

Converting Colors

XYZ(37.0091, 34.1670, 33.3740)

Have a look what the booklet for
XYZ(37.0091, 34.1670, 33.3740)
contains.

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Color

**XYZ(37.0812, 34.2006,
33.5012)**

Conversions

Conversions Part 1

Format	Color
Hex	BD9496
RGB	189, 148, 150
RGB Percent	74%, 58%, 59%
CMY	0.2588, 0.4196, 0.4118
CMYK	0.00, 0.22, 0.21, 0.26
HSL	357°, 24%, 66%
HSV	357°, 22%, 74%
XYZ	37.0812, 34.2006, 33.5012
YIQ	160.4870, 23.7940, 9.3140

Conversions

Conversions Part 2

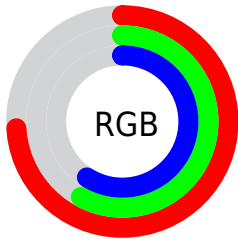
Format	Color
R_{YB}	189, 148, 150
Decimal	12424342
CIE _{Lab}	65.12, 15.69, 4.85
CIE _{LCh}	65, 16.419, 17.163
Yxy	34.2006, 0.3539, 0.3264
Android (android.graphics.Color)	4290614422 (0xFFBD9496)
YUV	160.4870, -5.1701, 25.0059
Hunter-Lab	58.4813, 10.8392, 6.9724

Details

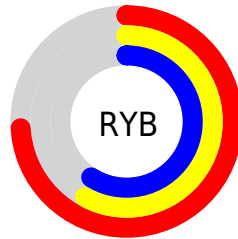
The XYZ color **37.0812, 34.2006, 33.5012** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.3813, 46.2798, 53.8732**, and the grayscale version is **33.6547, 35.4073, 38.5586**.

A 20% lighter version of the original color is **70.0256, 66.1935, 66.2126**, and **16.5185, 14.6011, 13.7521** is the 20% darker color. If you saturate the color by 10%, you get **33.0168, 28.2135, 25.5431**, and if you desaturate by 10%, it is **41.8537, 41.2478, 42.7921**.

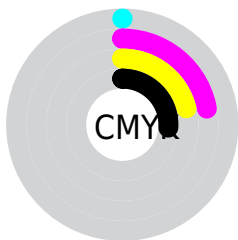
Distribution



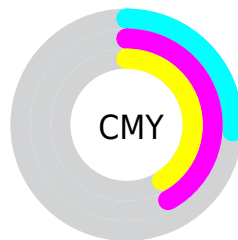
- Red (74%)
- Green (58%)
- Blue (59%)



- Red (74%)
- Yellow (58%)
- Blue (59%)



- Cyan (0%)
- Magenta (22%)
- Yellow (21%)
- Black (26%)





- Cyan (26%)
- Magenta (42%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.0812, 34.2006, 33.5012 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 37.0812, 34.2006, 33.5012 by changing the saturation by 10% instead.


