

Converting Colors

XYZ(37.7174, 40.9382, 37.2429)

Have a look what the booklet for
XYZ(37.7174, 40.9382, 37.2429)
contains.

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Color

**XYZ(37.7389, 40.9454,
37.3667)**

Conversions

Conversions Part 1

Format	Color
Hex	ABAD9C
RGB	171, 173, 156
RGB Percent	67%, 68%, 61%
CMY	0.3294, 0.3216, 0.3882
CMYK	0.01, 0.00, 0.10, 0.32
HSL	67°, 9%, 65%
HSV	67°, 10%, 68%
XYZ	37.7389, 40.9454, 37.3667
YIQ	170.4640, 4.2650, -5.7110

Conversions

Conversions Part 2

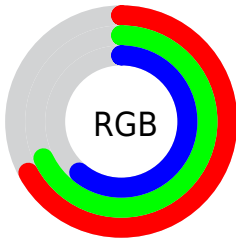
Format	Color
RYB	156, 173, 158
Decimal	11251100
CIELab	70.14, -3.79, 8.49
CIELCh	70, 9.295, 114.039
Yxy	40.9454, 0.3252, 0.3528
Android (android.graphics.Color)	4289441180 (0xFFABAD9C)
YUV	170.4640, -7.1308, 0.4701
Hunter-Lab	63.9886, -6.7051, 10.1691

Details

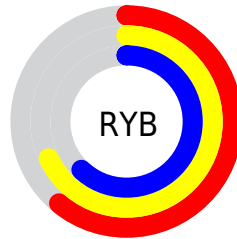
The XYZ color **37.7389, 40.9454, 37.3667** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.5335, 34.0643, 44.3451**, and the grayscale version is **38.4741, 40.4777, 44.0803**.

A 20% lighter version of the original color is **70.7403, 76.3087, 71.9734**, and **16.9949, 18.6166, 16.0622** is the 20% darker color. If you saturate the color by 10%, you get **35.9368, 40.1750, 30.1722**, and if you desaturate by 10%, it is **39.7588, 41.8064, 45.6624**.

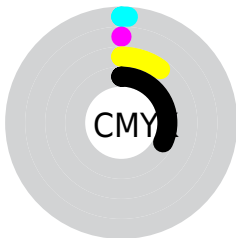
Distribution



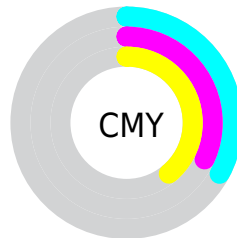
- Red (67%)
- Green (68%)
- Blue (61%)



- Red (61%)
- Yellow (68%)
- Blue (62%)



- Cyan (1%)
- Magenta (0%)
- Yellow (10%)
- Black (32%)



- Cyan (33%)
- Magenta (32%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.7389, 40.9454, 37.3667 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 37.7389, 40.9454, 37.3667 by changing the saturation by 10% instead.

