

Converting Colors

XYZ(37.9476, 36.7812, 34.6919)

Have a look what the booklet for
XYZ(37.9476, 36.7812, 34.6919)
contains.

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Color

**XYZ(37.9742, 36.8200,
34.8113)**

Conversions

Conversions Part 1

Format	Color
Hex	BA9D98
RGB	186, 157, 152
RGB Percent	73%, 62%, 60%
CMY	0.2706, 0.3843, 0.4039
CMYK	0.00, 0.16, 0.18, 0.27
HSL	9°, 20%, 66%
HSV	9°, 18%, 73%
XYZ	37.9742, 36.8200, 34.8113
YIQ	165.1010, 18.8890, 4.5930

Conversions

Conversions Part 2

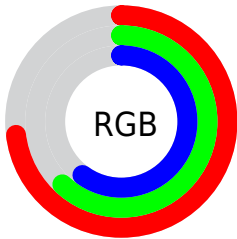
Format	Color
R_{YB}	186, 158, 152
Decimal	12230040
CIE _{Lab}	67.14, 9.89, 6.59
CIE _{LCh}	67, 11.884, 33.681
Yxy	36.8200, 0.3465, 0.3359
Android (android.graphics.Color)	4290420120 (0xFFBA9D98)
YUV	165.1010, -6.4588, 18.3284
Hunter-Lab	60.6795, 5.5191, 8.4615

Details

The XYZ color **37.9742, 36.8200, 34.8113** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.3355, 43.2675, 52.7858**, and the grayscale version is **35.8371, 37.7034, 41.0590**.

A 20% lighter version of the original color is **71.3020, 70.4204, 68.2270**, and **17.0187, 16.1532, 14.5328** is the 20% darker color. If you saturate the color by 10%, you get **34.0570, 31.2352, 26.5699**, and if you desaturate by 10%, it is **42.4808, 43.2006, 44.4287**.

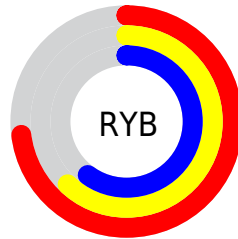
Distribution



Red (73%)

Green (62%)

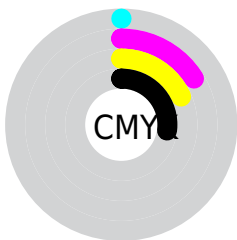
Blue (60%)



Red (73%)

Yellow (62%)

Blue (60%)

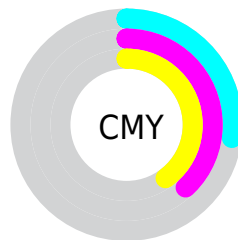


Cyan (0%)

Magenta (16%)

Yellow (18%)

Black (27%)



Cyan (27%)


Magenta (38%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.9742, 36.8200, 34.8113 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 37.9742, 36.8200, 34.8113 by changing the saturation by 10% instead.


