

Converting Colors

XYZ(41.3716, 40.2004, 49.7987)

Have a look what the booklet for
XYZ(41.3716, 40.2004, 49.7987)
contains.

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Color

**XYZ(41.4271, 40.3549,
49.8618)**

Conversions

Conversions Part 1

Format	Color
Hex	B7A5B6
RGB	183, 165, 182
RGB Percent	72%, 65%, 71%
CMY	0.2823, 0.3529, 0.2863
CMYK	0.00, 0.10, 0.01, 0.28
HSL	303°, 11%, 68%
HSV	303°, 10%, 72%
XYZ	41.4271, 40.3549, 49.8618
YIQ	172.3200, 5.2710, 9.1030

Conversions

Conversions Part 2

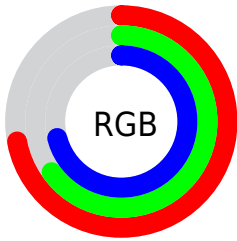
Format	Color
R_{YB}	183, 165, 182
Decimal	12035510
CIE Lab	69.72, 9.61, -6.36
CIE LCh	70, 11.524, 326.491
Yxy	40.3549, 0.3147, 0.3065
Android (android.graphics.Color)	4290225590 (0xFFB7A5B6)
YUV	172.3200, 4.7722, 9.3664
Hunter-Lab	63.5255, 5.2362, -2.0695

Details

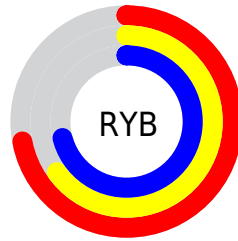
The XYZ color **41.4271, 40.3549, 49.8618** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.3350, 44.6207, 42.6180**, and the grayscale version is **39.3504, 41.3997, 45.0843**.

A 20% lighter version of the original color is **76.6224, 75.7102, 91.4640**, and **19.0735, 18.1411, 23.2652** is the 20% darker color. If you saturate the color by 10%, you get **38.2554, 34.1785, 48.2882**, and if you desaturate by 10%, it is **45.0743, 47.4797, 51.5986**.

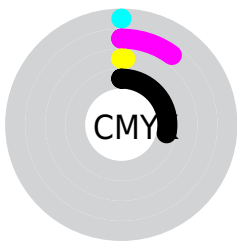
Distribution



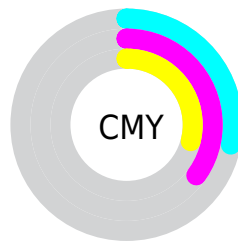
- Red (72%)
- Green (65%)
- Blue (71%)



- Red (72%)
- Yellow (65%)
- Blue (71%)



- Cyan (0%)
- Magenta (10%)
- Yellow (1%)
- Black (28%)



- Cyan (28%)
- Magenta (35%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.4271, 40.3549, 49.8618 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 41.4271, 40.3549, 49.8618 by changing the saturation by 10% instead.

