

Converting Colors

XYZ(38.4997, 36.8572, 34.0251)

Have a look what the booklet for
XYZ(38.4997, 36.8572, 34.0251)
contains.

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Color

**XYZ(38.3798, 36.7978,
33.9340)**

Conversions

Conversions Part 1

Format	Color
Hex	BD9C96
RGB	189, 156, 150
RGB Percent	74%, 61%, 59%
CMY	0.2588, 0.3882, 0.4118
CMYK	0.00, 0.17, 0.21, 0.26
HSL	9°, 23%, 66%
HSV	9°, 21%, 74%
XYZ	38.3798, 36.7978, 33.9340
YIQ	165.1830, 21.5940, 5.1300

Conversions

Conversions Part 2

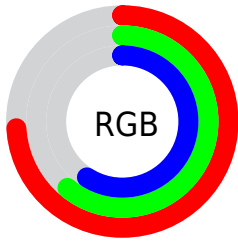
Format	Color
RYB	189, 157, 150
Decimal	12426390
CIELab	67.13, 11.27, 7.72
CIElCh	67, 13.659, 34.418
Yxy	36.7978, 0.3517, 0.3372
Android (android.graphics.Color)	4290616470 (0xFFBD9C96)
YUV	165.1830, -7.4852, 20.8875
Hunter-Lab	60.6612, 6.7783, 9.2959

Details

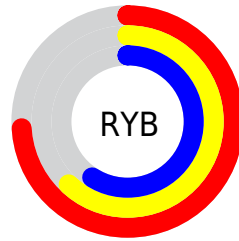
The XYZ color **38.3798, 36.7978, 33.9340** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.6961, 44.0240, 54.6025**, and the grayscale version is **35.8804, 37.7490, 41.1086**.

A 20% lighter version of the original color is **72.1994, 70.5410, 66.9372**, and **17.2954, 16.1549, 14.0110** is the 20% darker color. If you saturate the color by 10%, you get **34.4702, 31.2206, 25.7181**, and if you desaturate by 10%, it is **42.8902, 43.1830, 43.5621**.

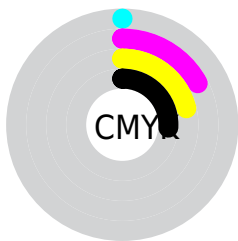
Distribution



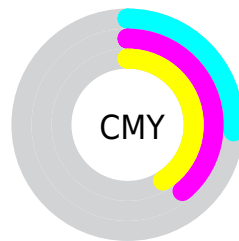
- Red (74%)
- Green (61%)
- Blue (59%)



- Red (74%)
- Yellow (62%)
- Blue (59%)



- Cyan (0%)
- Magenta (17%)
- Yellow (21%)
- Black (26%)





- Cyan (26%)
- Magenta (39%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.3798, 36.7978, 33.9340 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 38.3798, 36.7978, 33.9340 by changing the saturation by 10% instead.


