

Converting Colors

XYZ(38.5701, 40.2234, 33.9397)

Have a look what the booklet for
XYZ(38.5701, 40.2234, 33.9397)
contains.

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Color

**XYZ(38.5893, 40.3378,
33.7691)**

Conversions

Conversions Part 1

Format	Color
Hex	B5A994
RGB	181, 169, 148
RGB Percent	71%, 66%, 58%
CMY	0.2902, 0.3372, 0.4196
CMYK	0.00, 0.07, 0.18, 0.29
HSL	38°, 18%, 65%
HSV	38°, 18%, 71%
XYZ	38.5893, 40.3378, 33.7691
YIQ	170.1940, 13.8930, -3.9870

Conversions

Conversions Part 2

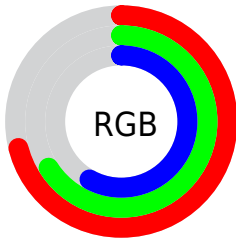
Format	Color
R _Y B	167, 181, 148
Decimal	11905428
CIE Lab	69.71, 0.80, 12.40
CIE LCh	70, 12.422, 86.310
Yxy	40.3378, 0.3424, 0.3579
Android (android.graphics.Color)	4290095508 (0xFFB5A994)
YUV	170.1940, -10.9416, 9.4769
Hunter-Lab	63.5120, -2.6912, 12.9342

Details

The XYZ color **38.5893, 40.3378, 33.7691** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.1239, 34.7729, 48.6823**, and the grayscale version is **38.3541, 40.3515, 43.9428**.

A 20% lighter version of the original color is **72.2414, 75.5801, 66.6580**, and **17.4210, 18.1748, 13.8992** is the 20% darker color. If you saturate the color by 10%, you get **36.0741, 37.4234, 26.4065**, and if you desaturate by 10%, it is **41.3924, 43.4686, 42.3339**.

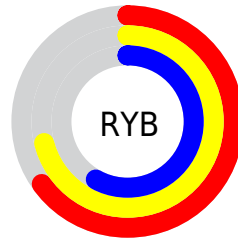
Distribution



Red (71%)

Green (66%)

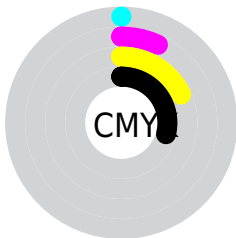
Blue (58%)



Red (65%)

Yellow (71%)

Blue (58%)

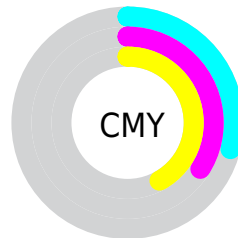


Cyan (0%)

Magenta (7%)

Yellow (18%)

Black (29%)



Cyan (29%)


Magenta (34%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.5893, 40.3378, 33.7691 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 38.5893, 40.3378, 33.7691 by changing the saturation by 10% instead.


 38.5893, 40.3378,
33.7691


 38.5893, 40.3378,
33.7691


331.3785,
347.5453, 333.8389

 26.6197, 27.8020,
22.4403


 72.3086, 75.6776,
66.7042

 17.4229, 18.1765,
13.9794


 94.7889, 99.2505,
89.1477

 10.6336, 11.0768,
7.9678


121.5036,
127.2711, 116.1331

 5.8865, 6.1185,
3.9868

152.8179,
160.1240, 148.0791

 2.8162, 2.9173,
1.6181

189.0971,
198.1934, 185.4041

 1.0573, 1.0887,
0.3037

230.7068,

 0.0000, 0.0000,

241.8639, 228.5267

0.0000

278.0121,
291.5197, 277.8655

■ 38.5893, 40.3378,
33.7691

■ 38.5893, 40.3378,
33.7691

■ 36.0741, 37.4234,
26.4065

■ 41.3924, 43.4686,
42.3339

■ 33.8322, 34.7142,
20.1887

■ 44.4906, 46.8161,
52.1497

■ 31.8526, 32.2055,
15.0570

■ 47.8951, 50.3875,
63.2659

■ 30.1221, 29.8907,
10.9469

■ 51.6154, 54.1878,
75.7282

■ 28.6263, 27.7623,
7.7867

■ 55.6605, 58.2221,
89.5802

■ 27.3488, 25.8124,
5.4953

■ 59.7800, 62.3915,
103.4998

■ 26.2706, 24.0316,
3.9782

■ 61.4226, 65.6768,
104.0473

■ 25.3614, 22.4062,
3.0801

■ 63.1326, 69.0968,
104.6173

■ 25.2100, 22.1316,
2.9431

■ 64.9108, 72.6531,
105.2100

Harmonies

Analogous

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



40.5254, 40.3378, 35.3346



38.5893, 40.3378, 33.7691



36.6511, 40.3378, 34.7216

Triad

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



38.5893, 40.3378, 33.7691



34.9765, 40.3378, 49.0155



41.6487, 40.3378, 50.3559

Complementary

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



38.5893, 40.3378, 33.7691



33.1239, 34.7729, 48.6823

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.



