

Converting Colors

XYZ(40.6538, 41.7431, 48.2977)

Have a look what the booklet for
XYZ(40.6538, 41.7431, 48.2977)
contains.

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Color

**XYZ(40.6041, 41.6106,
48.5394)**

Conversions

Conversions Part 1

Format	Color
Hex	B0ABB3
RGB	176, 171, 179
RGB Percent	69%, 67%, 70%
CMY	0.3098, 0.3294, 0.2980
CMYK	0.02, 0.04, 0.00, 0.30
HSL	277°, 5%, 69%
HSV	277°, 4%, 70%
XYZ	40.6041, 41.6106, 48.5394
YIQ	173.4070, 0.4120, 3.5480

Conversions

Conversions Part 2

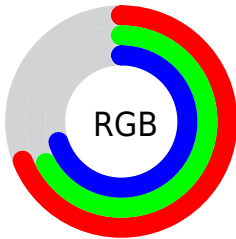
Format	Color
RYB	176, 171, 179
Decimal	11578291
CIELab	70.60, 3.29, -3.47
CIElCh	71, 4.781, 313.463
Yxy	41.6106, 0.3105, 0.3182
Android (android.graphics.Color)	4289768371 (0xFFB0ABB3)
YUV	173.4070, 2.7573, 2.2741
Hunter-Lab	64.5063, -0.5274, 0.5401

Details

The XYZ color **40.6041, 41.6106, 48.5394** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.9279, 44.1802, 44.9007**, and the grayscale version is **39.9155, 41.9942, 45.7317**.

A 20% lighter version of the original color is **75.4705, 77.5467, 89.5875**, and **18.6749, 18.9851, 22.4189** is the 20% darker color. If you saturate the color by 10%, you get **35.9688, 34.5380, 47.4192**, and if you desaturate by 10%, it is **45.7748, 49.6413, 49.8176**.

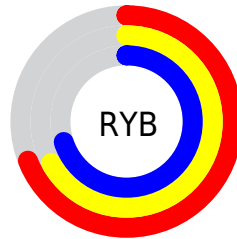
Distribution



Red (69%)

Green (67%)

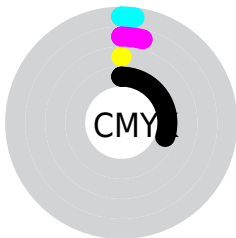
Blue (70%)



Red (69%)

Yellow (67%)

Blue (70%)

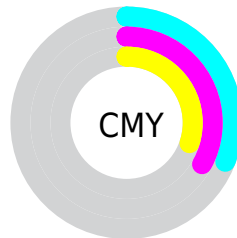


Cyan (2%)

Magenta (4%)

Yellow (0%)

Black (30%)



Cyan (31%)

Magenta (33%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.6041, 41.6106, 48.5394 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 40.6041, 41.6106, 48.5394 by changing the saturation by 10% instead.

