

Converting Colors

XYZ(38.5550, 39.7747, 37.9935)

Have a look what the booklet for
XYZ(38.5550, 39.7747, 37.9935)
contains.

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Color

**XYZ(38.5807, 39.6898,
37.9752)**

Conversions

Conversions Part 1

Format	Color
Hex	B3A79E
RGB	179, 167, 158
RGB Percent	70%, 65%, 62%
CMY	0.2980, 0.3451, 0.3804
CMYK	0.00, 0.07, 0.12, 0.30
HSL	26°, 12%, 66%
HSV	26°, 12%, 70%
XYZ	38.5807, 39.6898, 37.9752
YIQ	169.5620, 10.0410, -0.2550

Conversions

Conversions Part 2

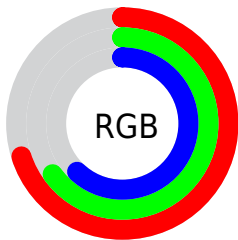
Format	Color
RYB	179, 174, 158
Decimal	11773854
CIELab	69.25, 2.76, 6.20
CIELCh	69, 6.786, 65.992
Yxy	39.6898, 0.3319, 0.3414
Android (android.graphics.Color)	4289963934 (0xFFB3A79E)
YUV	169.5620, -5.7001, 8.2771
Hunter-Lab	62.9998, -0.9375, 8.3609

Details

The XYZ color **38.5807, 39.6898, 37.9752** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.6118, 39.2724, 48.2989**, and the grayscale version is **38.0154, 39.9952, 43.5548**.

A 20% lighter version of the original color is **72.3925, 74.7088, 73.5555**, and **17.3888, 17.7586, 16.4212** is the 20% darker color. If you saturate the color by 10%, you get **35.3513, 35.5194, 29.8428**, and if you desaturate by 10%, it is **42.1849, 44.2498, 47.3408**.

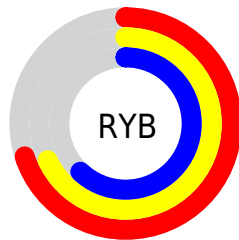
Distribution



Red (70%)

Green (65%)

Blue (62%)



Red (70%)

Yellow (68%)

Blue (62%)

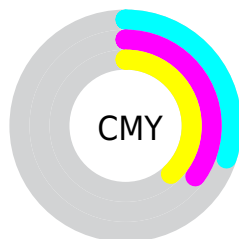


Cyan (0%)

Magenta (7%)

Yellow (12%)

Black (30%)



Cyan (30%)

Magenta (35%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.5807, 39.6898, 37.9752 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 38.5807, 39.6898, 37.9752 by changing the saturation by 10% instead.

■ 38.5807, 39.6898,
37.9752

■ 38.5807, 39.6898,
37.9752

331.3424,
344.8144, 352.8086

■ 26.6130, 27.2968,
25.6618

■ 72.2955, 74.6909,
73.2731

■ 17.4178, 17.7962,
16.3473

■ 94.7733, 98.0678,
97.0947

■ 10.6300, 10.8038,
9.6132

121.4851,
125.8748, 125.5894

■ 5.8841, 5.9351,
5.0410

152.7963,
158.4962, 159.1757

■ 2.8147, 2.8056,
2.2122

189.0723,
196.3164, 198.2723

■ 1.0565, 1.0311,
0.6814

230.6784,

■ 0.0000, 0.0000,

239.7200, 243.2976

0.0000

277.9800,
289.0912, 294.6702

■ 38.5807, 39.6898,
37.9752

■ 38.5807, 39.6898,
37.9752

■ 35.3513, 35.5194,
29.8428

■ 42.1849, 44.2498,
47.3408

■ 32.4803, 31.7227,
22.8889

■ 46.1731, 49.2043,
57.9858

■ 29.9550, 28.2901,
17.0587

■ 50.5580, 54.5649,
69.9575

■ 27.7604, 25.2100,
12.2919

■ 55.3508, 60.3411,
83.2995

■ 25.8805, 22.4696,
8.5223

■ 60.5625, 66.5419,
98.0539

■ 24.2975, 20.0555,
5.6765

■ 64.4827, 72.4880,
105.2007

■ 22.9915, 17.9531,
3.6705

■ 67.3854, 78.2935,
106.1683

■ 21.9396, 16.1462,
2.4047

■ 70.4575, 84.4375,
107.1923

■ 21.2266, 14.8559,
1.7487

■ 72.4006, 88.3238,
107.8400

Harmonies

Analogous

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



39.4403, 39.6898, 39.7926



38.5807, 39.6898, 37.9752



37.5062, 39.6898, 37.5319

Triad

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



38.5807, 39.6898, 37.9752



35.6834, 39.6898, 43.8432



38.9655, 39.6898, 48.2414

Complementary

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



38.5807, 39.6898, 37.9752



36.6118, 39.2724, 48.2989

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.



