

Converting Colors

XYZ(39.6180, 40.9818, 33.8420)

Have a look what the booklet for
XYZ(39.6180, 40.9818, 33.8420)
contains.

XYZ(39.5408, 40.8283, 33.8136)	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(39.5408, 40.8283,
33.8136)**

Conversions

Conversions Part 1

Format	Color
Hex	B9A994
RGB	185, 169, 148
RGB Percent	73%, 66%, 58%
CMY	0.2745, 0.3372, 0.4196
CMYK	0.00, 0.09, 0.20, 0.27
HSL	34°, 21%, 65%
HSV	34°, 20%, 73%
XYZ	39.5408, 40.8283, 33.8136
YIQ	171.3900, 16.2770, -3.1390

Conversions

Conversions Part 2

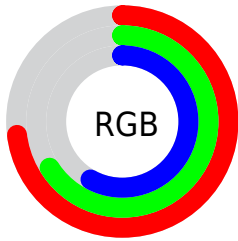
Format	Color
RYB	176, 185, 148
Decimal	12167572
CIELab	70.06, 2.33, 12.93
CIELCh	70, 13.141, 79.803
Yxy	40.8283, 0.3463, 0.3576
Android (android.graphics.Color)	4290357652 (0xFFB9A994)
YUV	171.3900, -11.5313, 11.9360
Hunter-Lab	63.8970, -1.3603, 13.3523

Details

The XYZ color **39.5408, 40.8283, 33.8136** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.2449, 36.3487, 51.1102**, and the grayscale version is **38.9562, 40.9849, 44.6326**.

A 20% lighter version of the original color is **73.5920, 76.2763, 66.7212**, and **18.0347, 18.4912, 13.9279** is the 20% darker color. If you saturate the color by 10%, you get **36.7495, 37.4047, 26.2269**, and if you desaturate by 10%, it is **42.6594, 44.5313, 42.6650**.

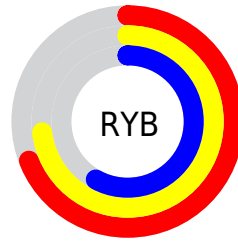
Distribution



Red (73%)

Green (66%)

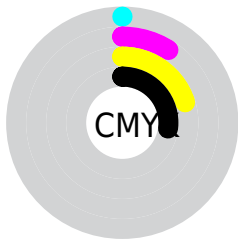
Blue (58%)



Red (69%)

Yellow (73%)

Blue (58%)

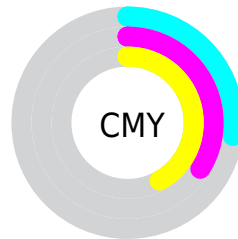


Cyan (0%)

Magenta (9%)

Yellow (20%)

Black (27%)



Cyan (27%)


Magenta (34%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.5408, 40.8283, 33.8136 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 39.5408, 40.8283, 33.8136 by changing the saturation by 10% instead.


