

Converting Colors

XYZ(40.5539, 41.5324, 38.2269)

Have a look what the booklet for
XYZ(40.5539, 41.5324, 38.2269)
contains.

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Color

**XYZ(40.5539, 41.5324,
38.2269)**

Conversions

Conversions Part 1

Format	Color
Hex	B9AA9E
RGB	185, 170, 158
RGB Percent	73%, 67%, 62%
CMY	0.2745, 0.3333, 0.3804
CMYK	0.00, 0.08, 0.15, 0.27
HSL	27°, 16%, 67%
HSV	27°, 15%, 73%
XYZ	40.5539, 41.5324, 38.2269
YIQ	173.1170, 12.7920, -0.5520

Conversions

Conversions Part 2

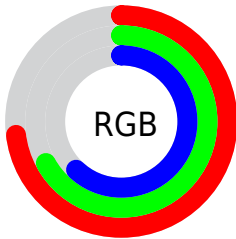
Format	Color
RYB	185, 180, 158
Decimal	12167838
CIELab	70.55, 3.37, 8.13
CIELCh	71, 8.798, 67.498
Yxy	41.5324, 0.3371, 0.3452
Android (android.graphics.Color)	4290357918 (0xFFB9AA9E)
YUV	173.1170, -7.4527, 10.4214
Hunter-Lab	64.4456, -0.4546, 9.9432

Details

The XYZ color **40.5539, 41.5324, 38.2269** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.8009, 40.6582, 51.7548**, and the grayscale version is **39.8134, 41.8868, 45.6147**.

A 20% lighter version of the original color is **75.2111, 77.3553, 73.9178**, and **18.6480, 18.9239, 16.5797** is the 20% darker color. If you saturate the color by 10%, you get **37.2286, 37.2410, 29.8446**, and if you desaturate by 10%, it is **44.2718, 46.2246, 47.9237**.

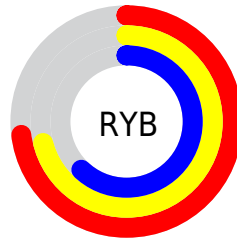
Distribution



Red (73%)

Green (67%)

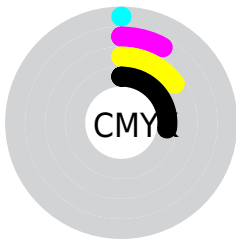
Blue (62%)



Red (73%)

Yellow (71%)

Blue (62%)

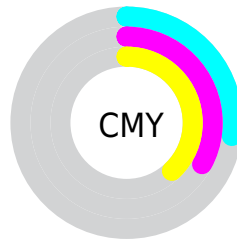


Cyan (0%)

Magenta (8%)

Yellow (15%)

Black (27%)



Cyan (27%)


Magenta (33%)


Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.5539, 41.5324, 38.2269 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 40.5539, 41.5324, 38.2269 by changing the saturation by 10% instead.


 40.5539, 41.5324,
38.2269


 40.5539, 41.5324,
38.2269


339.5472,
352.5409, 353.9196

 28.1568, 28.7353,
25.8556


 75.2852, 77.4914,
73.6631

 18.5850, 18.8807,
16.4909


 98.3502, 101.4222,
97.5650

 11.4730, 11.5841,
9.7141

125.7018,
129.8330, 126.1477

 6.4555, 6.4612,
5.1067

157.7054,
163.1081, 159.8295

 3.1673, 3.1275,
2.2502

194.7264,
201.6321, 199.0291

 1.2428, 1.1986,
0.7031

237.1301,

 0.1398, 0.0606,

245.7893, 244.1649

0.0000

285.2819,
295.9641, 295.6556

■ 0.0000, 0.0000,
0.0000

■ 40.5539, 41.5324,
38.2269

■ 40.5539, 41.5324,
38.2269

■ 37.2286, 37.2410,
29.8446

■ 44.2718, 46.2246,
47.9237

■ 34.2784, 33.3337,
22.7169

■ 48.3922, 51.3225,
58.9863

■ 31.6895, 29.8007,
16.7829

■ 52.9290, 56.8384,
71.4663

■ 29.4455, 26.6295,
11.9758

■ 57.8941, 62.7819,
85.4119

■ 27.5291, 23.8071,
8.2217

■ 63.2992, 69.1626,
100.8690

■ 25.9207, 21.3193,
5.4383

■ 66.8179, 75.0546,
105.5730

■ 24.5983, 19.1504,
3.5302

■ 69.7897, 80.9983,
106.5637

■ 23.5360, 17.2832,
2.3827

■ 72.9334, 87.2856,
107.6116

■ 23.0437, 16.3863,
1.9483

■ 73.8178, 89.0544,
107.9063

Harmonies

Analogous

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



41.7329, 41.5324, 40.5251



40.5539, 41.5324, 38.2269



39.1119, 41.5324, 37.7456

Triad

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



40.5539, 41.5324, 38.2269



36.7704, 41.5324, 46.2736



41.2001, 41.5324, 51.8694

Complementary

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



40.5539, 41.5324, 38.2269



37.8009, 40.6582, 51.7548

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.



