

Converting Colors

XYZ(41.4425, 40.6278, 49.6341)

Have a look what the booklet for
XYZ(41.4425, 40.6278, 49.6341)
contains.

XYZ(41.5051, 40.6759, 49.3797)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(41.5051, 40.6759,
49.3797)**

Conversions

Conversions Part 1

Format	Color
Hex	B7A6B5
RGB	183, 166, 181
RGB Percent	72%, 65%, 71%
CMY	0.2823, 0.3490, 0.2902
CMYK	0.00, 0.09, 0.01, 0.28
HSL	307°, 11%, 68%
HSV	307°, 9%, 72%
XYZ	41.5051, 40.6759, 49.3797
YIQ	172.7930, 5.3170, 8.2690

Conversions

Conversions Part 2

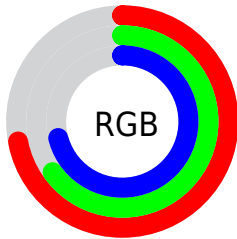
Format	Color
RYB	183, 166, 181
Decimal	12035765
CIELab	69.95, 8.87, -5.47
CIELCh	70, 10.422, 328.324
Yxy	40.6759, 0.3155, 0.3092
Android (android.graphics.Color)	4290225845 (0xFFB7A6B5)
YUV	172.7930, 4.0461, 8.9515
Hunter-Lab	63.7777, 4.5530, -1.2608

Details

The XYZ color **41.5051, 40.6759, 49.3797** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.7288, 44.8022, 43.6016**, and the grayscale version is **39.5942, 41.6562, 45.3636**.

A 20% lighter version of the original color is **76.7391, 76.1780, 90.7800**, and **19.1195, 18.3390, 22.9541** is the 20% darker color. If you saturate the color by 10%, you get **38.1935, 34.4031, 47.1946**, and if you desaturate by 10%, it is **45.2958, 47.9003, 51.7424**.

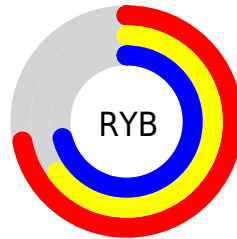
Distribution



Red (72%)

Green (65%)

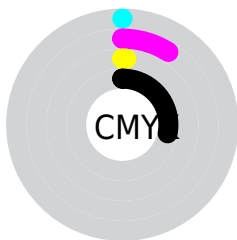
Blue (71%)



Red (72%)

Yellow (65%)

Blue (71%)

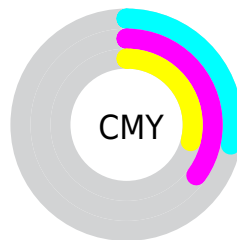


Cyan (0%)

Magenta (9%)

Yellow (1%)

Black (28%)



Cyan (28%)

Magenta (35%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.5051, 40.6759, 49.3797 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 41.5051, 40.6759, 49.3797 by changing the saturation by 10% instead.