 39.5408, 40.8283,
33.8136


 39.5408, 40.8283,
33.8136


335.3520,
349.6025, 334.0439

 27.3633, 28.1849,
22.4742


 73.7525, 76.4232,
66.7743

 17.9843, 18.4651,
14.0041


 96.5175, 100.1435,
89.2327

 11.0383, 11.2844,
7.9848

123.5423,
128.3249, 116.2345

 6.1601, 6.2585,
3.9976

155.1924,
161.3518, 148.1983

 2.9843, 3.0029,
1.6240

191.8330,
199.6087, 185.5426

 1.1454, 1.1332,
0.3079

233.8296,

 0.0626, 0.0061,

243.4798, 228.6859

0.0000

281.5475,
293.3496, 278.0468

■ 0.0000, 0.0000,
0.0000

■ 39.5408, 40.8283,
33.8136

■ 39.5408, 40.8283,
33.8136

■ 36.7495, 37.4047,
26.2269

■ 42.6594, 44.5313,
42.6650

■ 34.2696, 34.2473,
19.8435

■ 46.1139, 48.5154,
52.8337

■ 32.0884, 31.3498,
14.6004

■ 49.9168, 52.7895,
64.3722

■ 30.1911, 28.7035,
10.4279

■ 54.0786, 57.3602,
77.3297

■ 28.5614, 26.2992,
7.2486

■ 58.6097, 62.2340,
91.7525

■ 27.1809, 24.1265,
4.9747

■ 62.8688, 67.1566,
104.2567

■ 26.0281, 22.1739,
3.5022

■ 64.9805, 71.3801,
104.9606

■ 25.0613, 20.4215,
2.6209

■ 67.1936, 75.8062,
105.6983

■ 25.0612, 20.4214,
2.6209

■ 69.5093, 80.4376,
106.4702

Harmonies

Analogous

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



41.5294, 40.8283, 36.0293



39.5408, 40.8283, 33.8136



37.4255, 40.8283, 34.2420

Triad

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



39.5408, 40.8283, 33.8136



35.0535, 40.8283, 48.5782



42.0424, 40.8283, 52.5228

Complementary

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



39.5408, 40.8283, 33.8136



34.2449, 36.3487, 51.1102

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.



40.2202, 40.8283, 56.5203



39.5408, 40.8283, 33.8136



36.2045, 40.8283, 54.1016

Square

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



39.5408, 40.8283, 33.8136



34.8867, 40.8283, 42.3966



38.0805, 40.8283, 57.1233



43.0085, 40.8283, 46.5791

Rectangle

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



39.5408, 40.8283, 33.8136



36.2252, 40.8283, 35.9840



38.0805, 40.8283, 57.1233



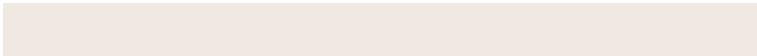
41.5067, 40.8283, 54.1611

Sweetspot

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



39.5419, 40.8301, 33.8145



78.7431, 82.4777, 83.2314



37.3017, 34.1761, 39.7688



16.8907, 17.6825, 17.6950



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.



39.5419, 40.8301, 33.8145



68.5516, 70.3711, 54.3191



42.1121, 46.8464, 34.8403



9.4163, 9.8355, 9.5090



17.1379, 14.0521, 1.8091



0.6644, 0.6159, 0.0839

Inverse Universe

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



34.2449, 36.3487, 51.1102



57.3389, 60.8860, 90.9347



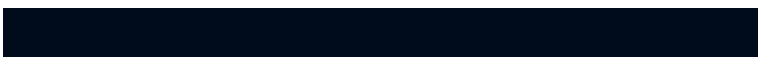
32.0111, 31.2115, 50.2364



8.8319, 9.3410, 11.4169



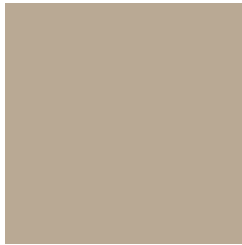
7.9847, 6.4290, 32.0732



0.3432, 0.3501, 1.1512

Previews

White Background



This preview shows how the XYZ color 39.5408, 40.8283, 33.8136 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 39.5408, 40.8283, 33.8136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

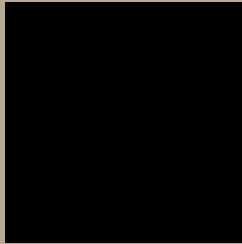
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.5408, 40.8283, 33.8136

Background



This preview shows how black text looks on a background with the XYZ color 39.5408, 40.8283, 33.8136.



This preview shows how white text looks on a background with the XYZ color 39.5408, 40.8283,

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

39.5408, 40.8283, 33.8136

Protanopia

38.8101, 40.9990, 34.3019

Deuteranopia

41.6449, 40.8160, 34.1171



Tritanopia

42.4773, 40.9434, 47.7836

Trichromacy



Original Color

39.5408, 40.8283, 33.8136

Protanomaly

39.0909, 40.8645, 34.2611

Deuteranomaly

40.7993, 40.6488, 34.1294

Tritanomaly

41.3503, 40.7538, 42.2461

Monochromacy



Original Color

39.5408, 40.8283, 33.8136

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.8901, 40.6239, 40.4418

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5408, 40.8283, 33.8136 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, 169, 148)` looks like.

```
.text, #text, p{  
    color:rgb(185, 169, 148)  
}
```

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, 169, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 169, 148) }
```

Border

The CSS property to change the border of an element to XYZ 39.5408, 40.8283, 33.8136 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, 169, 148) }
```


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

```
.border{ border-color:rgb(185, 169, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 169, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 169, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 169, 148);  
box-shadow:4px 4px 4px 4px rgb(185, 169,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5408, 40.8283, 33.8136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 169, 148) }
```

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

```
.background{ background-color: rgb(185,  
169, 148) }
```

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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