37.9425, 39.6898, 49.4457



38.5807, 39.6898, 37.9752



36.0581, 39.6898, 46.8292

Square

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



38.5807, 39.6898, 37.9752



35.8469, 39.6898, 40.8256



36.8800, 39.6898, 48.9169



39.6655, 39.6898, 45.6968

Rectangle

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



38.5807, 39.6898, 37.9752



36.8155, 39.6898, 38.0556



36.8800, 39.6898, 48.9169



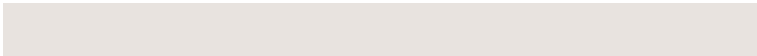
38.6473, 39.6898, 48.8218

Sweetspot

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



38.5818, 39.6916, 37.9760



73.9830, 77.2795, 80.6653



38.0971, 36.9497, 43.2789



16.2814, 16.9833, 17.5848



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.



38.5818, 39.6916, 37.9760



67.5873, 69.1500, 64.1612



40.5340, 43.5959, 38.6268



8.7860, 9.0844, 8.9429



15.0616, 10.6218, 1.2564



0.5322, 0.4509, 0.0590

Inverse Universe

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



36.6118, 39.2724, 48.2989



63.3784, 68.2542, 86.2152



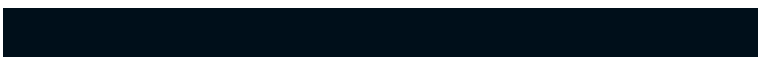
34.7653, 35.5793, 47.6834



8.4314, 9.0090, 10.8009



9.1907, 9.1818, 31.4248



0.3457, 0.4019, 1.0076

Previews

White Background



This preview shows how the XYZ color 38.5807, 39.6898, 37.9752 looks on a white background.

Color Contrast Check

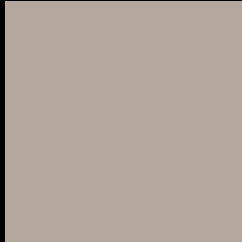
Large Text (above 18pt) WCAG AA × Fail

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 38.5807, 39.6898, 37.9752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

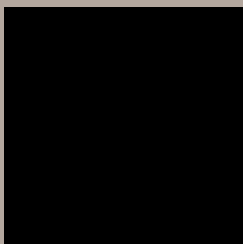
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

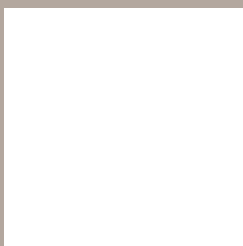
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.5807, 39.6898, 37.9752

Background



This preview shows how black text looks on a background with the XYZ color 38.5807, 39.6898, 37.9752.



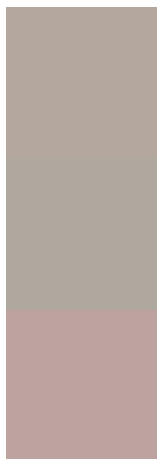
This preview shows how white text looks on a background with the XYZ color 38.5807, 39.6898,

37.9752.

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

38.5807, 39.6898, 37.9752

Protanopia

37.9398, 39.6224, 38.4491

Deuteranopia

40.3415, 39.5164, 38.3021



Tritanopia

40.5027, 39.6703, 47.1174

Trichromacy



Original Color

38.5807, 39.6898, 37.9752

Protanomaly

38.1651, 39.7386, 38.4597

Deuteranomaly

39.5411, 39.3684, 38.3157

Tritanomaly

39.7669, 39.6363, 43.5848

Monochromacy



Original Color

38.5807, 39.6898, 37.9752

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.3045, 40.0133, 41.7809

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.5807, 39.6898, 37.9752 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(179, 167, 158)` looks like.

```
.text, #text, p{  
    color:rgb(179, 167, 158)  
}
```

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(179, 167, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 167, 158) }
```

Border

The CSS property to change the border of an element to XYZ 38.5807, 39.6898, 37.9752 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(179, 167, 158) }
```


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

```
.border{ border-color:rgb(179, 167, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 167, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 167, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 167, 158);  
box-shadow:4px 4px 4px 4px rgb(179, 167,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 38.5807, 39.6898, 37.9752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 167, 158) }
```

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

```
.background{ background-color: rgb(179,  
167, 158) }
```

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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