

Converting Colors

XYZ(38.5854, 41.9699, 37.0237)

Have a look what the booklet for
XYZ(38.5854, 41.9699, 37.0237)
contains.

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Color

**XYZ(38.7019, 42.0252,
37.0822)**

Conversions

Conversions Part 1

Format	Color
Hex	AEAF9B
RGB	174, 175, 155
RGB Percent	68%, 69%, 61%
CMY	0.3176, 0.3137, 0.3922
CMYK	0.01, 0.00, 0.11, 0.31
HSL	63°, 11%, 65%
HSV	63°, 11%, 69%
XYZ	38.7019, 42.0252, 37.0822
YIQ	172.4210, 5.8240, -6.4320

Conversions

Conversions Part 2

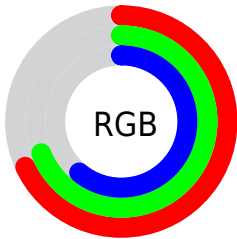
Format	Color
RYB	155, 175, 156
Decimal	11448219
CIELab	70.89, -3.92, 10.14
CIElCh	71, 10.871, 111.148
Yxy	42.0252, 0.3285, 0.3567
Android (android.graphics.Color)	4289638299 (0xFFAEAF9B)
YUV	172.4210, -8.5886, 1.3848
Hunter-Lab	64.8268, -6.8817, 11.4638

Details

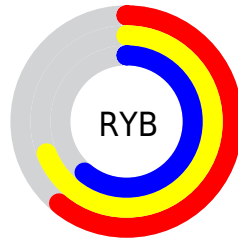
The XYZ color **38.7019, 42.0252, 37.0822** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.1712, 33.6069, 45.2982**, and the grayscale version is **39.4671, 41.5225, 45.2180**.

A 20% lighter version of the original color is **72.4386, 78.0201, 71.5631**, and **17.6077, 19.3030, 15.8945** is the 20% darker color. If you saturate the color by 10%, you get **37.1428, 41.3804, 29.8853**, and if you desaturate by 10%, it is **40.4776, 42.7595, 45.4029**.

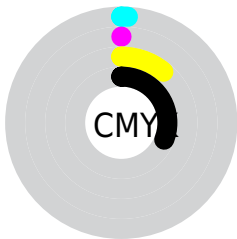
Distribution



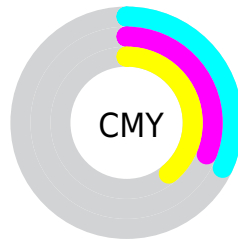
- Red (68%)
- Green (69%)
- Blue (61%)



- Red (61%)
- Yellow (69%)
- Blue (61%)



- Cyan (1%)
- Magenta (0%)
- Yellow (11%)
- Black (31%)



- Cyan (32%)
- Magenta (31%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.7019, 42.0252, 37.0822 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 38.7019, 42.0252, 37.0822 by changing the saturation by 10% instead.

