

Converting Colors

XYZ(38.3378, 36.9685, 33.1324)

Have a look what the booklet for
XYZ(38.3378, 36.9685, 33.1324)
contains.

| | |
|--|----|
| XYZ(38.3885, 37.0709, 33.1491) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(38.3885, 37.0709,
33.1491)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | BD9D94 |
| RGB | 189, 157, 148 |
| RGB Percent | 74%, 62%, 58% |
| CMY | 0.2588, 0.3843, 0.4196 |
| CMYK | 0.00, 0.17, 0.22, 0.26 |
| HSL | 13°, 24%, 66% |
| HSV | 13°, 22%, 74% |
| XYZ | 38.3885, 37.0709, 33.1491 |
| YIQ | 165.5420, 21.9610, 3.9850 |

Conversions

Conversions Part 2

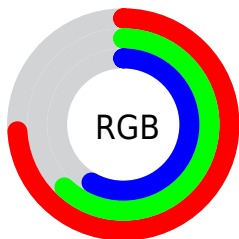
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 189, 160, 148 |
| Decimal | 12426644 |
| CIELab | 67.33, 10.41, 9.13 |
| CIELCh | 67, 13.846, 41.241 |
| Yxy | 37.0709, 0.3535, 0.3413 |
| Android (android.graphics.Color) | 4290616724 (0xFFBD9D94) |
| YUV | 165.5420, -8.6482, 20.5727 |
| Hunter-Lab | 60.8859, 5.9938, 10.3399 |

Details

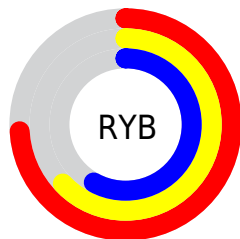
The XYZ color **38.3885, 37.0709, 33.1491** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.7189, 42.6113, 54.3810**, and the grayscale version is **36.0584, 37.9362, 41.3125**.

A 20% lighter version of the original color is **72.2102, 70.9441, 65.7648**, and **17.3034, 16.3220, 13.5477** is the 20% darker color. If you saturate the color by 10%, you get **34.6665, 31.8286, 25.1206**, and if you desaturate by 10%, it is **42.6580, 43.0168, 42.5661**.

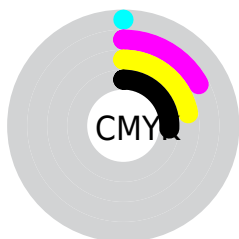
Distribution



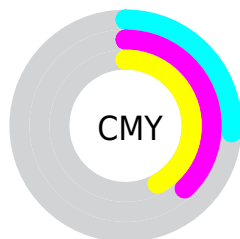
- Red (74%)
- Green (62%)
- Blue (58%)



- Red (74%)
- Yellow (63%)
- Blue (58%)



- Cyan (0%)
- Magenta (17%)
- Yellow (22%)
- Black (26%)





- Cyan (26%)
- Magenta (38%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.3885, 37.0709, 33.1491 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 38.3885, 37.0709, 33.1491 by changing the saturation by 10% instead.


 38.3885, 37.0709,
33.1491


 38.3885, 37.0709,
33.1491

330.5357,
333.6174, 330.9736

 26.4629, 25.2624,
21.9686


 72.0033, 70.6818,
65.7269

 17.3048, 16.2727,
13.6358


 94.4232, 93.2530,
87.9614

 10.5487, 9.7173,
7.7319


121.0720,
120.1806, 114.7176

 5.8293, 5.2119,
3.8386

152.3149,
151.8489, 146.4141

 2.7812, 2.3721,
1.5372

188.5174,
188.6423, 183.4694

 1.0391, 0.8115,
0.2454

230.0448,

 0.0000, 0.0000,

230.9453, 226.3020

0.0000

277.2625,
279.1422, 275.3306

■ 38.3885, 37.0709,
33.1491

■ 38.3885, 37.0709,
33.1491

■ 34.6665, 31.8286,
25.1206

■ 42.6580, 43.0168,
42.5661

■ 31.4666, 27.2588,
18.4124

■ 47.4934, 49.6860,
53.4309

■ 28.7657, 23.3354,
12.9538

■ 52.9155, 57.1037,
65.8019

■ 26.5375, 20.0287,
8.6670

■ 58.9434, 65.2922,
79.7339

■ 24.7535, 17.3065,
5.4648

■ 65.5953, 74.2730,
95.2786

■ 23.3818, 15.1338,
3.2480

■ 71.8407, 83.6476,
106.9669

■ 22.3856, 13.4713,
1.8989

■ 74.7963, 89.5588,
107.9521

■ 21.7968, 12.4399,
1.2523

Harmonies

Analogous

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



39.3845, 37.0709, 38.1315



38.3885, 37.0709, 33.1491



36.5615, 37.0709, 30.2915

Triad

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



38.3885, 37.0709, 33.1491



31.5155, 37.0709, 36.7261



36.0351, 37.0709, 52.9261

Complementary

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



38.3885, 37.0709, 33.1491



37.7189, 42.6113, 54.3810

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.



