

Converting Colors

XYZ(37.5695, 41.7944, 34.2078)

Have a look what the booklet for
XYZ(37.5695, 41.7944, 34.2078)
contains.

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Color

**XYZ(37.4482, 41.7348,
34.0989)**

Conversions

Conversions Part 1

Format	Color
Hex	AAB094
RGB	170, 176, 148
RGB Percent	67%, 69%, 58%
CMY	0.3333, 0.3098, 0.4196
CMYK	0.03, 0.00, 0.16, 0.31
HSL	73°, 15%, 64%
HSV	73°, 16%, 69%
XYZ	37.4482, 41.7348, 34.0989
YIQ	171.0140, 5.4120, -9.9800

Conversions

Conversions Part 2

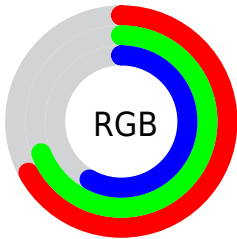
Format	Color
RYB	148, 176, 154
Decimal	11186324
CIELab	70.69, -7.10, 13.64
CIELCh	71, 15.382, 117.502
Yxy	41.7348, 0.3306, 0.3684
Android (android.graphics.Color)	4289376404 (0xFFAAB094)
YUV	171.0140, -11.3459, -0.8893
Hunter-Lab	64.6025, -9.5830, 13.9269

Details

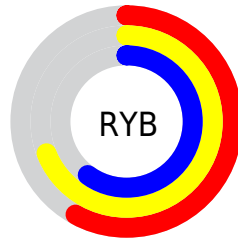
The XYZ color **37.4482, 41.7348, 34.0989** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **31.7544, 31.1856, 45.4223**, and the grayscale version is **38.7699, 40.7890, 44.4192**.

A 20% lighter version of the original color is **70.5686, 77.9850, 67.2104**, and **16.8365, 19.1299, 14.1143** is the 20% darker color. If you saturate the color by 10%, you get **35.3560, 40.8064, 27.2735**, and if you desaturate by 10%, it is **39.7779, 42.7637, 42.0429**.

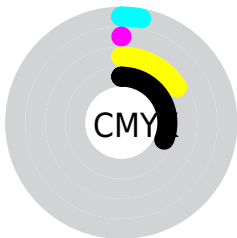
Distribution



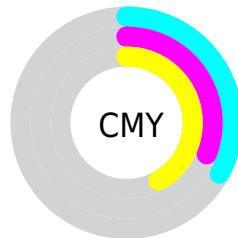
- Red (67%)
- Green (69%)
- Blue (58%)



- Red (58%)
- Yellow (69%)
- Blue (60%)



- Cyan (3%)
- Magenta (0%)
- Yellow (16%)
- Black (31%)



- Cyan (33%)
- Magenta (31%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.4482, 41.7348, 34.0989 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 37.4482, 41.7348, 34.0989 by changing the saturation by 10% instead.

