

Converting Colors

XYZ(40.5140, 41.4611, 40.5178)

Have a look what the booklet for
XYZ(40.5140, 41.4611, 40.5178)
contains.

XYZ(40.5140, 41.4611, 40.5178)	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(40.5140, 41.4611,
40.5178)**

Conversions

Conversions Part 1

Format	Color
Hex	B7AAA3
RGB	183, 170, 163
RGB Percent	72%, 67%, 64%
CMY	0.2824, 0.3333, 0.3608
CMYK	0.00, 0.07, 0.11, 0.28
HSL	21°, 12%, 68%
HSV	21°, 11%, 72%
XYZ	40.5140, 41.4611, 40.5178
YIQ	173.0890, 9.9950, 0.5790

Conversions

Conversions Part 2

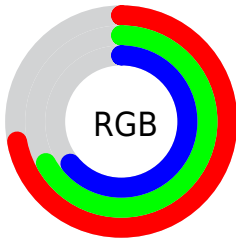
Format	Color
RYB	183, 174, 163
Decimal	12036771
CIELab	70.50, 3.46, 5.28
CIELCh	70, 6.310, 56.779
Yxy	41.4611, 0.3307, 0.3385
Android (android.graphics.Color)	4290226851 (0xFFB7AAA3)
YUV	173.0890, -4.9739, 8.6919
Hunter-Lab	64.3903, -0.3718, 7.7648

Details

The XYZ color **40.5140, 41.4611, 40.5178** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.1766, 42.2552, 50.8913**, and the grayscale version is **39.7878, 41.8599, 45.5854**.

A 20% lighter version of the original color is **75.1767, 77.2631, 77.2807**, and **18.5536, 18.8504, 17.6995** is the 20% darker color. If you saturate the color by 10%, you get **36.8625, 36.5947, 31.7880**, and if you desaturate by 10%, it is **44.6068, 46.8294, 50.5663**.

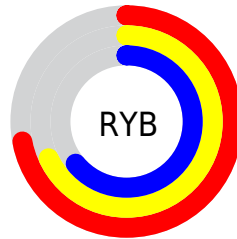
Distribution



Red (72%)

Green (67%)

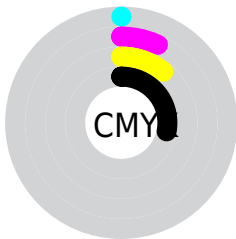
Blue (64%)



Red (72%)

Yellow (68%)

Blue (64%)

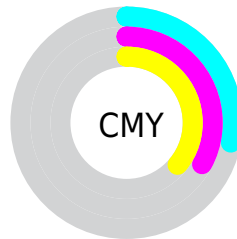


Cyan (0%)

Magenta (7%)

Yellow (11%)

Black (28%)



Cyan (28%)


Magenta (33%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.5140, 41.4611, 40.5178 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 40.5140, 41.4611, 40.5178 by changing the saturation by 10% instead.