 37.9742, 36.8200,
34.8113


 37.9742, 36.8200,
34.8113


328.7921,
332.5306, 338.6136

 26.1398, 25.0682,
23.2352


 71.3727, 70.2959,
68.3416

 17.0615, 16.1278,
14.5603


 93.6676, 92.7887,
91.1328

 10.3739, 9.6147,
8.3682


120.1800,
119.6306, 118.4995

 5.7117, 5.1442,
4.2403

151.2752,
151.2060, 150.8602

 2.7096, 2.3321,
1.7581

187.3187,
187.8993, 188.6334

 1.0021, 0.7906,
0.4001

228.6757,

 0.0000, 0.0000,

230.0949, 232.2376

0.0000

275.7117,
278.1772, 282.0915

■ 37.9742, 36.8200,
34.8113

■ 37.9742, 36.8200,
34.8113

■ 34.0570, 31.2352,
26.5699

■ 42.4808, 43.2006,
44.4287

■ 30.7019, 26.4102,
19.6392

■ 47.5968, 50.4014,
55.4786

■ 27.8835, 22.3135,
13.9522

■ 53.3448, 58.4519,
68.0173

■ 25.5738, 18.9096,
9.4350

■ 59.7457, 67.3786,
82.0972

■ 23.7417, 16.1597,
6.0056

■ 66.8191, 77.2069,
97.7682

■ 22.3529, 14.0215,
3.5717

■ 73.1677, 87.3947,
107.6203

■ 21.3684, 12.4475,
2.0254

■ 74.0599, 89.1792,
107.9177

■ 20.7342, 11.3798,
1.1956

■ 20.6504, 11.2402,
1.0812

Harmonies

Analogous

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



38.5870, 36.8200, 39.4539



37.9742, 36.8200, 34.8113



36.5628, 36.8200, 31.8008

Triad

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



37.9742, 36.8200, 34.8113



31.9674, 36.8200, 35.8304



35.2203, 36.8200, 50.8873

Complementary

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



37.9742, 36.8200, 34.8113



38.3355, 43.2675, 52.7858

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.



33.4753, 36.8200, 49.7090



37.9742, 36.8200, 34.8113



31.6355, 36.8200, 40.7344

Square

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



37.9742, 36.8200, 34.8113



33.1008, 36.8200, 32.3526



32.1783, 36.8200, 45.8786



36.9629, 36.8200, 48.9737

Rectangle

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



37.9742, 36.8200, 34.8113



35.3809, 36.8200, 30.9743



32.1783, 36.8200, 45.8786



34.6145, 36.8200, 50.8404

Sweetspot

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



37.9752, 36.8217, 34.8121



79.8401, 82.3105, 86.6437



39.8669, 36.2515, 48.8640



17.4417, 17.9283, 18.7778



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.



37.9752, 36.8217, 34.8121



65.8045, 62.4343, 56.7013



40.9637, 42.7987, 35.8082



9.1084, 9.2198, 9.4064



13.9276, 7.6315, 0.7390



0.5251, 0.3372, 0.0374

Inverse Universe

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



38.3355, 43.2675, 52.7858



66.5787, 76.3168, 95.4230



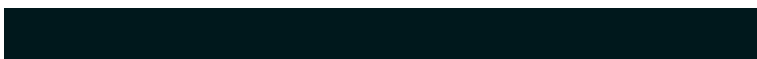
35.1715, 36.9394, 51.7311



9.1510, 9.9793, 11.5233



14.3038, 19.0673, 34.1795



0.5352, 0.7342, 1.2152

Previews

White Background



This preview shows how the XYZ color 37.9742, 36.8200, 34.8113 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 37.9742, 36.8200, 34.8113 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 37.9742, 36.8200, 34.8113

Background



This preview shows how black text looks on a background with the XYZ color 37.9742, 36.8200, 34.8113.



This preview shows how white text looks on a background with the XYZ color 37.9742, 36.8200,

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

37.9742, 36.8200, 34.8113

Protanopia

35.1620, 36.8858, 36.2768

Deuteranopia

37.6615, 36.9111, 34.8453



Tritanopia

39.4354, 36.9241, 41.6078

Trichromacy



Original Color

37.9742, 36.8200, 34.8113

Protanomaly

36.2568, 36.9368, 35.7904

Deuteranomaly

37.9019, 37.0350, 34.8566

Tritanomaly

38.9036, 36.9504, 39.2641

Monochromacy



Original Color

37.9742, 36.8200, 34.8113

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

36.4991, 37.2630, 38.5265

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.9742, 36.8200, 34.8113 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(186, 157, 152)` looks like.

```
.text, #text, p{  
    color:rgb(186, 157, 152)  
}
```

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(186, 157, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 157, 152) }
```

Border

The CSS property to change the border of an element to XYZ 37.9742, 36.8200, 34.8113 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(186, 157, 152) }
```


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

```
.border{ border-color:rgb(186, 157, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 157, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 157, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 157, 152);  
box-shadow:4px 4px 4px 4px rgb(186, 157,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 37.9742, 36.8200, 34.8113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 157, 152) }
```

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

```
.background{ background-color: rgb(186,  
157, 152) }
```

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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