40.0797, 40.3378, 54.6167



38.5893, 40.3378, 33.7691



36.2344, 40.3378, 53.7966

Square

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



38.5893, 40.3378, 33.7691



34.6085, 40.3378, 43.2120



38.0915, 40.3378, 55.9274



42.3303, 40.3378, 44.6377

Rectangle

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



38.5893, 40.3378, 33.7691



35.6108, 40.3378, 36.7058



38.0915, 40.3378, 55.9274



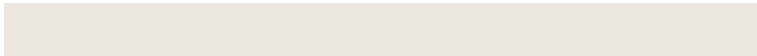
41.2049, 40.3378, 52.0248

Sweetspot

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



38.5904, 40.3396, 33.7700



75.8212, 79.6956, 81.1068



36.0003, 33.5457, 37.8816



16.3066, 17.1368, 17.2750



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.



38.5904, 40.3396, 33.7700



67.1894, 70.0413, 54.7713



39.9100, 44.4864, 34.5008



8.9321, 9.3767, 8.9916



17.4469, 15.3923, 2.0515



0.6021, 0.5905, 0.0823

Inverse Universe

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



33.1239, 34.7729, 48.6823



55.5252, 58.1648, 86.5950



31.9548, 31.2307, 48.0602



8.2865, 8.7191, 10.7525



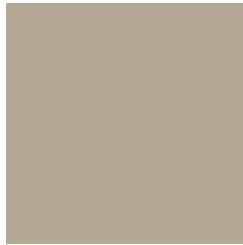
7.1455, 5.0915, 30.7431



0.2815, 0.2736, 0.9862

Previews

White Background



This preview shows how the XYZ color 38.5893, 40.3378, 33.7691 looks on a white background.

Color Contrast Check

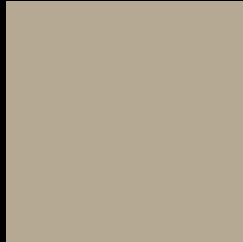
Large Text (above 18pt) WCAG AA × Fail

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 38.5893, 40.3378, 33.7691 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

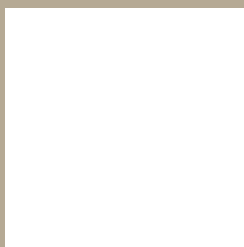
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.5893, 40.3378, 33.7691

Background



This preview shows how black text looks on a background with the XYZ color 38.5893, 40.3378, 33.7691.



This preview shows how white text looks on a background with the XYZ color 38.5893, 40.3378,

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

38.5893, 40.3378, 33.7691

Protanopia

38.0801, 40.3525, 33.7988

Deuteranopia

40.9484, 40.1902, 34.0330



Tritanopia

41.4986, 40.4389, 47.7378

Trichromacy



Original Color

38.5893, 40.3378, 33.7691

Protanomaly

38.3104, 40.4713, 33.8095

Deuteranomaly

40.0473, 40.2612, 34.0942

Tritanomaly

40.3784, 40.2528, 42.2006

Monochromacy



Original Color

38.5893, 40.3378, 33.7691

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.3519, 40.3568, 39.9507

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.5893, 40.3378, 33.7691 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(181, 169, 148)` looks like.

```
.text, #text, p{  
    color:rgb(181, 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(181, 169, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 169, 148) }
```

Border

The CSS property to change the border of an element to XYZ 38.5893, 40.3378, 33.7691 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(181, 169, 148) }
```


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

```
.border{ border-color:rgb(181, 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(181, 169, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 169, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 169, 148); box-shadow:4px 4px 4px 4px rgb(181, 169, 148) }
```

Background

The CSS property to change the background color of an element to XYZ 38.5893, 40.3378, 33.7691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 169, 148) }
```

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

```
.background{ background-color: rgb(181,  
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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