

Converting Colors

XYZ(38.2876, 37.3978, 31.8846)

Have a look what the booklet for
XYZ(38.2876, 37.3978, 31.8846)
contains.

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Color

**XYZ(38.3240, 37.3169,
31.9710)**

Conversions

Conversions Part 1

Format	Color
Hex	BD9E91
RGB	189, 158, 145
RGB Percent	74%, 62%, 57%
CMY	0.2588, 0.3804, 0.4314
CMYK	0.00, 0.16, 0.23, 0.26
HSL	18°, 25%, 65%
HSV	18°, 23%, 74%
XYZ	38.3240, 37.3169, 31.9710
YIQ	165.7870, 22.6490, 2.5290

Conversions

Conversions Part 2

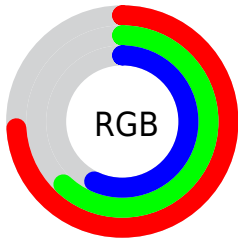
Format	Color
R _Y B	189, 163, 145
Decimal	12426897
CIE Lab	67.51, 9.41, 11.06
CIE LCh	68, 14.521, 49.598
Yxy	37.3169, 0.3561, 0.3468
Android (android.graphics.Color)	4290616977 (0xFFBD9E91)
YUV	165.7870, -10.2480, 20.3578
Hunter-Lab	61.0876, 5.0808, 11.7311

Details

The XYZ color **38.3240, 37.3169, 31.9710** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.3873, 40.7434, 54.0909**, and the grayscale version is **36.1838, 38.0681, 41.4562**.

A 20% lighter version of the original color is **72.1091, 71.3049, 63.9955**, and **17.3149, 16.4925, 13.0972** is the 20% darker color. If you saturate the color by 10%, you get **34.8370, 32.4842, 24.2068**, and if you desaturate by 10%, it is **42.3016, 42.7422, 41.0957**.

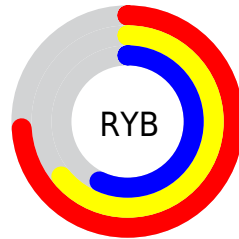
Distribution



Red (74%)

Green (62%)

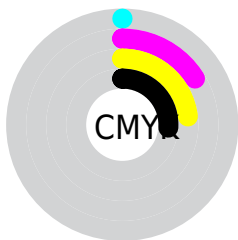
Blue (57%)



Red (74%)

Yellow (64%)

Blue (57%)

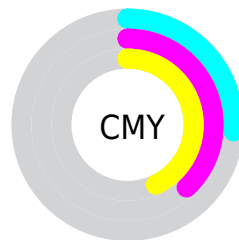


Cyan (0%)

Magenta (16%)

Yellow (23%)

Black (26%)



Cyan (26%)


Magenta (38%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.3240, 37.3169, 31.9710 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 38.3240, 37.3169, 31.9710 by changing the saturation by 10% instead.


 38.3240, 37.3169,
31.9710


 38.3240, 37.3169,
31.9710


330.2647,
334.6805, 325.4758

 26.4126, 25.4529,
21.0747


 71.9052, 71.0599,
63.8630

 17.2669, 16.4148,
12.9869


 94.3057, 93.7078,
85.6958

 10.5214, 9.8182,
7.2889


120.9332,
120.7190, 112.0112

 5.8109, 5.2786,
3.5622

152.1532,
152.4781, 143.2277

 2.7700, 2.4116,
1.3884

188.3310,
189.3694, 179.7639

 1.0333, 0.8319,
0.1326

229.8320,

 0.0000, 0.0000,

231.7773, 222.0382

0.0000

277.0214,
280.0862, 270.4694

■ 38.3240, 37.3169,
31.9710

■ 38.3240, 37.3169,
31.9710

■ 34.8370, 32.4842,
24.2068

■ 42.3016, 42.7422,
41.0957

■ 31.8178, 28.2185,
17.7352

■ 46.7853, 48.7742,
51.6399

■ 29.2461, 24.4999,
12.4855

■ 51.7939, 55.4333,
63.6617

■ 27.0990, 21.3053,
8.3798

■ 57.3439, 62.7369,
77.2156

■ 25.3512, 18.6100,
5.3305

■ 63.4514, 70.7022,
92.3529

■ 23.9746, 16.3867,
3.2376

■ 69.5791, 79.1243,
106.2130

■ 22.9362, 14.6054,
1.9810

■ 73.5976, 87.1614,
107.5526

■ 22.3937, 13.6334,
1.4512

■ 74.7964, 89.5589,
107.9521

Harmonies

Analogous

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



39.6679, 37.3169, 36.6463



38.3240, 37.3169, 31.9710



36.2492, 37.3169, 29.7005

Triad

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



38.3240, 37.3169, 31.9710



31.4121, 37.3169, 38.4525



36.9279, 37.3169, 53.3476

Complementary

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



38.3240, 37.3169, 31.9710



36.3873, 40.7434, 54.0909

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.



