

Converting Colors

XYZ(38.8843, 40.0789, 39.8690)

Have a look what the booklet for
XYZ(38.8843, 40.0789, 39.8690)
contains.

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Color

**XYZ(38.8843, 40.0789,
39.8690)**

Conversions

Conversions Part 1

Format	Color
Hex	B2A8A2
RGB	178, 168, 162
RGB Percent	70%, 66%, 64%
CMY	0.3020, 0.3412, 0.3647
CMYK	0.00, 0.06, 0.09, 0.30
HSL	23°, 9%, 67%
HSV	23°, 9%, 70%
XYZ	38.8843, 40.0789, 39.8690
YIQ	170.3060, 7.8860, 0.2540

Conversions

Conversions Part 2

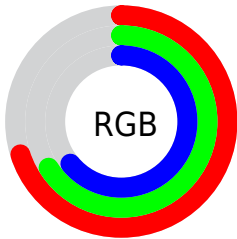
Format	Color
RYB	178, 172, 162
Decimal	11708578
CIELab	69.53, 2.53, 4.37
CIELCh	70, 5.055, 59.935
Yxy	40.0789, 0.3272, 0.3373
Android (android.graphics.Color)	4289898658 (0xFFB2A8A2)
YUV	170.3060, -4.0949, 6.7476
Hunter-Lab	63.3079, -1.1525, 6.9769

Details

The XYZ color **38.8843, 40.0789, 39.8690** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.6885, 40.4000, 47.9314**, and the grayscale version is **38.3791, 40.3778, 43.9714**.

A 20% lighter version of the original color is **72.8437, 75.2775, 76.3364**, and **17.5173, 17.9765, 17.2984** is the 20% darker color. If you saturate the color by 10%, you get **35.4469, 35.5593, 31.4616**, and if you desaturate by 10%, it is **42.7235, 45.0429, 49.5163**.

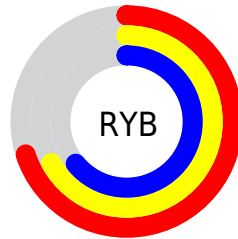
Distribution



Red (70%)

Green (66%)

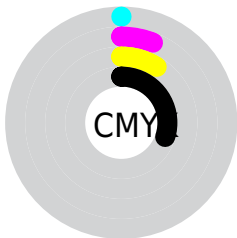
Blue (64%)



Red (70%)

Yellow (67%)

Blue (64%)

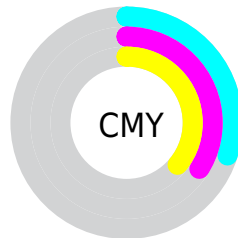


Cyan (0%)

Magenta (6%)

Yellow (9%)

Black (30%)



Cyan (30%)


Magenta (34%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.8843, 40.0789, 39.8690 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 38.8843, 40.0789, 39.8690 by changing the saturation by 10% instead.


 38.8843, 40.0789,
39.8690


 38.8843, 40.0789,
39.8690

332.6140,
346.4560, 361.1068

 26.8501, 27.6001,
27.1234


 72.7567, 75.2836,
76.1989

 17.5966, 18.0244,
17.4327


 95.3256, 98.7783,
100.6203

 10.7587, 10.9675,
10.3782


122.1368,
126.7138, 129.7707

 5.9709, 6.0450,
5.5416

153.5556,
159.4744, 164.0686

 2.8679, 2.8725,
2.5042

189.9473,
197.4445, 203.9327

 1.0843, 1.0655,
0.8424

231.6774,

 0.0119, 0.0000,

241.0085, 249.7814

0.0000

279.1112,
290.5509, 302.0332

■ 0.0000, 0.0000,
0.0000

■ 38.8843, 40.0789,
39.8690

■ 38.8843, 40.0789,
39.8690

■ 35.4469, 35.5593,
31.4616

■ 42.7235, 45.0429,
49.5163

■ 32.3943, 31.4663,
24.2409

■ 46.9743, 50.4579,
60.4489

■ 29.7131, 27.7885,
18.1533

■ 51.6502, 56.3371,
72.7127

■ 27.3876, 24.5122,
13.1404

■ 56.7630, 62.6917,
86.3508

■ 25.4011, 21.6226,
9.1383

■ 62.3242, 69.5324,
101.4043

■ 23.7353, 19.1041,
6.0762

■ 66.0418, 75.9482,
105.7864

■ 22.3699, 16.9399,
3.8741

■ 69.3213, 82.5071,
106.8796

■ 21.2815, 15.1112,
2.4384

■ 72.1703, 88.2051,
107.8292

■ 20.4320, 13.5928,
1.5985

Harmonies

Analogous

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



39.4680, 40.0789, 41.4376



38.8843, 40.0789, 39.8690



38.0956, 40.0789, 39.3031

Triad

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



38.8843, 40.0789, 39.8690



36.5481, 40.0789, 43.6340



38.8812, 40.0789, 47.6451

Complementary

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



38.8843, 40.0789, 39.8690



37.6885, 40.4000, 47.9314

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.



