

Converting Colors

XYZ(39.7516, 39.4962, 38.6236)

Have a look what the booklet for
XYZ(39.7516, 39.4962, 38.6236)
contains.

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Color

**XYZ(39.8703, 39.5281,
38.7860)**

Conversions

Conversions Part 1

Format	Color
Hex	BAA4A0
RGB	186, 164, 160
RGB Percent	73%, 64%, 63%
CMY	0.2706, 0.3568, 0.3725
CMYK	0.00, 0.12, 0.14, 0.27
HSL	9°, 16%, 68%
HSV	9°, 14%, 73%
XYZ	39.8703, 39.5281, 38.7860
YIQ	170.1220, 14.3960, 3.4200

Conversions

Conversions Part 2

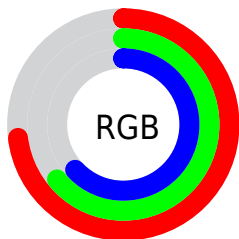
Format	Color
RYB	186, 165, 160
Decimal	12231840
CIELab	69.13, 7.34, 5.00
CIElCh	69, 8.884, 34.282
Yxy	39.5281, 0.3374, 0.3345
Android (android.graphics.Color)	4290421920 (0xFFBAA4A0)
YUV	170.1220, -4.9901, 13.9250
Hunter-Lab	62.8714, 3.1720, 7.4334

Details

The XYZ color **39.8703, 39.5281, 38.7860** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.0878, 44.4736, 52.9261**, and the grayscale version is **38.2893, 40.2833, 43.8685**.

A 20% lighter version of the original color is **74.2152, 74.4466, 74.7480**, and **18.2274, 17.6790, 16.9197** is the 20% darker color. If you saturate the color by 10%, you get **35.7196, 33.6384, 29.9663**, and if you desaturate by 10%, it is **44.6152, 46.2156, 49.0057**.

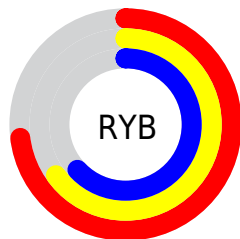
Distribution



Red (73%)

Green (64%)

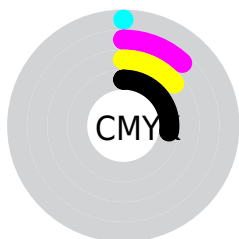
Blue (63%)



Red (73%)

Yellow (65%)

Blue (63%)

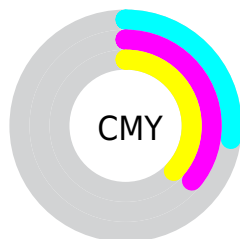


Cyan (0%)

Magenta (12%)

Yellow (14%)

Black (27%)



Cyan (27%)


Magenta (36%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.8703, 39.5281, 38.7860 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 39.8703, 39.5281, 38.7860 by changing the saturation by 10% instead.