■ 37.4482, 41.7348,
34.0989

■ 37.4482, 41.7348,
34.0989

326.5689,
353.3824, 335.3554

■ 25.7300, 28.8937,
22.6916

■ 70.5709, 77.7981,
67.2231

■ 16.7534, 19.0004,
14.1628

■ 92.7062, 101.7891,
89.7771

■ 10.1530, 11.6706,
8.0939

119.0444,
130.2655, 116.8837

■ 5.5636, 6.5198,
4.0665

149.9511,
163.6117, 148.9615

■ 2.6197, 3.1636,
1.6619

185.7915,
202.2121, 186.4291

■ 0.9560, 1.2178,
0.3344

226.9311,

■ 0.0000, 0.0761,

246.4511, 229.7049

0.0000

273.7351,
296.7130, 279.2075

■ 0.0000, 0.0000,
0.0000

■ 37.4482, 41.7348,
34.0989

■ 37.4482, 41.7348,
34.0989

■ 35.3560, 40.8064,
27.2735

■ 39.7779, 42.7637,
42.0429

■ 33.4883, 39.9691,
21.5138

■ 42.3509, 43.8912,
51.1500

■ 31.8357, 39.2205,
16.7667

■ 45.1769, 45.1227,
61.4653

■ 30.3868, 38.5561,
12.9732

■ 48.2642, 46.4614,
73.0308

■ 29.1292, 37.9707,
10.0687

■ 51.6204, 47.9105,
85.8866

■ 28.0487, 37.4588,
7.9801

■ 55.2530, 49.4730,
100.0710

■ 27.1292, 37.0139,
6.6229

■ 56.4490, 50.0637,
101.2958

■ 26.3495, 36.6274,
5.8877

■ 57.4456, 50.5775,
101.3425

■ 26.0523, 36.4787,
5.6680

■ 58.4672, 51.1041,
101.3903

Harmonies

Analogous

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



39.8816, 41.7348, 32.8171



37.4482, 41.7348, 34.0989



35.6777, 41.7348, 38.3132

Triad

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



37.4482, 41.7348, 34.0989



37.0934, 41.7348, 58.3321



44.7660, 41.7348, 46.0564

Complementary

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



37.4482, 41.7348, 34.0989



31.7544, 31.1856, 45.4223

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.



43.9446, 41.7348, 53.4046



37.4482, 41.7348, 34.0989



39.4545, 41.7348, 60.9495

Square

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



37.4482, 41.7348, 34.0989



35.4791, 41.7348, 52.2337



41.9732, 41.7348, 59.0573



44.1736, 41.7348, 39.2663

Rectangle

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



37.4482, 41.7348, 34.0989



35.0745, 41.7348, 42.4730



41.9732, 41.7348, 59.0573



44.6453, 41.7348, 48.5465

Sweetspot

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



37.4493, 41.7366, 34.0998



72.5072, 77.7164, 77.5260



34.7409, 34.3488, 32.8166



15.6472, 16.8133, 16.5703



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



37.4493, 41.7366, 34.0998



66.5707, 75.0957, 57.3821



34.6599, 40.2986, 33.9693



9.0152, 9.8129, 9.0715



19.1645, 26.7898, 4.1609



0.6476, 0.8659, 0.1330

Inverse Universe

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



31.7544, 31.1856, 45.4223



54.3182, 52.3933, 81.7453



34.4912, 32.5964, 45.5503



8.2067, 8.3151, 10.6788



6.3706, 2.6200, 30.3069



0.2493, 0.1076, 0.9559

Previews

White Background



This preview shows how the XYZ color 37.4482, 41.7348, 34.0989 looks on a white background.

Color Contrast Check

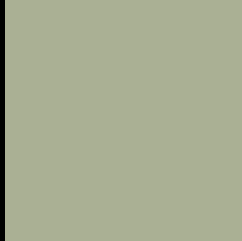
Large Text (above 18pt) WCAG AA × Fail

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 37.4482, 41.7348, 34.0989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

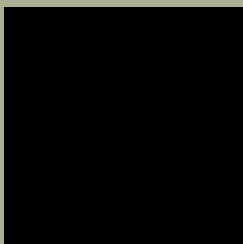
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

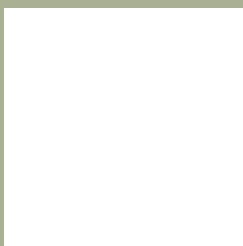
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.4482, 41.7348, 34.0989

Background



This preview shows how black text looks on a background with the XYZ color 37.4482, 41.7348, 34.0989.



This preview shows how white text looks on a background with the XYZ color 37.4482, 41.7348,

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

37.4482, 41.7348, 34.0989

Protanopia

39.2322, 41.5255, 33.1416

Deuteranopia

42.4299, 41.4802, 34.6243



Tritanopia

40.8938, 41.7005, 51.2411

Trichromacy



Original Color

37.4482, 41.7348, 34.0989

Protanomaly

38.5701, 41.4587, 33.5732

Deuteranomaly

40.5386, 41.6107, 34.3288

Tritanomaly

39.5278, 41.7117, 44.4959

Monochromacy



Original Color

37.4482, 41.7348, 34.0989

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.3490, 41.1894, 40.5795

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.4482, 41.7348, 34.0989 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(170, 176, 148)` looks like.

```
.text, #text, p{  
    color:rgb(170, 176, 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(170, 176, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 176, 148) }
```

Border

The CSS property to change the border of an element to XYZ 37.4482, 41.7348, 34.0989 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(170, 176, 148) }
```


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

```
.border{ border-color:rgb(170, 176, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 176, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 176, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 176, 148);  
box-shadow:4px 4px 4px 4px rgb(170, 176,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 37.4482, 41.7348, 34.0989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 176, 148) }
```

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

```
.background{ background-color: rgb(170,  
176, 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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