■ 37.7389, 40.9454,
37.3667

■ 37.7389, 40.9454,
37.3667

327.7988,
350.0924, 350.1118

■ 25.9564, 28.2764,
25.1935

■ 71.0142, 76.6010,
72.3290

■ 16.9235, 18.5341,
16.0010

■ 93.2378, 100.3564,
95.9553

■ 10.2750, 11.3341,
9.3705

119.6724,
128.5761, 124.2363

■ 5.6453, 6.2921,
4.8835

150.6834,
161.6445, 157.5906

■ 2.6692, 3.0235,
2.1215

186.6362,
199.9459, 196.4368

■ 0.9814, 1.1440,
0.6285

227.8962,

■ 0.0000, 0.0152,

243.8647, 241.1933

0.0000

274.8286,
293.7854, 292.2788

■ 0.0000, 0.0000,
0.0000

■ 37.7389, 40.9454,
37.3667

■ 37.7389, 40.9454,
37.3667

■ 35.9368, 40.1750,
30.1722

■ 39.7588, 41.8064,
45.6624

■ 34.3403, 39.4863,
24.0299

■ 42.0014, 42.7560,
55.1000

■ 32.9412, 38.8773,
18.8912

■ 44.4758, 43.7990,
65.7217

■ 31.7292, 38.3439,
14.7028

■ 47.1892, 44.9385,
77.5664

■ 30.6932, 37.8817,
11.4060

■ 50.1489, 46.1773,
90.6715

■ 29.8208, 37.4858,
8.9361

■ 52.5784, 47.2048,
100.9480

■ 29.0981, 37.1505,
7.2193

■ 53.0678, 47.4570,
100.9709

■ 28.5085, 36.8692,
6.1691

■ 53.5641, 47.7129,
100.9941

■ 28.0172, 36.6279,
5.6018

■ 54.0676, 47.9725,
101.0177

Harmonies

Analogous

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



39.2217, 40.9454, 36.7649



37.7389, 40.9454, 37.3667



36.5993, 40.9454, 39.8456

Triad

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



37.7389, 40.9454, 37.3667



37.2261, 40.9454, 51.7067



41.8973, 40.9454, 45.4576

Complementary

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



37.7389, 40.9454, 37.3667



33.5335, 34.0643, 44.3451

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.



41.3313, 40.9454, 49.6809



37.7389, 40.9454, 37.3667



38.6146, 40.9454, 53.4367

Square

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



37.7389, 40.9454, 37.3667



36.3087, 40.9454, 48.0800



40.1201, 40.9454, 52.6723



41.6481, 40.9454, 41.2591

Rectangle

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



37.7389, 40.9454, 37.3667



36.1744, 40.9454, 42.3202



40.1201, 40.9454, 52.6723



41.7956, 40.9454, 46.9242

Sweetspot

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



37.7400, 40.9472, 37.3676



69.9935, 74.3557, 76.7651



35.4597, 35.7337, 36.4815



15.1480, 16.1323, 16.4226



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



37.7400, 40.9472, 37.3676



66.7834, 72.9872, 63.6754



35.9513, 40.0251, 37.2839



8.5684, 9.2816, 8.5533



20.6070, 26.9204, 4.1100



0.5989, 0.7621, 0.1155

Inverse Universe

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



33.5335, 34.0643, 44.3451



57.5746, 57.9192, 78.9508



35.2600, 34.9544, 44.4259



7.6633, 7.8008, 10.0545



5.7858, 2.3425, 29.1917



0.1880, 0.0791, 0.8133

Previews

White Background



This preview shows how the XYZ color 37.7389, 40.9454, 37.3667 looks on a white background.

Color Contrast Check

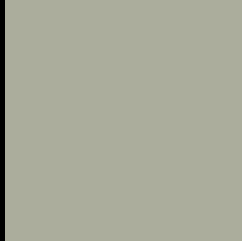
Large Text (above 18pt) WCAG AA × Fail

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 37.7389, 40.9454, 37.3667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

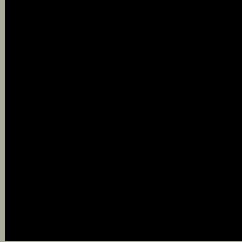
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

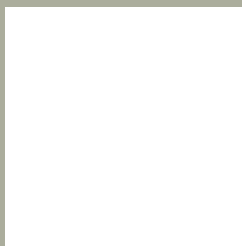
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.7389, 40.9454, 37.3667

Background



This preview shows how black text looks on a background with the XYZ color 37.7389, 40.9454, 37.3667.



This preview shows how white text looks on a background with the XYZ color 37.7389, 40.9454,

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

37.7389, 40.9454, 37.3667

Protanopia

38.8394, 40.9574, 36.8688

Deuteranopia

41.6190, 40.7163, 38.0132



Tritanopia

40.3107, 40.8673, 50.0195

Trichromacy



Original Color

37.7389, 40.9454, 37.3667

Protanomaly

38.3481, 40.9856, 36.9002

Deuteranomaly

40.0960, 40.7539, 37.6513

Tritanomaly

39.3731, 40.7653, 45.3285

Monochromacy



Original Color

37.7389, 40.9454, 37.3667

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

37.9320, 40.3885, 41.3938

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.7389, 40.9454, 37.3667 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(171, 173, 156)` looks like.

```
.text, #text, p{  
    color:rgb(171, 173, 156)  
}
```

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(171, 173, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 173, 156) }
```

Border

The CSS property to change the border of an element to XYZ 37.7389, 40.9454, 37.3667 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(171, 173, 156) }
```


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

```
.border{ border-color:rgb(171, 173, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 173, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 173, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 173, 156);  
box-shadow:4px 4px 4px 4px rgb(171, 173,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 37.7389, 40.9454, 37.3667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 173, 156) }
```

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

```
.background{ background-color: rgb(171,  
173, 156) }
```

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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