■ 41.5051, 40.6759,
49.3797

■ 41.5051, 40.6759,
49.3797

343.4539,
348.9642, 400.9006

■ 28.9034, 28.0659,
34.5531

■ 76.7199, 76.1917,
90.6420

■ 19.1517, 18.3754,
23.0380

■ 100.0638, 99.8662,
117.9146

■ 11.8846, 11.2198,
14.4160

127.7190,
127.9978, 150.1731

■ 6.7368, 6.2149,
8.2685

160.0510,
160.9707, 187.8358

■ 3.3429, 2.9762,
4.1770

197.4252,
199.1694, 231.3214

■ 1.3376, 1.1193,
1.7230

240.2068,

■ 0.2111, 0.0000,

242.9783, 281.0483

0.3764

288.7612,
292.7818, 337.4352

■ 0.0000, 0.0000,
0.0000

■ 41.5051, 40.6759,
49.3797

■ 41.5051, 40.6759,
49.3797

■ 38.1935, 34.4031,
47.1946

■ 45.2958, 47.9003,
51.7424

■ 35.3377, 29.0368,
45.1776

■ 49.5808, 56.1085,
54.2863

■ 32.9173, 24.5361,
43.3226

■ 54.3790, 65.3376,
57.0182

■ 30.9095, 20.8552,
41.6216

■ 59.7073, 75.6212,
59.9439

■ 29.2891, 17.9437,
40.0664

■ 64.7774, 85.3829,
62.8007

■ 28.0282, 15.7457,
38.6474

■ 65.0174, 85.4789,
64.0647

■ 27.0950, 14.1980,
37.3541

■ 65.2609, 85.5763,
65.3471

■ 26.4524, 13.2260,
36.1740

■ 65.5080, 85.6751,
66.6481

■ 26.0308, 12.6909,
35.0838

■ 65.7586, 85.7754,
67.9677

Harmonies

Analogous

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



40.2301, 40.6759, 53.0350



41.5051, 40.6759, 49.3797



42.0153, 40.6759, 44.5630

Triad

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



41.5051, 40.6759, 49.3797



38.7567, 40.6759, 35.5896



35.8595, 40.6759, 48.8725

Complementary

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



41.5051, 40.6759, 49.3797



39.7288, 44.8022, 43.6016

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.



35.4905, 40.6759, 44.0164



41.5051, 40.6759, 49.3797



37.1337, 40.6759, 36.5619

Square

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



41.5051, 40.6759, 49.3797



40.4001, 40.6759, 36.8029



35.9503, 40.6759, 39.5610



36.9730, 40.6759, 52.7274

Rectangle

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



41.5051, 40.6759, 49.3797



41.8422, 40.6759, 41.4157



35.9503, 40.6759, 39.5610



35.6457, 40.6759, 47.2925

Sweetspot

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



41.5063, 40.6777, 49.3806



78.4677, 80.7181, 91.0399



38.3301, 39.0164, 50.3110



17.2090, 17.5954, 20.0322



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.



41.5063, 40.6777, 49.3806



73.1481, 70.5956, 87.6735



40.6621, 40.3400, 44.9352



9.3342, 9.1440, 11.1073



18.1565, 8.8363, 24.5085



0.6530, 0.3167, 0.9323

Inverse Universe

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



41.5063, 40.6777, 49.3806



73.1481, 70.5956, 87.6735



40.5451, 45.1287, 47.9004



9.3342, 9.1440, 11.1073



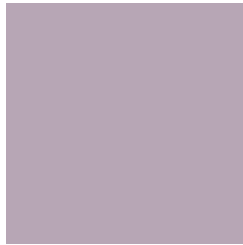
18.1565, 8.8363, 24.5085



0.6530, 0.3167, 0.9323

Previews

White Background



This preview shows how the XYZ color 41.5051, 40.6759, 49.3797 looks on a white background.

Color Contrast Check

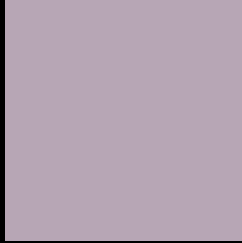
Large Text (above 18pt) WCAG AA × Fail

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 41.5051, 40.6759, 49.3797 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 41.5051, 40.6759, 49.3797

Background



This preview shows how black text looks on a background with the XYZ color 41.5051, 40.6759, 49.3797.



This preview shows how white text looks on a background with the XYZ color 41.5051, 40.6759,

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

41.5051, 40.6759, 49.3797

Protanopia

39.4995, 40.7144, 50.5766

Deuteranopia

41.5051, 40.6759, 49.3797



Tritanopia

41.3013, 40.5944, 48.3065

Trichromacy



Original Color

41.5051, 40.6759, 49.3797

Protanomaly

40.3107, 40.8673, 50.0195

Deuteranomaly

41.5051, 40.6759, 49.3797

Tritanomaly

41.4029, 40.6350, 48.8412

Monochromacy



Original Color

41.5051, 40.6759, 49.3797

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

40.3427, 41.2312, 46.9064

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5051, 40.6759, 49.3797 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, 166, 181)` looks like.

```
.text, #text, p{  
    color:rgb(183, 166, 181)  
}
```

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, 166, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 166, 181) }
```

Border

The CSS property to change the border of an element to XYZ 41.5051, 40.6759, 49.3797 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, 166, 181) }
```


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

```
.border{ border-color:rgb(183, 166, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 166, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 166, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 166, 181);  
box-shadow:4px 4px 4px 4px rgb(183, 166,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5051, 40.6759, 49.3797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 166, 181) }
```

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

```
.background{ background-color: rgb(183,  
166, 181) }
```

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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