

Converting Colors

XYZ(37.3837, 34.7921, 30.9068)

Have a look what the booklet for
XYZ(37.3837, 34.7921, 30.9068)
contains.

XYZ(37.3501, 34.8722, 30.7490)	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(37.3501, 34.8722,
30.7490)**

Conversions

Conversions Part 1

Format	Color
Hex	BF968F
RGB	191, 150, 143
RGB Percent	75%, 59%, 56%
CMY	0.2510, 0.4117, 0.4392
CMYK	0.00, 0.21, 0.25, 0.25
HSL	9°, 27%, 65%
HSV	9°, 25%, 75%
XYZ	37.3501, 34.8722, 30.7490
YIQ	161.4610, 26.6830, 6.5150

Conversions

Conversions Part 2

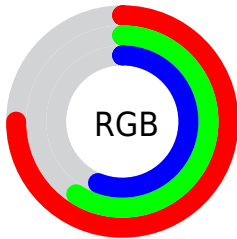
Format	Color
R _Y B	191, 151, 143
Decimal	12555919
CIE Lab	65.65, 14.29, 9.56
CIE LCh	66, 17.196, 33.768
Yxy	34.8722, 0.3627, 0.3387
Android (android.graphics.Color)	4290745999 (0xFFBF968F)
YUV	161.4610, -9.1013, 25.9057
Hunter-Lab	59.0527, 9.5569, 10.4643

Details

The XYZ color **37.3501, 34.8722, 30.7490** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.8717, 43.8809, 55.7642**, and the grayscale version is **34.1239, 35.9010, 39.0962**.

A 20% lighter version of the original color is **70.3823, 67.1734, 62.0795**, and **16.7542, 15.0324, 12.3744** is the 20% darker color. If you saturate the color by 10%, you get **33.6003, 29.4942, 22.9580**, and if you desaturate by 10%, it is **41.7106, 41.0768, 39.9598**.

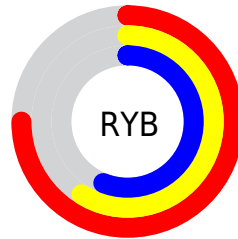
Distribution



Red (75%)

Green (59%)

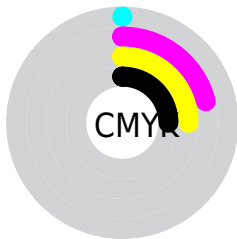
Blue (56%)



Red (75%)

Yellow (59%)

Blue (56%)

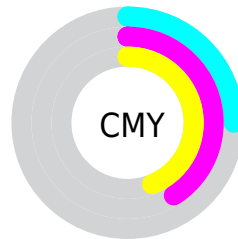


Cyan (0%)

Magenta (21%)

Yellow (25%)

Black (25%)



Cyan (25%)


Magenta (41%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.3501, 34.8722, 30.7490 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 37.3501, 34.8722, 30.7490 by changing the saturation by 10% instead.


 37.3501, 34.8722,
30.7490


 37.3501, 34.8722,
30.7490


326.1531,
324.0039, 319.6956

 25.6536, 23.5644,
20.1509


 70.4213, 67.2877,
61.9196

 16.6960, 15.0108,
12.3196


 92.5266, 89.1643,
83.3292

 10.1119, 8.8270,
6.8366


118.8323,
115.3326, 109.1798

 5.5361, 4.6285,
3.2832

149.7037,
146.1770, 139.8899

 2.6030, 2.0310,
1.2410

185.5061,
182.0820, 175.8779

 0.9475, 0.6254,
0.0127

226.6049,

 0.0000, 0.0000,

223.4318, 217.5625

0.0000

273.3654,
270.6110, 265.3623

■ 37.3501, 34.8722,
30.7490

■ 37.3501, 34.8722,
30.7490

■ 33.6003, 29.4942,
22.9580

■ 41.7106, 41.0768,
39.9598

■ 30.4310, 24.9032,
16.5139

■ 46.7045, 48.1358,
50.6539

■ 27.8137, 21.0636,
11.3408

■ 52.3570, 56.0817,
62.8936

■ 25.7162, 17.9350,
7.3540

■ 58.6910, 64.9440,
76.7371

■ 24.1030, 15.4733,
4.4589

■ 65.7281, 74.7505,
92.2396

■ 22.9340, 13.6294,
2.5459

■ 73.0675, 85.3595,
107.2327

■ 22.1621, 12.3473,
1.4823

■ 75.2959, 89.8164,
107.9755

■ 21.8981, 11.9007,
1.1429

Harmonies

Analogous

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



38.2332, 34.8722, 37.0627



37.3501, 34.8722, 30.7490



35.3392, 34.8722, 26.8061

Triad

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



37.3501, 34.8722, 30.7490



28.9750, 34.8722, 32.1458



33.4653, 34.8722, 53.6154

Complementary

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



37.3501, 34.8722, 30.7490



37.8717, 43.8809, 55.7642

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.