39.8409, 41.5324, 53.6250



40.5539, 41.5324, 38.2269



37.3006, 41.5324, 50.2679

Square

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



40.5539, 41.5324, 38.2269



36.9507, 41.5324, 42.2290



38.4160, 41.5324, 53.0217



42.1123, 41.5324, 48.3526

Rectangle

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



40.5539, 41.5324, 38.2269



38.1997, 41.5324, 38.4910



38.4160, 41.5324, 53.0217



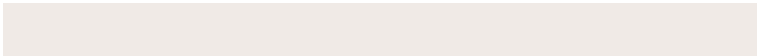
40.7790, 41.5324, 52.6946

Sweetspot

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



40.5550, 41.5342, 38.2278



79.6617, 83.2514, 86.8159



39.8068, 37.7974, 44.8856



17.0598, 17.8054, 18.4147



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.



40.5550, 41.5342, 38.2278



70.3486, 71.4600, 62.6412



43.1544, 46.7329, 39.0942



9.3244, 9.6518, 9.4784



15.7610, 11.2983, 1.3501



0.6175, 0.5221, 0.0682

Inverse Universe

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



37.8009, 40.6582, 51.7548



64.3224, 69.5425, 92.2375



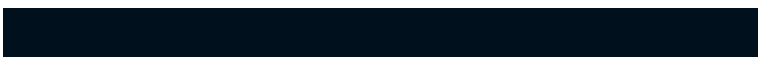
35.3942, 35.8448, 50.9526



8.9236, 9.5243, 11.4475



9.3222, 9.1041, 32.5190



0.3893, 0.4423, 1.1666

Previews

White Background



This preview shows how the XYZ color 40.5539, 41.5324, 38.2269 looks on a white background.

Color Contrast Check

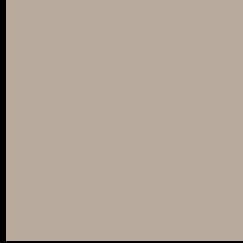
Large Text (above 18pt) WCAG AA × Fail

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 40.5539, 41.5324, 38.2269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

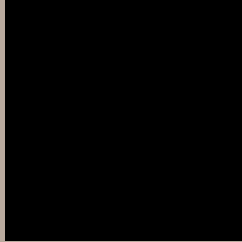
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.5539, 41.5324, 38.2269

Background



This preview shows how black text looks on a background with the XYZ color 40.5539, 41.5324, 38.2269.



This preview shows how white text looks on a background with the XYZ color 40.5539, 41.5324,

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

40.5539, 41.5324, 38.2269

Protanopia

39.6009, 41.5920, 38.7417

Deuteranopia

42.3249, 41.6100, 38.6017



Tritanopia

42.7960, 41.6241, 48.9587

Trichromacy



Original Color

40.5539, 41.5324, 38.2269

Protanomaly

39.8770, 41.4528, 38.7003

Deuteranomaly

41.7465, 41.5848, 38.6273

Tritanomaly

41.9425, 41.5486, 44.8388

Monochromacy



Original Color

40.5539, 41.5324, 38.2269

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

39.9519, 41.6793, 42.9850

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.5539, 41.5324, 38.2269 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(185, 170, 158)` looks like.

```
.text, #text, p{  
    color:rgb(185, 170, 158)  
}
```

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(185, 170, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 170, 158) }
```

Border

The CSS property to change the border of an element to XYZ 40.5539, 41.5324, 38.2269 is called "border". The border property can be set on classes, ids or directly on the HTML element.

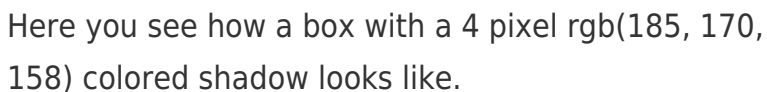
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 170, 158) }
```


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

```
.border{ border-color:rgb(185, 170, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 170, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 170, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 170, 158);  
box-shadow:4px 4px 4px 4px rgb(185, 170,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 40.5539, 41.5324, 38.2269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 170, 158) }
```

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

```
.background{ background-color: rgb(185,  
170, 158) }
```

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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