 40.5140, 41.4611,
40.5178


 40.5140, 41.4611,
40.5178


339.3827,
352.2441, 363.9180

 28.1255, 28.6796,
27.6256


 75.2250, 77.3834,
77.1971

 18.5612, 18.8385,
17.8071

 98.2781, 101.2929,
101.8212

 11.4558, 11.5537,
10.6436


125.6170,
129.6805, 131.1932

 6.4438, 6.4405,
5.7166

157.6067,
162.9306, 165.7314

 3.1600, 3.1148,
2.6075

194.6128,
201.4277, 205.8544

 1.2389, 1.1919,
0.8963

237.0006,

 0.1368, 0.0551,

245.5560, 251.9809

0.0000

285.1354,
295.7000, 304.5292

■ 0.0000, 0.0000,
0.0000

■ 40.5140, 41.4611,
40.5178

■ 40.5140, 41.4611,
40.5178

■ 36.8625, 36.5947,
31.7880

■ 44.6068, 46.8294,
50.5663

■ 33.6334, 32.2101,
24.3191

■ 49.1520, 52.7082,
61.9827

■ 30.8114, 28.2936,
18.0529

■ 54.1649, 59.1128,
74.8172

■ 28.3790, 24.8290,
12.9252

■ 59.6586, 66.0561,
89.1162

■ 26.3171, 21.7988,
8.8664

■ 65.6461, 73.5506,
104.9244

■ 24.6050, 19.1845,
5.7986

■ 69.1391, 80.4083,
106.4841

■ 23.2195, 16.9661,
3.6334

■ 72.7818, 87.6938,
107.6983

■ 22.1340, 15.1212,
2.2662

■ 73.3386, 88.8074,
107.8839

■ 21.3667, 13.7435,
1.5266

Harmonies

Analogous

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



41.2210, 41.4611, 42.6111



40.5140, 41.4611, 40.5178



39.5201, 41.4611, 39.6609

Triad

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



40.5140, 41.4611, 40.5178



37.4433, 41.4611, 44.8228



40.3159, 41.4611, 50.4558

Complementary

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



40.5140, 41.4611, 40.5178



39.1766, 42.2552, 50.8913

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.



39.2952, 41.4611, 51.1107



40.5140, 41.4611, 40.5178



37.6480, 41.4611, 47.7755

Square

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



40.5140, 41.4611, 40.5178



37.7572, 41.4611, 42.0767



38.3214, 41.4611, 50.1098



41.1053, 41.4611, 48.3571

Rectangle

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



40.5140, 41.4611, 40.5178



38.8327, 41.4611, 39.8767



38.3214, 41.4611, 50.1098



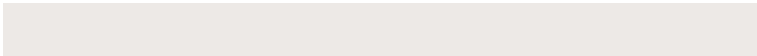
39.9880, 41.4611, 50.8560

Sweetspot

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



40.5151, 41.4629, 40.5187



78.2682, 81.7558, 86.5443



40.4625, 39.3968, 46.5465



17.1531, 17.8823, 18.7841



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.



40.5151, 41.4629, 40.5187



70.9976, 72.1879, 68.7886



42.4609, 45.3545, 41.1673



9.2550, 9.5129, 9.4553



14.9645, 9.7055, 1.0846



0.5869, 0.4608, 0.0580

Inverse Universe

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



39.1766, 42.2552, 50.8913



68.1434, 73.8764, 90.9037



37.2882, 38.4784, 50.2618



8.9948, 9.6669, 11.4713



10.6241, 11.7079, 32.9530



0.4302, 0.5241, 1.1802

Previews

White Background



This preview shows how the XYZ color 40.5140, 41.4611, 40.5178 looks on a white background.

Color Contrast Check

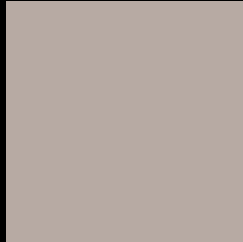
Large Text (above 18pt) WCAG AA × Fail

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 40.5140, 41.4611, 40.5178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

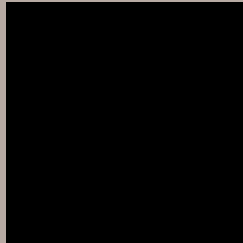
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

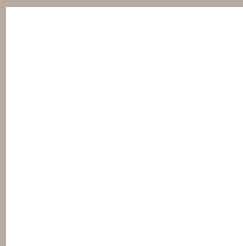
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.5140, 41.4611, 40.5178

Background



This preview shows how black text looks on a background with the XYZ color 40.5140, 41.4611, 40.5178.



This preview shows how white text looks on a background with the XYZ color 40.5140, 41.4611,

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

40.5140, 41.4611, 40.5178

Protanopia

39.8135, 41.6504, 41.0629

Deuteranopia

42.2578, 41.5242, 40.9097



Tritanopia

42.0645, 41.2470, 48.9244

Trichromacy



Original Color

40.5140, 41.4611, 40.5178

Protanomaly

40.0861, 41.5095, 41.0213

Deuteranomaly

41.6897, 41.5044, 40.9358

Tritanomaly

41.4098, 41.2516, 45.8242

Monochromacy



Original Color

40.5140, 41.4611, 40.5178

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

40.0454, 41.7167, 43.4776

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.5140, 41.4611, 40.5178 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, 170, 163)` looks like.

```
.text, #text, p{  
    color:rgb(183, 170, 163)  
}
```

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, 170, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 170, 163) }
```

Border

The CSS property to change the border of an element to XYZ 40.5140, 41.4611, 40.5178 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, 170, 163) }
```


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

```
.border{ border-color:rgb(183, 170, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 170, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 170, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 170, 163);  
box-shadow:4px 4px 4px 4px rgb(183, 170,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 40.5140, 41.4611, 40.5178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 170, 163) }
```

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

```
.background{ background-color: rgb(183,  
170, 163) }
```

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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