34.6993, 37.3169, 53.9616



38.3240, 37.3169, 31.9710



31.5767, 37.3169, 44.8962

Square

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



38.3240, 37.3169, 31.9710



32.2993, 37.3169, 33.1737



32.7587, 37.3169, 50.7304



38.8387, 37.3169, 49.1314

Rectangle

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



38.3240, 37.3169, 31.9710



34.7577, 37.3169, 29.6763



32.7587, 37.3169, 50.7304



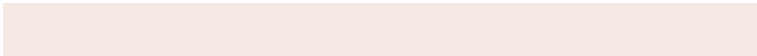
36.1891, 37.3169, 53.9978

Sweetspot

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



38.3250, 37.3186, 31.9718



80.6055, 83.0835, 84.9428



39.0014, 34.2258, 45.9025



17.2295, 17.7265, 18.0208



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.



38.3250, 37.3186, 31.9718



65.3043, 62.2332, 49.7775



42.3113, 45.2911, 33.3005



9.7538, 9.9836, 9.9896



15.1258, 9.2904, 0.9960



0.6513, 0.4815, 0.0586

Inverse Universe

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



36.3873, 40.7434, 54.0909



61.2150, 69.4437, 96.4038



32.5066, 32.9820, 52.7973



9.5640, 10.3203, 12.1601



11.9056, 13.9229, 34.4528



0.5206, 0.6538, 1.3676

Previews

White Background



This preview shows how the XYZ color 38.3240, 37.3169, 31.9710 looks on a white background.

Color Contrast Check

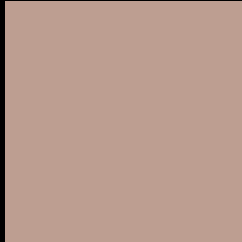
Large Text (above 18pt) WCAG AA × Fail

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 38.3240, 37.3169, 31.9710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

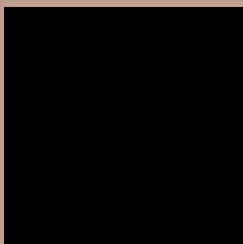
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

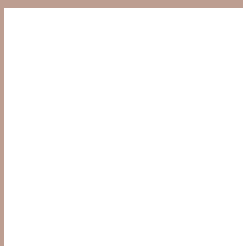
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.3240, 37.3169, 31.9710

Background



This preview shows how black text looks on a background with the XYZ color 38.3240, 37.3169, 31.9710.



This preview shows how white text looks on a background with the XYZ color 38.3240, 37.3169,

31.9710.

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

38.3240, 37.3169, 31.9710

Protanopia

35.4153, 37.3470, 33.3591

Deuteranopia

38.2480, 37.5320, 32.0166



Tritanopia

40.4346, 37.4392, 41.6546

Trichromacy



Original Color

38.3240, 37.3169, 31.9710

Protanomaly

36.5469, 37.4122, 32.8988

Deuteranomaly

38.2480, 37.5320, 32.0166

Tritanomaly

39.6323, 37.3565, 37.9226

Monochromacy



Original Color

38.3240, 37.3169, 31.9710

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.7243, 37.6617, 37.6816

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.3240, 37.3169, 31.9710 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, 158, 145)` looks like.

```
.text, #text, p{  
    color:rgb(189, 158, 145)  
}
```

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, 158, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 158, 145) }
```

Border

The CSS property to change the border of an element to XYZ 38.3240, 37.3169, 31.9710 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, 158, 145) }
```


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

```
.border{ border-color:rgb(189, 158, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 158, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 158, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 158, 145);  
box-shadow:4px 4px 4px 4px rgb(189, 158,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 38.3240, 37.3169, 31.9710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 158, 145) }
```

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

```
.background{ background-color: rgb(189,  
158, 145) }
```

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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