 39.8703, 39.5281,
38.7860


 39.8703, 39.5281,
38.7860


336.7204,
344.1306, 356.3786

 27.6212, 27.1708,
26.2867

 74.2516, 74.4444,
74.5280

 18.1793, 17.7015,
16.8106


 97.1144, 97.7722,
98.6079

 11.1793, 10.7359,
9.9390


124.2459,
125.5256, 127.3850

 6.2557, 5.8896,
5.2535

156.0114,
158.0890, 161.2779

 3.0433, 2.7780,
2.3354

192.7763,
195.8468, 200.7052

 1.1767, 1.0170,
0.7510

234.9058,

 0.0879, 0.0000,

239.1834, 246.0854

0.0000

282.7654,
288.4832, 297.8370

■ 0.0000, 0.0000,
0.0000

■ 39.8703, 39.5281,
38.7860

■ 39.8703, 39.5281,
38.7860

■ 35.7196, 33.6384,
29.9663

■ 44.6152, 46.2156,
49.0057

■ 32.1362, 28.5116,
22.4832

■ 49.9730, 53.7238,
60.6802

■ 29.0964, 24.1180,
16.2720

■ 55.9659, 62.0810,
73.8643

■ 26.5731, 20.4238,
11.2617

■ 62.6139, 71.3128,
88.6093

■ 24.5371, 17.3927,
7.3742

■ 69.9359, 81.4436,
104.9639

■ 22.9562, 14.9849,
4.5223

■ 74.0598, 89.1792,
107.9177

■ 21.7940, 13.1566,
2.6058

■ 21.0083, 11.8575,
1.5042

■ 20.6804, 11.3004,
1.0912

Harmonies

Analogous

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



40.3575, 39.5281, 42.4585



39.8703, 39.5281, 38.7860



38.7668, 39.5281, 36.3758

Triad

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



39.8703, 39.5281, 38.7860



35.1651, 39.5281, 39.7365



37.7744, 39.5281, 51.3120

Complementary

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



39.8703, 39.5281, 38.7860



40.0878, 44.4736, 52.9261

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.



36.3986, 39.5281, 50.4708



39.8703, 39.5281, 38.7860



34.9144, 39.5281, 43.6255

Square

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



39.8703, 39.5281, 38.7860



36.0542, 39.5281, 36.8998



35.3604, 39.5281, 47.5929



39.1283, 39.5281, 49.8248

Rectangle

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



39.8703, 39.5281, 38.7860



37.8428, 39.5281, 35.7225



35.3604, 39.5281, 47.5929



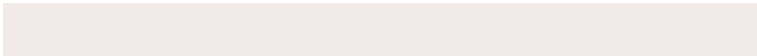
37.2991, 39.5281, 51.2928

Sweetspot

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



39.8714, 39.5299, 38.7868



80.7867, 83.6549, 88.6507



41.2747, 38.9628, 49.6557



17.6387, 18.2088, 19.1935



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



39.8714, 39.5299, 38.7868



69.6664, 67.9658, 64.7469



42.2976, 44.3824, 39.5956



9.1133, 9.2296, 9.4081



13.9490, 7.6744, 0.7461



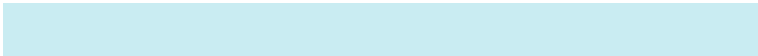
0.5271, 0.3413, 0.0381

Inverse Universe

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



40.0878, 44.4736, 52.9261



70.1393, 78.7910, 95.7129



37.5672, 39.4324, 52.0859



9.1457, 9.9687, 11.5215



14.1596, 18.7788, 34.1315



0.5313, 0.7263, 1.2139

Previews

White Background



This preview shows how the XYZ color 39.8703, 39.5281, 38.7860 looks on a white background.

Color Contrast Check

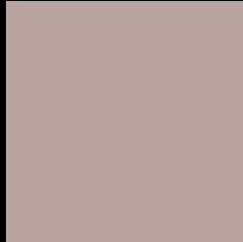
Large Text (above 18pt) WCAG AA × Fail

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 39.8703, 39.5281, 38.7860 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 39.8703, 39.5281, 38.7860

Background



This preview shows how black text looks on a background with the XYZ color 39.8703, 39.5281, 38.7860.



This preview shows how white text looks on a background with the XYZ color 39.8703, 39.5281,

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

39.8703, 39.5281, 38.7860

Protanopia

37.7578, 39.4981, 39.8163

Deuteranopia

40.1814, 39.4238, 38.7495



Tritanopia

41.2993, 39.5880, 45.5089

Trichromacy



Original Color

39.8703, 39.5281, 38.7860

Protanomaly

38.6118, 39.6756, 39.3413

Deuteranomaly

39.9359, 39.2972, 38.7380

Tritanomaly

40.7521, 39.6238, 43.0364

Monochromacy



Original Color

39.8703, 39.5281, 38.7860

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.7901, 39.9885, 41.7505

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.8703, 39.5281, 38.7860 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(186, 164, 160) looks like.

```
.text, #text, p{  
    color:rgb(186, 164, 160)  
}
```

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(186, 164, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 164, 160) }
```

Border

The CSS property to change the border of an element to XYZ 39.8703, 39.5281, 38.7860 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(186, 164, 160) }
```


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

```
.border{ border-color:rgb(186, 164, 160) }
```

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

Here you see how a box with a 4 pixel rgb(186, 164, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 164, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 164, 160);  
box-shadow:4px 4px 4px 4px rgb(186, 164,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 39.8703, 39.5281, 38.7860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 164, 160) }
```

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

```
.background{ background-color: rgb(186,  
164, 160) }
```

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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