31.0435, 34.8722, 51.8689



37.3501, 34.8722, 30.7490



28.5295, 34.8722, 38.8917

Square

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



37.3501, 34.8722, 30.7490



30.5171, 34.8722, 27.5377



29.2680, 34.8722, 46.2410



35.9195, 34.8722, 50.7512

Rectangle

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



37.3501, 34.8722, 30.7490



33.6752, 34.8722, 25.7494



29.2680, 34.8722, 46.2410



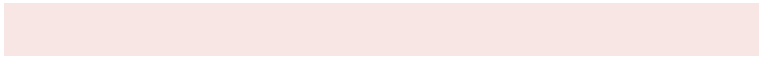
32.6204, 34.8722, 53.5498

Sweetspot

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



37.3510, 34.8738, 30.7497



80.8462, 82.2590, 84.6969



40.0234, 34.2076, 50.1713



17.4489, 17.6337, 17.9464



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



37.3510, 34.8738, 30.7497



63.1730, 57.1301, 47.3064



41.4644, 43.1006, 32.1208



9.6395, 9.7550, 9.9515



14.4280, 7.8948, 0.7634



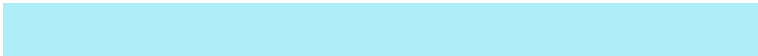
0.6016, 0.3821, 0.0420

Inverse Universe

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



37.8717, 43.8809, 55.7642



64.2544, 75.9301, 99.5485



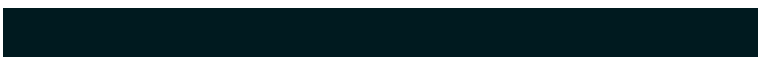
33.4071, 34.9518, 54.2760



9.6867, 10.5658, 12.2011



14.8485, 19.8087, 35.4338



0.6145, 0.8416, 1.3989

Previews

White Background



This preview shows how the XYZ color 37.3501, 34.8722, 30.7490 looks on a white background.

Color Contrast Check

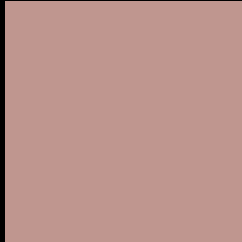
Large Text (above 18pt) WCAG AA × Fail

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 37.3501, 34.8722, 30.7490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

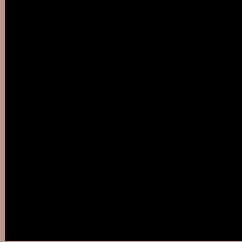
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.3501, 34.8722, 30.7490

Background



This preview shows how black text looks on a background with the XYZ color 37.3501, 34.8722, 30.7490.



This preview shows how white text looks on a background with the XYZ color 37.3501, 34.8722,

30.7490.

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

37.3501, 34.8722, 30.7490

Protanopia

33.2605, 34.9337, 33.0068

Deuteranopia

35.4941, 34.8880, 30.4545



Tritanopia

38.8402, 35.0205, 37.5134

Trichromacy



Original Color

37.3501, 34.8722, 30.7490

Protanomaly

34.5323, 34.8509, 32.1010

Deuteranomaly

36.2813, 35.0497, 30.4442

Tritanomaly

38.2354, 35.0013, 34.8777

Monochromacy



Original Color

37.3501, 34.8722, 30.7490

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.9030, 35.2177, 35.5300

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.3501, 34.8722, 30.7490 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(191, 150, 143)` looks like.

```
.text, #text, p{  
    color:rgb(191, 150, 143)  
}
```

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(191, 150, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 150, 143) }
```

Border

The CSS property to change the border of an element to XYZ 37.3501, 34.8722, 30.7490 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(191, 150, 143) }
```


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

```
.border{ border-color:rgb(191, 150, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 150, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 150, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 150, 143);  
box-shadow:4px 4px 4px 4px rgb(191, 150,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 37.3501, 34.8722, 30.7490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 150, 143) }
```

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

```
.background{ background-color: rgb(191,  
150, 143) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor