

Converting Colors

XYZ(40.7950, 44.7324, 39.2838)

Have a look what the booklet for
XYZ(40.7950, 44.7324, 39.2838)
contains.

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Color

**XYZ(40.9133, 44.8981,
39.3107)**

Conversions

Conversions Part 1

Format	Color
Hex	B1B59F
RGB	177, 181, 159
RGB Percent	69%, 71%, 62%
CMY	0.3059, 0.2902, 0.3765
CMYK	0.02, 0.00, 0.12, 0.29
HSL	71°, 13%, 67%
HSV	71°, 12%, 71%
XYZ	40.9133, 44.8981, 39.3107
YIQ	177.2960, 4.6780, -7.6900

Conversions

Conversions Part 2

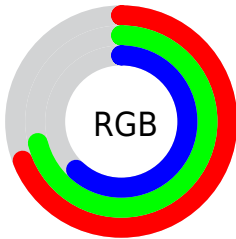
Format	Color
RYB	159, 181, 163
Decimal	11646367
CIELab	72.82, -5.34, 10.73
CIELCh	73, 11.989, 116.452
Yxy	44.8981, 0.3270, 0.3588
Android (android.graphics.Color)	4289836447 (0xFFB1B59F)
YUV	177.2960, -9.0199, -0.2596
Hunter-Lab	67.0060, -8.2701, 12.1203

Details

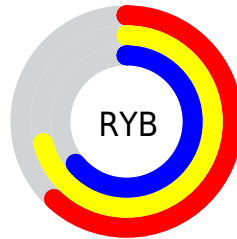
The XYZ color **40.9133, 44.8981, 39.3107** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **35.8447, 35.9203, 48.7627**, and the grayscale version is **41.9908, 44.1776, 48.1094**.

A 20% lighter version of the original color is **76.0261, 82.7471, 75.5831**, and **18.7381, 20.8061, 17.2157** is the 20% darker color. If you saturate the color by 10%, you get **38.7154, 43.9348, 31.6004**, and if you desaturate by 10%, it is **43.3618, 45.9667, 48.2353**.

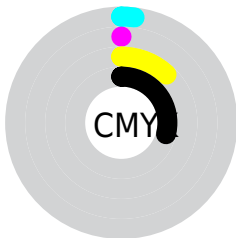
Distribution



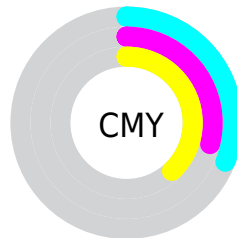
- Red (69%)
- Green (71%)
- Blue (62%)



- Red (62%)
- Yellow (71%)
- Blue (64%)



- Cyan (2%)
- Magenta (0%)
- Yellow (12%)
- Black (29%)



- Cyan (31%)
- Magenta (29%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.9133, 44.8981, 39.3107 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 40.9133, 44.8981, 39.3107 by changing the saturation by 10% instead.

■ 40.9133, 44.8981,
39.3107

■ 40.9133, 44.8981,
39.3107

341.0269,
366.3607, 358.6750

■ 28.4387, 31.3772,
26.6918

■ 75.8278, 82.5675,
75.3383

■ 18.7988, 20.8862,
17.1115

■ 98.9984, 107.4847,
99.5841

■ 11.6281, 13.0409,
10.1512

126.4651,
136.9695, 128.5426

■ 6.5614, 7.4567,
5.3924

158.5932,
171.4063, 162.6324

■ 3.2332, 3.7493,
2.4166

195.7481,
211.1794, 202.2720

■ 1.2783, 1.5343,
0.7954

238.2951,

■ 0.1669, 0.3127,

256.6732, 247.8799

0.0000

286.5996,
308.2722, 299.8747

■ 0.0000, 0.0000,
0.0000

■ 40.9133, 44.8981,
39.3107

■ 40.9133, 44.8981,
39.3107

■ 38.7154, 43.9348,
31.6004

■ 43.3618, 45.9667,
48.2353

■ 36.7544, 43.0668,
25.0490

■ 46.0667, 47.1385,
58.4204

■ 35.0206, 42.2918,
19.6012

■ 49.0383, 48.4191,
69.9137

■ 33.5025, 41.6051,
15.1961

■ 52.2849, 49.8119,
82.7592

■ 32.1870, 41.0015,
11.7667

■ 55.8148, 51.3200,
96.9990

■ 31.0600, 40.4753,
9.2384

■ 57.5391, 52.1082,
101.6330

■ 30.1051, 40.0200,
7.5258

■ 58.4098, 52.5570,
101.6737

■ 29.3028, 39.6276,
6.5270

■ 59.2995, 53.0157,
101.7154

■ 28.7493, 39.3516,
6.0804

■ 60.2082, 53.4841,
101.7579

Harmonies

Analogous

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



42.9229, 44.8981, 38.2991



40.9133, 44.8981, 39.3107



39.4196, 44.8981, 42.8120

Triad

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



40.9133, 44.8981, 39.3107



40.4969, 44.8981, 59.0931



46.8019, 44.8981, 49.6003

Complementary

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



40.9133, 44.8981, 39.3107



35.8447, 35.9203, 48.7627

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.



46.1034, 44.8981, 55.5099



40.9133, 44.8981, 39.3107



42.4267, 44.8981, 61.2645

Square

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



40.9133, 44.8981, 39.3107



39.1847, 44.8981, 54.1812



44.4851, 44.8981, 59.9031



46.3651, 44.8981, 43.9483

Rectangle

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



40.9133, 44.8981, 39.3107



38.8943, 44.8981, 46.2458



44.4851, 44.8981, 59.9031



46.6916, 44.8981, 51.6256

Sweetspot

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



40.9145, 44.9001, 39.3117



76.7831, 81.9414, 83.1581



38.3537, 38.4044, 38.1929



16.5230, 17.6789, 17.7063



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.



40.9145, 44.9001, 39.3117



72.0076, 79.8565, 65.9014



38.5793, 43.6962, 39.2024



9.0424, 9.8269, 9.0727



19.8716, 27.1542, 4.1940



0.6647, 0.8747, 0.1338

Inverse Universe

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



35.8447, 35.9203, 48.7627



60.8575, 60.1060, 86.6887



38.1215, 37.0940, 48.8692



8.1815, 8.3021, 10.6776



6.2244, 2.5446, 30.3001



0.2390, 0.1023, 0.9554

Previews

White Background



This preview shows how the XYZ color 40.9133, 44.8981, 39.3107 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 40.9133, 44.8981, 39.3107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

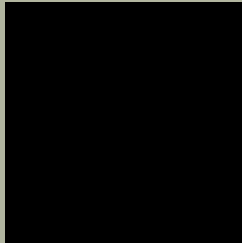
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.9133, 44.8981, 39.3107

Background



This preview shows how black text looks on a background with the XYZ color 40.9133, 44.8981, 39.3107.



This preview shows how white text looks on a background with the XYZ color 40.9133, 44.8981,

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

40.9133, 44.8981, 39.3107

Protanopia

42.4997, 44.8399, 38.3133

Deuteranopia

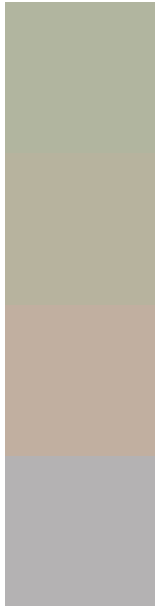
45.5427, 44.6348, 39.9332



Tritanopia

44.1110, 44.7135, 55.0209

Trichromacy



Original Color

40.9133, 44.8981, 39.3107

Protanomaly

41.8201, 44.7761, 38.7862

Deuteranomaly

43.6675, 44.5355, 39.5524

Tritanomaly

42.8795, 44.7988, 49.0349

Monochromacy



Original Color

40.9133, 44.8981, 39.3107

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.3076, 44.0902, 44.3633

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.9133, 44.8981, 39.3107 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(177, 181, 159)` looks like.

```
.text, #text, p{  
    color:rgb(177, 181, 159)  
}
```

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(177, 181, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 181, 159) }
```

Border

The CSS property to change the border of an element to XYZ 40.9133, 44.8981, 39.3107 is called "border". The border property can be set on classes, ids or directly on the HTML element.

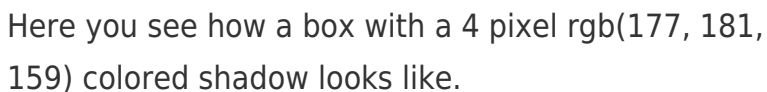
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 181, 159) }
```


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

```
.border{ border-color:rgb(177, 181, 159) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 181, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 181, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 181, 159); box-shadow:4px 4px 4px 4px rgb(177, 181, 159) }
```

Background

The CSS property to change the background color of an element to XYZ 40.9133, 44.8981, 39.3107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 181, 159) }
```

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

```
.background{ background-color: rgb(177,  
181, 159) }
```

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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