33.9405, 37.0709, 52.4531



38.3885, 37.0709, 33.1491



31.3873, 37.0709, 42.6818

Square

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



38.3885, 37.0709, 33.1491



32.6162, 37.0709, 32.2093



32.2587, 37.0709, 48.5563



37.9899, 37.0709, 49.7904

Rectangle

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



38.3885, 37.0709, 33.1491



35.1466, 37.0709, 29.7847



32.2587, 37.0709, 48.5563



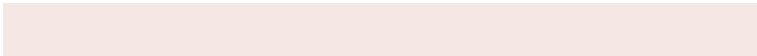
35.3231, 37.0709, 53.1915

Sweetspot

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



38.3895, 37.0726, 33.1499



80.2390, 82.3506, 84.8207



39.8266, 35.2991, 47.9569



17.1446, 17.5567, 17.9925



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.



38.3895, 37.0726, 33.1499



65.4867, 61.8072, 52.2763



42.1298, 44.5531, 34.3966



9.6955, 9.8670, 9.9702



14.7130, 8.4649, 0.8584



0.6260, 0.4310, 0.0502

Inverse Universe

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



37.7189, 42.6113, 54.3810



64.0689, 73.4750, 97.0315



33.9029, 34.9794, 53.1090



9.6260, 10.4443, 12.1808



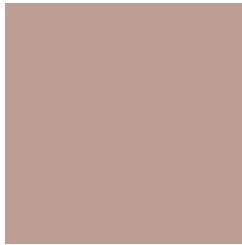
13.3104, 16.7325, 34.9211



0.5662, 0.7452, 1.3828

Previews

White Background



This preview shows how the XYZ color 38.3885, 37.0709, 33.1491 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 38.3885, 37.0709, 33.1491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

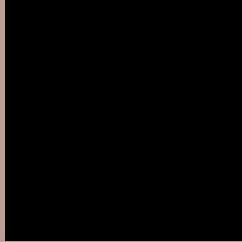
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.3885, 37.0709, 33.1491

Background



This preview shows how black text looks on a background with the XYZ color 38.3885, 37.0709, 33.1491.



This preview shows how white text looks on a background with the XYZ color 38.3885, 37.0709,

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

38.3885, 37.0709, 33.1491

Protanopia

35.4389, 37.3313, 34.6160

Deuteranopia

37.8219, 37.0309, 33.1712



Tritanopia

39.9244, 36.9407, 41.1024

Trichromacy



Original Color

38.3885, 37.0709, 33.1491

Protanomaly

36.3814, 37.0389, 34.0859

Deuteranomaly

38.0657, 37.1566, 33.1826

Tritanomaly

39.2146, 36.8930, 37.8551

Monochromacy



Original Color

38.3885, 37.0709, 33.1491

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.8108, 37.6963, 38.1369

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.3885, 37.0709, 33.1491 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, 157, 148)` looks like.

```
.text, #text, p{  
    color:rgb(189, 157, 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(189, 157, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 157, 148) }
```

Border

The CSS property to change the border of an element to XYZ 38.3885, 37.0709, 33.1491 is called "border". The border property can be set on classes, ids or directly on the HTML element.

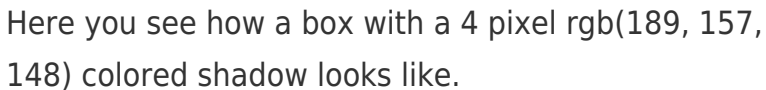
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(189, 157, 148) }
```


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

```
.border{ border-color:rgb(189, 157, 148) }
```

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



Here you see how a box with a 4 pixel `rgb(189, 157, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 157, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 157, 148);  
box-shadow:4px 4px 4px 4px rgb(189, 157,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 38.3885, 37.0709, 33.1491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 157, 148) }
```

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

```
.background{ background-color: rgb(189,  
157, 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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