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



41.2416, 41.8918, 50.7120



42.0795, 41.8918, 45.6865



38.4254, 41.8918, 40.8679



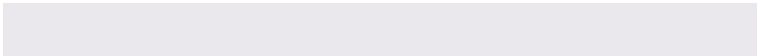
37.6369, 41.8918, 45.5397

Sweetspot

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



41.2428, 41.8936, 50.7129



78.4670, 81.6902, 91.8679



41.1050, 43.6017, 51.0499



17.3552, 18.0781, 20.2963



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.



41.2428, 41.8936, 50.7129



72.3133, 72.7971, 90.4756



42.5922, 42.5892, 50.7761



8.9373, 8.9340, 11.3328



9.0848, 3.9946, 31.5453



0.3916, 0.1776, 1.1154

Inverse Universe

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



42.0286, 42.3693, 47.5600



74.0500, 73.8484, 83.5073



41.1239, 45.4887, 45.1429



9.1869, 9.0851, 10.3315



14.9911, 7.5702, 7.8398



0.5597, 0.2794, 0.4409

Previews

White Background



This preview shows how the XYZ color 41.2416, 41.8918, 50.7120 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 41.2416, 41.8918, 50.7120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

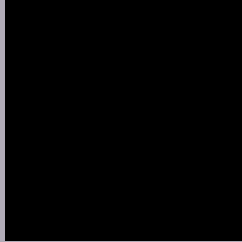
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.2416, 41.8918, 50.7120

Background



This preview shows how black text looks on a background with the XYZ color 41.2416, 41.8918, 50.7120.

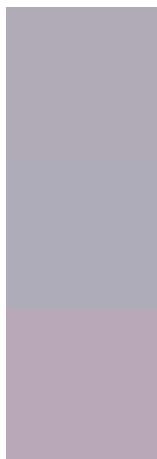


This preview shows how white text looks on a background with the XYZ color 41.2416, 41.8918,

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

41.2416, 41.8918, 50.7120

Protanopia

40.6378, 41.8500, 51.2834

Deuteranopia

42.6619, 41.7802, 51.1633



Tritanopia

41.3461, 41.9336, 51.2622

Trichromacy



Original Color

41.2416, 41.8918, 50.7120

Protanomaly

40.8598, 41.9644, 51.2938

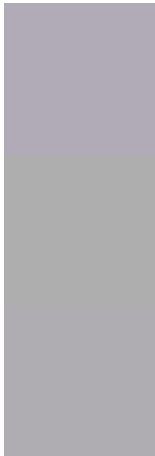
Deuteranomaly

42.1311, 41.7817, 51.1915

Tritanomaly

41.3461, 41.9336, 51.2622

Monochromacy



Original Color

41.2416, 41.8918, 50.7120

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.5586, 42.1754, 47.5980

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2416, 41.8918, 50.7120 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(177, 171, 183)` looks like.

```
.text, #text, p{  
    color:rgb(177, 171, 183)  
}
```

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(177, 171, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 171, 183) }
```

Border

The CSS property to change the border of an element to XYZ 41.2416, 41.8918, 50.7120 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(177, 171, 183) }
```


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

```
.border{ border-color:rgb(177, 171, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 171, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 171, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 171, 183);  
box-shadow:4px 4px 4px 4px rgb(177, 171,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2416, 41.8918, 50.7120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 171, 183) }
```

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

```
.background{ background-color: rgb(177,  
171, 183) }
```

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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