 38.3798, 36.7978,
33.9340


 38.3798, 36.7978,
33.9340

330.4992,
332.4343, 334.5978

 26.4561, 25.0510,
22.5659


 71.9901, 70.2617,
66.9637

 17.2997, 16.1150,
14.0711

 94.4074, 92.7475,
89.4625

 10.5450, 9.6056,
8.0308


121.0533,
119.5819, 116.5086

 5.8268, 5.1382,
4.0266

152.2931,
151.1491, 148.5206

 2.7797, 2.3286,
1.6399

188.4923,
187.8335, 185.9169

 1.0384, 0.7888,
0.3191

230.0161,

 0.0000, 0.0000,

230.0196, 229.1162

0.0000

277.2300,
278.0917, 278.5370

■ 38.3798, 36.7978,
33.9340

■ 38.3798, 36.7978,
33.9340

■ 34.4702, 31.2206,
25.7181

■ 42.8902, 43.1830,
43.5621

■ 31.1329, 26.4145,
18.8456

■ 48.0223, 50.4016,
54.6621

■ 28.3416, 22.3467,
13.2455

■ 53.7997, 58.4838,
67.2932

■ 26.0668, 18.9804,
8.8393

■ 60.2438, 67.4571,
81.5104

■ 24.2761, 16.2756,
5.5397

■ 67.3751, 77.3476,
97.3662

■ 22.9332, 14.1881,
3.2474

■ 73.8306, 87.6272,
107.6302

■ 21.9965, 12.6682,
1.8454

■ 74.7964, 89.5589,
107.9521

■ 21.4281, 11.7023,
1.1294

Harmonies

Analogous

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



39.1168, 36.7978, 39.1905



38.3798, 36.7978, 33.9340



36.7310, 36.7978, 30.5966

Triad

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



38.3798, 36.7978, 33.9340



31.4900, 36.7978, 35.3208



35.2843, 36.7978, 52.6079

Complementary

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



38.3798, 36.7978, 33.9340



38.6961, 44.0240, 54.6025

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.



33.2763, 36.7978, 51.3129



38.3798, 36.7978, 33.9340



31.1368, 36.7978, 40.9555

Square

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



38.3798, 36.7978, 33.9340



32.7627, 36.7978, 31.3399



31.7782, 36.7978, 46.8967



37.2852, 36.7978, 50.2792

Rectangle

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



38.3798, 36.7978, 33.9340



35.3657, 36.7978, 29.7124



31.7782, 36.7978, 46.8967



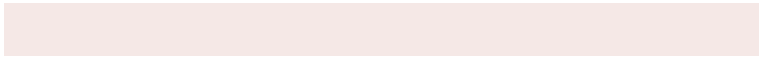
34.5876, 36.7978, 52.5836

Sweetspot

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



38.3808, 36.7995, 33.9348



80.8469, 83.0195, 86.7087



40.4559, 36.0571, 49.7095



17.2585, 17.6738, 18.3713



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.



38.3808, 36.7995, 33.9348



65.2709, 60.9698, 53.4561



41.8899, 43.8176, 35.1045



9.6456, 9.7672, 9.9535



14.4539, 7.9465, 0.7720



0.6042, 0.3874, 0.0429

Inverse Universe

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



38.6961, 44.0240, 54.6025



65.9393, 76.3552, 97.4889



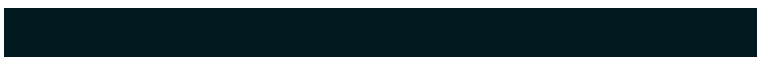
34.9763, 36.5844, 53.3625



9.6801, 10.5525, 12.1988



14.6724, 19.4565, 35.3751



0.6090, 0.8307, 1.3971

Previews

White Background



This preview shows how the XYZ color 38.3798, 36.7978, 33.9340 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 38.3798, 36.7978, 33.9340 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 38.3798, 36.7978, 33.9340

Background



This preview shows how black text looks on a background with the XYZ color 38.3798, 36.7978, 33.9340.



This preview shows how white text looks on a background with the XYZ color 38.3798, 36.7978,

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

38.3798, 36.7978, 33.9340

Protanopia

35.2921, 36.9625, 35.8462

Deuteranopia

37.4990, 36.8461, 33.9898



Tritanopia

39.9244, 36.9407, 41.1024

Trichromacy



Original Color

38.3798, 36.7978, 33.9340

Protanomaly

36.2251, 36.6716, 35.3061

Deuteranomaly

37.8117, 36.7551, 33.9557

Tritanomaly

39.3017, 36.9279, 38.3141

Monochromacy



Original Color

38.3798, 36.7978, 33.9340

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

36.7211, 37.3774, 38.5369

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.3798, 36.7978, 33.9340 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(189, 156, 150)` looks like.

```
.text, #text, p{  
    color:rgb(189, 156, 150)  
}
```

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(189, 156, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 156, 150) }
```

Border

The CSS property to change the border of an element to XYZ 38.3798, 36.7978, 33.9340 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(189, 156, 150) }
```


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

```
.border{ border-color:rgb(189, 156, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 156, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 156, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 156, 150);  
box-shadow:4px 4px 4px 4px rgb(189, 156,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 38.3798, 36.7978, 33.9340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 156, 150) }
```

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

```
.background{ background-color: rgb(189,  
156, 150) }
```

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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