■ 41.4271, 40.3549,
49.8618

■ 41.4271, 40.3549,
49.8618

343.1347,
347.6172, 402.8448

■ 28.8421, 27.8154,
34.9332

■ 76.6024, 75.7036,
91.3643

■ 19.1051, 18.1865,
23.3283

■ 99.9235, 99.2816,
118.7752

■ 11.8507, 11.0840,
14.6285

127.5540,
127.3079, 151.1840

■ 6.7136, 6.1234,
8.4154

159.8592,
160.1668, 189.0092

■ 3.3283, 2.9202,
4.2703

197.2045,
198.2428, 232.6694

■ 1.3297, 1.0902,
1.7748

239.9553,

■ 0.2053, 0.0000,

241.9203, 282.5830

0.4112

288.4769,
291.5836, 339.1686

■ 0.0000, 0.0000,
0.0000

■ 41.4271, 40.3549,
49.8618

■ 41.4271, 40.3549,
49.8618

■ 38.2554, 34.1785,
48.2882

■ 45.0743, 47.4797,
51.5986

■ 35.5356, 28.9053,
46.8686

■ 49.2121, 55.5853,
53.5022

■ 33.2475, 24.4943,
45.5966

■ 53.8595, 64.7088,
55.5795

■ 31.3680, 20.8994,
44.4645

■ 59.0333, 74.8839,
57.8361

■ 29.8719, 18.0699,
43.4640

■ 64.2678, 85.1791,
60.1166

■ 28.7310, 15.9497,
42.5856

■ 64.3772, 85.2228,
60.6926

■ 27.9135, 14.4750,
41.8187

■ 64.4873, 85.2669,
61.2727

■ 27.3817, 13.5705,
41.1508

■ 64.5983, 85.3112,
61.8569

■ 27.0600, 13.0852,
40.5566

■ 64.7100, 85.3559,
62.4451

Harmonies

Analogous

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



39.9794, 40.3549, 53.7959



41.4271, 40.3549, 49.8618



42.0510, 40.3549, 44.5717

Triad

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



41.4271, 40.3549, 49.8618



38.5762, 40.3549, 34.4581



35.2328, 40.3549, 48.6858

Complementary

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



41.4271, 40.3549, 49.8618



39.3350, 44.6207, 42.6180

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.



34.8843, 40.3549, 43.3136



41.4271, 40.3549, 49.8618



36.7774, 40.3549, 35.3674

Square

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



41.4271, 40.3549, 49.8618



40.3718, 40.3549, 35.9145



35.4408, 40.3549, 38.5060



36.4087, 40.3549, 53.0791

Rectangle

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



41.4271, 40.3549, 49.8618



41.9014, 40.3549, 41.0860



35.4408, 40.3549, 38.5060



35.0167, 40.3549, 46.9224

Sweetspot

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



41.4283, 40.3566, 49.8627



78.5321, 80.7438, 91.3789



37.7090, 38.4273, 50.2303



17.2270, 17.6026, 20.1267



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.



41.4283, 40.3566, 49.8627



72.7778, 69.5113, 88.6095



40.5375, 40.0003, 45.1717



9.3588, 9.1539, 11.2368



18.8823, 9.1267, 28.3306



0.6722, 0.3244, 1.0335

Inverse Universe

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



41.4283, 40.3566, 49.8627



72.7778, 69.5113, 88.6095



40.1800, 44.9587, 47.0675



9.3588, 9.1539, 11.2368



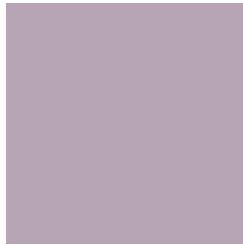
18.8823, 9.1267, 28.3306



0.6722, 0.3244, 1.0335

Previews

White Background



This preview shows how the XYZ color 41.4271, 40.3549, 49.8618 looks on a white background.

Color Contrast Check

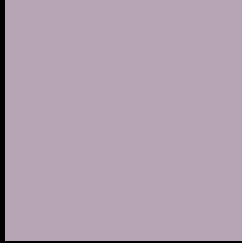
Large Text (above 18pt) WCAG AA × Fail

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 41.4271, 40.3549, 49.8618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

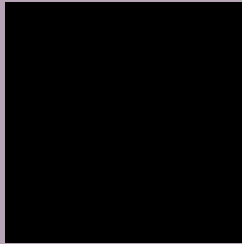
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.4271, 40.3549, 49.8618

Background



This preview shows how black text looks on a background with the XYZ color 41.4271, 40.3549, 49.8618.



This preview shows how white text looks on a background with the XYZ color 41.4271, 40.3549,

49.8618.

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

41.4271, 40.3549, 49.8618

Protanopia

39.3071, 40.3137, 51.6086

Deuteranopia

41.1900, 40.2327, 49.8507



Tritanopia

41.0643, 40.4722, 48.2954

Trichromacy



Original Color

41.4271, 40.3549, 49.8618

Protanomaly

40.1099, 40.4646, 51.0438

Deuteranomaly

41.1900, 40.2327, 49.8507

Tritanomaly

41.1658, 40.5128, 48.8301

Monochromacy



Original Color

41.4271, 40.3549, 49.8618

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

39.9289, 40.7406, 46.8335

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.4271, 40.3549, 49.8618 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, 165, 182)` looks like.

```
.text, #text, p{  
    color:rgb(183, 165, 182)  
}
```

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, 165, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 165, 182) }
```

Border

The CSS property to change the border of an element to XYZ 41.4271, 40.3549, 49.8618 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, 165, 182) }
```


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

```
.border{ border-color:rgb(183, 165, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 165, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 165, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 165, 182);  
box-shadow:4px 4px 4px 4px rgb(183, 165,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 41.4271, 40.3549, 49.8618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 165, 182) }
```

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

```
.background{ background-color: rgb(183,  
165, 182) }
```

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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