38.0920, 40.0789, 48.2828



38.8843, 40.0789, 39.8690



36.7518, 40.0789, 45.9172

Square

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



38.8843, 40.0789, 39.8690



36.7536, 40.0789, 41.4290



37.3141, 40.0789, 47.6397



39.4662, 40.0789, 45.9264

Rectangle

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



38.8843, 40.0789, 39.8690



37.5620, 40.0789, 39.5545



37.3141, 40.0789, 47.6397



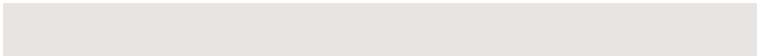
38.6306, 40.0789, 47.9957

Sweetspot

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



38.8854, 40.0807, 39.8699



74.5587, 77.9274, 82.4093



38.7401, 38.2899, 44.4462



16.3941, 17.1041, 17.9447



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.



38.8854, 40.0807, 39.8699



69.0814, 70.8100, 68.7539



40.3813, 43.0724, 40.3685



8.7489, 9.0104, 8.9306



14.6203, 9.7391, 1.1093



0.5172, 0.4208, 0.0540

Inverse Universe

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



37.6885, 40.4000, 47.9314



66.4190, 71.5199, 86.6852



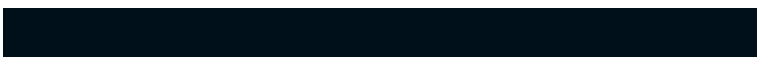
36.2360, 37.4950, 47.4472



8.4694, 9.0849, 10.8135



9.8955, 10.5914, 31.6598



0.3652, 0.4409, 1.0141

Previews

White Background



This preview shows how the XYZ color 38.8843, 40.0789, 39.8690 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 38.8843, 40.0789, 39.8690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

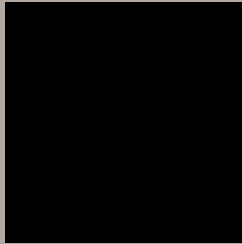
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.8843, 40.0789, 39.8690

Background



This preview shows how black text looks on a background with the XYZ color 38.8843, 40.0789, 39.8690.



This preview shows how white text looks on a background with the XYZ color 38.8843, 40.0789,

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

38.8843, 40.0789, 39.8690

Protanopia

38.4780, 40.1342, 40.3690

Deuteranopia

40.8726, 40.0141, 40.2196



Tritanopia

40.4142, 39.8682, 48.2131

Trichromacy



Original Color

38.8843, 40.0789, 39.8690

Protanomaly

38.7033, 40.2504, 40.3795

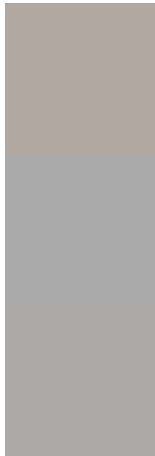
Deuteranomaly

40.0736, 39.8689, 40.2337

Tritanomaly

39.7694, 39.8733, 45.1354

Monochromacy



Original Color

38.8843, 40.0789, 39.8690

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.3966, 40.0502, 42.2660

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.8843, 40.0789, 39.8690 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(178, 168, 162)` looks like.

```
.text, #text, p{  
    color:rgb(178, 168, 162)  
}
```

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(178, 168, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 168, 162) }
```

Border

The CSS property to change the border of an element to XYZ 38.8843, 40.0789, 39.8690 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(178, 168, 162) }
```


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

```
.border{ border-color:rgb(178, 168, 162) }
```

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

Here you see how a box with a 4 pixel rgb(178, 168, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 168, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 168, 162);  
box-shadow:4px 4px 4px 4px rgb(178, 168,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 38.8843, 40.0789, 39.8690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 168, 162) }
```

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

```
.background{ background-color: rgb(178,  
168, 162) }
```

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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