 37.0812, 34.2006,
33.5012


 37.0812, 34.2006,
33.5012


325.0114,
321.0256, 332.6032

 25.4443, 23.0477,
22.2364


 70.0107, 66.2455,
66.2822

 16.5389, 14.6288,
13.8307

 92.0340, 87.9063,
88.6356

 9.9995, 8.5593,
7.8656


118.2502,
113.8386, 115.5222

 5.4609, 4.4548,
3.9226

149.0246,
144.4267, 147.3606

 2.5577, 1.9311,
1.5830

184.7225,
180.0551, 184.5694

 0.9244, 0.5670,
0.2786

225.7094,

 0.0000, 0.0000,

221.1081, 227.5670

0.0000

272.3506,
267.9701, 276.7721

■ 37.0812, 34.2006,
33.5012

■ 37.0812, 34.2006,
33.5012

■ 33.0168, 28.2135,
25.5431

■ 41.8537, 41.2478,
42.7921

■ 29.6241, 23.2308,
18.8548

■ 47.3629, 49.3979,
53.4707

■ 26.8678, 19.1989,
13.3711

■ 53.6390, 58.6971,
65.5915

■ 24.7081, 16.0573,
9.0205

■ 60.7100, 69.1876,
79.2054

■ 23.1010, 13.7387,
5.7236

■ 68.6022, 80.9093,
94.3607

■ 21.9960, 12.1658,
3.3911

■ 74.7964, 89.5589,
107.9521

■ 21.3337, 11.2473,
1.9186

■ 21.0368, 10.8391,
1.2477

Harmonies

Analogous

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



37.1789, 34.2006, 40.2291



37.0812, 34.2006, 33.5012



35.7206, 34.2006, 28.4260

Triad

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



37.0812, 34.2006, 33.5012



29.2630, 34.2006, 29.0146



31.4998, 34.2006, 51.5448

Complementary

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



37.0812, 34.2006, 33.5012



39.3813, 46.2798, 53.8732

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.



29.4915, 34.2006, 47.7070



37.0812, 34.2006, 33.5012



28.2432, 34.2006, 34.4002

Square

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



37.0812, 34.2006, 33.5012



31.1740, 34.2006, 26.0610



28.3247, 34.2006, 41.2442



33.8767, 34.2006, 51.2273

Rectangle

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



37.0812, 34.2006, 33.5012



34.3165, 34.2006, 26.4126



28.3247, 34.2006, 41.2442



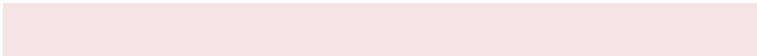
30.7616, 34.2006, 50.6800

Sweetspot

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



37.0821, 34.2022, 33.5019



79.3104, 80.3078, 85.0831



40.2575, 35.4140, 52.8582



16.9297, 17.0840, 18.0531



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.



37.0821, 34.2022, 33.5019



62.8194, 55.9574, 52.9759



40.0507, 40.3945, 33.7049



9.5485, 9.5437, 10.0114



14.1624, 7.2961, 0.8830



0.5613, 0.2884, 0.0689

Inverse Universe

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



37.0821, 34.2022, 33.5019



62.8194, 55.9574, 52.9759



35.8774, 38.9275, 53.7672



9.5485, 9.5437, 10.0114



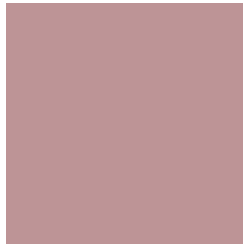
14.1624, 7.2961, 0.8830



0.5613, 0.2884, 0.0689

Previews

White Background



This preview shows how the XYZ color 37.0812, 34.2006, 33.5012 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 37.0812, 34.2006, 33.5012 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 37.0812, 34.2006, 33.5012

Background



This preview shows how black text looks on a background with the XYZ color 37.0812, 34.2006, 33.5012.



This preview shows how white text looks on a background with the XYZ color 37.0812, 34.2006,

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

37.0812, 34.2006, 33.5012

Protanopia

33.0435, 34.5017, 35.9283

Deuteranopia

34.9475, 34.2995, 33.2123



Tritanopia

37.8405, 34.2832, 36.9707

Trichromacy



Original Color

37.0812, 34.2006, 33.5012

Protanomaly

34.3186, 34.1818, 34.9259

Deuteranomaly

35.5475, 34.1269, 33.1474

Tritanomaly

37.5853, 34.1811, 35.6270

Monochromacy



Original Color

37.0812, 34.2006, 33.5012

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

34.6838, 34.8352, 36.3483

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.0812, 34.2006, 33.5012 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, 148, 150)` looks like.

```
.text, #text, p{  
    color:rgb(189, 148, 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, 148, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 148, 150) }
```

Border

The CSS property to change the border of an element to XYZ 37.0812, 34.2006, 33.5012 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, 148, 150) }
```


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

```
.border{ border-color:rgb(189, 148, 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, 148, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 148, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 148, 150);  
box-shadow:4px 4px 4px 4px rgb(189, 148,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 37.0812, 34.2006, 33.5012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 148, 150) }
```

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

```
.background{ background-color: rgb(189,  
148, 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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