■ 38.7019, 42.0252,
37.0822

■ 38.7019, 42.0252,
37.0822

331.8505,
354.5874, 348.8457

■ 26.7076, 29.1210,
24.9749

■ 72.4797, 78.2378,
71.8869

■ 17.4892, 19.1724,
15.8395

■ 94.9939, 102.3149,
95.4214

■ 10.6813, 11.7949,
9.2575

121.7454,
130.8852, 123.6020

■ 5.9187, 6.6042,
4.8104

153.0996,
164.3331, 156.8472

■ 2.8359, 3.2158,
2.0797

189.4219,
203.0428, 195.5757

■ 1.0676, 1.2454,
0.6036

231.0775,

■ 0.0000, 0.0983,

247.3988, 240.2059

0.0000

278.4319,
297.7856, 291.1564

■ 0.0000, 0.0000,
0.0000

■ 38.7019, 42.0252,
37.0822

■ 38.7019, 42.0252,
37.0822

■ 37.1428, 41.3804,
29.8853

■ 40.4776, 42.7595,
45.4029

■ 35.7879, 40.8160,
23.7615

■ 42.4750, 43.5813,
54.8899

■ 34.6283, 40.3300,
18.6601

■ 44.7035, 44.4957,
65.5866

■ 33.6536, 39.9180,
14.5254

■ 47.1707, 45.5057,
77.5337

■ 32.8521, 39.5755,
11.2964

■ 49.8839, 46.6143,
90.7698

■ 32.2109, 39.2972,
8.9049

■ 52.0339, 47.4977,
101.0332

■ 31.7153, 39.0773,
7.2734

■ 52.2380, 47.6029,
101.0428

■ 31.3478, 38.9088,
6.3098

■ 52.4434, 47.7088,
101.0524

■ 31.1031, 38.7926,
5.8484

■ 52.6500, 47.8153,
101.0621

Harmonies

Analogous

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



40.4813, 42.0252, 36.6043



38.7019, 42.0252, 37.0822



37.2957, 42.0252, 39.7894

Triad

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



38.7019, 42.0252, 37.0822



37.8012, 42.0252, 53.9627



43.4801, 42.0252, 47.3084

Complementary

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



38.7019, 42.0252, 37.0822



33.1712, 33.6069, 45.2982

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.



42.7142, 42.0252, 52.2961



38.7019, 42.0252, 37.0822



39.4108, 42.0252, 56.3239

Square

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



38.7019, 42.0252, 37.0822



36.7867, 42.0252, 49.4471



41.2118, 42.0252, 55.6920



43.2764, 42.0252, 42.2577

Rectangle

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



38.7019, 42.0252, 37.0822



36.7416, 42.0252, 42.6143



41.2118, 42.0252, 55.6920



43.3267, 42.0252, 49.0532

Sweetspot

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



38.7030, 42.0270, 37.0831



71.9476, 76.3529, 78.7540



35.4854, 35.2585, 35.9462



15.9327, 16.9462, 17.2288



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.



38.7030, 42.0270, 37.0831



68.4880, 74.9237, 62.5868



36.5578, 40.9211, 36.9827



8.6224, 9.3094, 8.5558



22.2885, 27.7872, 4.1887



0.6318, 0.7791, 0.1171

Inverse Universe

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



33.1712, 33.6069, 45.2982



56.3792, 56.4924, 80.5695



35.1864, 34.6458, 45.3926



7.6147, 7.7757, 10.0522



5.6359, 2.2653, 29.1847



0.1686, 0.0691, 0.8124

Previews

White Background



This preview shows how the XYZ color 38.7019, 42.0252, 37.0822 looks on a white background.

Color Contrast Check

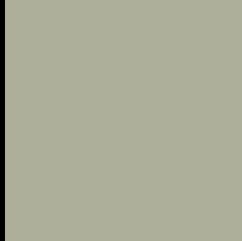
Large Text (above 18pt) WCAG AA × Fail

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 38.7019, 42.0252, 37.0822 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

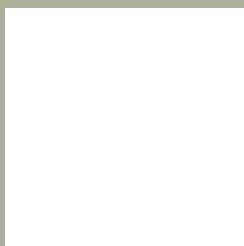
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.7019, 42.0252, 37.0822

Background



This preview shows how black text looks on a background with the XYZ color 38.7019, 42.0252, 37.0822.



This preview shows how white text looks on a background with the XYZ color 38.7019, 42.0252,

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

38.7019, 42.0252, 37.0822

Protanopia

39.8324, 42.0440, 36.5878

Deuteranopia

42.6695, 41.8075, 37.7190



Tritanopia

41.5747, 42.0515, 51.2729

Trichromacy



Original Color

38.7019, 42.0252, 37.0822

Protanomaly

39.3289, 42.0702, 36.6194

Deuteranomaly

41.1145, 41.8411, 37.3617

Tritanomaly

40.4268, 41.8693, 45.4860

Monochromacy



Original Color

38.7019, 42.0252, 37.0822

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

39.0601, 41.5246, 42.0327

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.7019, 42.0252, 37.0822 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(174, 175, 155)` looks like.

```
.text, #text, p{  
    color:rgb(174, 175, 155)  
}
```

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(174, 175, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 175, 155) }
```

Border

The CSS property to change the border of an element to XYZ 38.7019, 42.0252, 37.0822 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(174, 175, 155) }
```


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

```
.border{ border-color:rgb(174, 175, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 175, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 175, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 175, 155);  
box-shadow:4px 4px 4px 4px rgb(174, 175,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 38.7019, 42.0252, 37.0822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 175, 155) }
```

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

```
.background{ background-color: rgb(174,  
175, 155) }
```

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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