■ 40.6041, 41.6106,
48.5394

■ 40.6041, 41.6106,
48.5394

339.7541,
352.8662, 397.4964

■ 28.1962, 28.7965,
33.8912

■ 75.3610, 77.6099,
89.3809

■ 18.6148, 18.9269,
22.5334

98.4408, 101.5640,
116.4112

■ 11.4946, 11.6175,
14.0473

125.8085,
130.0001, 148.4061

■ 6.4703, 6.4838,
8.0144

157.8295,
163.3028, 185.7840

■ 3.1765, 3.1414,
4.0163

194.8693,
201.8563, 228.9634

■ 1.2478, 1.2060,
1.6343

237.2930,

■ 0.1436, 0.0666,

246.0451, 278.3629

0.3151

285.4662,
296.2536, 334.4011

■ 0.0000, 0.0000,
0.0000

■ 40.6041, 41.6106,
48.5394

■ 40.6041, 41.6106,
48.5394

■ 35.9688, 34.5380,
47.4192

■ 45.7748, 49.6413,
49.8176

■ 31.8460, 28.3810,
46.4481

■ 51.4956, 58.6597,
51.2568

■ 28.2162, 23.1019,
45.6204

■ 57.7850, 68.7008,
52.8634

■ 25.0574, 18.6581,
44.9291

■ 64.6598, 79.7964,
54.6428

■ 22.3456, 15.0034,
44.3666

■ 70.3543, 88.4141,
56.0060

■ 20.0547, 12.0872,
43.9245

■ 72.3014, 89.4178,
56.0971

■ 18.1552, 9.8526,
43.5933

■ 74.3296, 90.4634,
56.1920

■ 16.6136, 8.2342,
43.3622

■ 76.4399, 91.5513,
56.2908

■ 15.3895, 7.1532,
43.2180

■ 78.6332, 92.6820,
56.3934

Harmonies

Analogous

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



39.9044, 41.6106, 49.6721



40.6041, 41.6106, 48.5394



41.0242, 41.6106, 46.5568

Triad

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



40.6041, 41.6106, 48.5394



39.9837, 41.6106, 41.2619



38.0902, 41.6106, 46.3276

Complementary

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



40.6041, 41.6106, 48.5394



40.9279, 44.1802, 44.9007

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.



38.1108, 41.6106, 44.0795



40.6041, 41.6106, 48.5394



39.1969, 41.6106, 41.2051

Square

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



40.6041, 41.6106, 48.5394



40.6628, 41.6106, 42.3788



38.5136, 41.6106, 42.2211



38.4570, 41.6106, 48.3668

Rectangle

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



40.6041, 41.6106, 48.5394



41.0858, 41.6106, 45.0445



38.5136, 41.6106, 42.2211



38.0522, 41.6106, 45.5702

Sweetspot

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



40.6053, 41.6124, 48.5403



75.8072, 79.2910, 87.6904



40.0818, 42.2122, 48.6837



16.8059, 17.5837, 19.4305



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



40.6053, 41.6124, 48.5403



72.1825, 73.6952, 86.8014



41.1971, 41.9283, 48.0770



8.9289, 9.0877, 10.7898



10.5323, 4.7654, 30.5017



0.3935, 0.1819, 0.9626

Inverse Universe

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



40.7948, 41.7674, 45.9583



72.5691, 74.0111, 81.5519



40.3562, 43.8752, 45.3399



8.9819, 9.1309, 10.0728



13.8853, 7.0717, 4.5557



0.4657, 0.2340, 0.2953

Previews

White Background



This preview shows how the XYZ color 40.6041, 41.6106, 48.5394 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 40.6041, 41.6106, 48.5394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

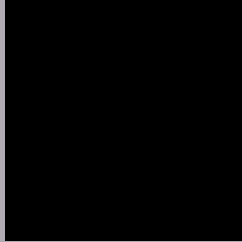
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

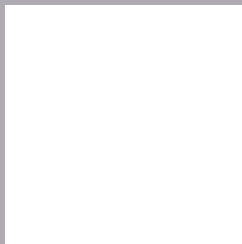
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.6041, 41.6106, 48.5394

Background



This preview shows how black text looks on a background with the XYZ color 40.6041, 41.6106, 48.5394.

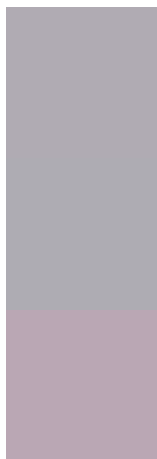


This preview shows how white text looks on a background with the XYZ color 40.6041, 41.6106,

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

40.6041, 41.6106, 48.5394

Protanopia

40.3448, 41.7584, 48.5816

Deuteranopia

42.3066, 41.3718, 48.9358



Tritanopia

41.1579, 41.5573, 51.1995

Trichromacy



Original Color

40.6041, 41.6106, 48.5394

Protanomaly

40.5684, 41.8737, 48.5921

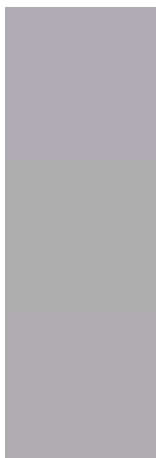
Deuteranomaly

41.5323, 41.2456, 48.9522

Tritanomaly

40.9497, 41.4740, 50.1030

Monochromacy



Original Color

40.6041, 41.6106, 48.5394

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

39.9459, 41.5989, 46.4814

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.6041, 41.6106, 48.5394 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(176, 171, 179)` looks like.

```
.text, #text, p{  
    color:rgb(176, 171, 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(176, 171, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 171, 179) }
```

Border

The CSS property to change the border of an element to XYZ 40.6041, 41.6106, 48.5394 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(176, 171, 179) }
```


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

```
.border{ border-color:rgb(176, 171, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 171, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 171, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 171, 179);  
box-shadow:4px 4px 4px 4px rgb(176, 171,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 40.6041, 41.6106, 48.5394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 171, 179) }
```

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

```
.background{ background-color: rgb(176,  
171, 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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