

Converting Colors

XYZ(37.5466, 39.4554, 38.5749)

Have a look what the booklet for
XYZ(37.5466, 39.4554, 38.5749)
contains.

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Color

**XYZ(37.4942, 39.3927,
38.4283)**

Conversions

Conversions Part 1

Format	Color
Hex	ADA89F
RGB	173, 168, 159
RGB Percent	68%, 66%, 62%
CMY	0.3216, 0.3412, 0.3765
CMYK	0.00, 0.03, 0.08, 0.32
HSL	39°, 8%, 65%
HSV	39°, 8%, 68%
XYZ	37.4942, 39.3927, 38.4283
YIQ	168.4690, 5.8690, -1.7390

Conversions

Conversions Part 2

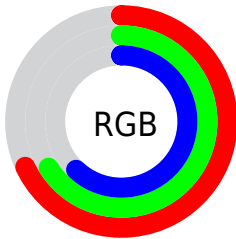
Format	Color
RYB	167, 173, 159
Decimal	11380895
CIELab	69.03, 0.17, 5.27
CIELCh	69, 5.276, 88.136
Yxy	39.3927, 0.3251, 0.3416
Android (android.graphics.Color)	4289570975 (0xFFADA89F)
YUV	168.4690, -4.6682, 3.9737
Hunter-Lab	62.7636, -3.2026, 7.6330

Details

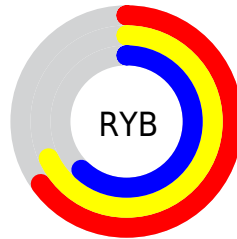
The XYZ color **37.4942, 39.3927, 38.4283** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.1163, 36.9383, 44.8145**, and the grayscale version is **37.4712, 39.4226, 42.9312**.

A 20% lighter version of the original color is **70.5202, 74.1244, 74.2090**, and **16.8373, 17.6384, 16.7045** is the 20% darker color. If you saturate the color by 10%, you get **34.9842, 36.6091, 30.6961**, and if you desaturate by 10%, it is **40.2707, 42.3721, 47.2869**.

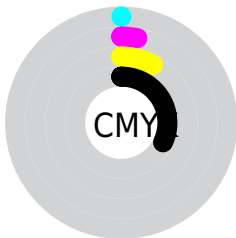
Distribution



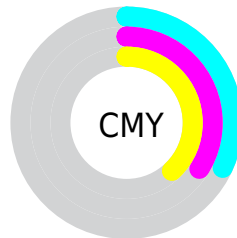
- Red (68%)
- Green (66%)
- Blue (62%)



- Red (65%)
- Yellow (68%)
- Blue (62%)



- Cyan (0%)
- Magenta (3%)
- Yellow (8%)
- Black (32%)



- Cyan (32%)
- Magenta (34%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.4942, 39.3927, 38.4283 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 37.4942, 39.3927, 38.4283 by changing the saturation by 10% instead.

■ 37.4942, 39.3927,
38.4283

■ 37.4942, 39.3927,
38.4283

326.7637,
343.5572, 354.8068

■ 25.7658, 27.0654,
26.0109

■ 70.6411, 74.2378,
73.9748

■ 16.7803, 17.6223,
16.6059

■ 92.7903, 97.5244,
97.9410

■ 10.1723, 10.6792,
9.7950

119.1439,
125.2329, 126.5938

■ 5.5765, 5.8515,
5.1594

150.0671,
157.7477, 160.3519

■ 2.6275, 2.7550,
2.2807

185.9253,
195.4531, 199.6336

■ 0.9600, 1.0052,
0.7204

227.0839,

■ 0.0000, 0.0000,

238.7335, 244.8577

0.0000

273.9083,
287.9734, 296.4426

■ 37.4942, 39.3927,
38.4283

■ 37.4942, 39.3927,
38.4283

■ 34.9842, 36.6091,
30.6961

■ 40.2707, 42.3721,
47.2869

■ 32.7280, 34.0112,
24.0419

■ 43.3193, 45.5468,
57.3128

■ 30.7166, 31.5954,
18.4174

■ 46.6495, 48.9231,
68.5477

■ 28.9393, 29.3562,
13.7696

■ 50.2695, 52.5053,
81.0306

■ 27.3843, 27.2877,
10.0407

■ 54.1869, 56.2976,
94.7988

■ 26.0388, 25.3833,
7.1668

■ 57.1272, 59.7913,
103.1377

■ 24.8882, 23.6361,
5.0758

■ 58.6340, 62.8049,
103.6400

■ 23.9158, 22.0377,
3.6834

■ 60.1998, 65.9363,
104.1619

■ 23.0941, 20.5760,
2.8492

■ 61.8251, 69.1870,
104.7036

Harmonies

Analogous

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



38.3016, 39.3927, 39.0782



37.4942, 39.3927, 38.4283



36.6843, 39.3927, 38.9368

Triad

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



37.4942, 39.3927, 38.4283



36.0338, 39.3927, 45.1128



38.8316, 39.3927, 45.3832

Complementary

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



37.4942, 39.3927, 38.4283



35.1163, 36.9383, 44.8145

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.



38.2092, 39.3927, 47.1063



37.4942, 39.3927, 38.4283



36.5945, 39.3927, 46.9461

Square

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



37.4942, 39.3927, 38.4283



35.8487, 39.3927, 42.7415



37.3890, 39.3927, 47.6885



39.0809, 39.3927, 43.0428

Rectangle

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



37.4942, 39.3927, 38.4283



36.2503, 39.3927, 39.8753



37.3890, 39.3927, 47.6885



38.6587, 39.3927, 46.0571

Sweetspot

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



37.4953, 39.3944, 38.4291



70.1050, 73.7415, 78.1877



36.3451, 36.3662, 40.2894



15.2477, 16.0389, 17.0315



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.



37.4953, 39.3944, 38.4291



66.1767, 69.4860, 65.7765



38.0257, 41.0637, 38.7234



8.4185, 8.8419, 8.4763



16.9127, 15.0308, 2.0098



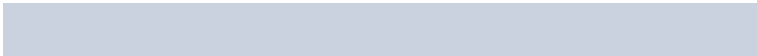
0.5196, 0.5165, 0.0723

Inverse Universe

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



35.1163, 36.9383, 44.8145



60.8941, 64.0323, 79.9558



34.6126, 35.3772, 44.5397



7.8041, 8.2076, 10.1256



6.8464, 4.8266, 29.6153



0.2431, 0.2395, 0.8414

Previews

White Background



This preview shows how the XYZ color 37.4942, 39.3927, 38.4283 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 37.4942, 39.3927, 38.4283 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

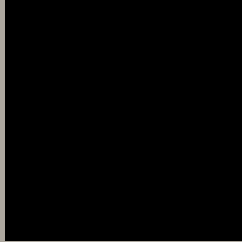
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.4942, 39.3927, 38.4283

Background



This preview shows how black text looks on a background with the XYZ color 37.4942, 39.3927, 38.4283.



This preview shows how white text looks on a background with the XYZ color 37.4942, 39.3927,

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

37.4942, 39.3927, 38.4283

Protanopia

37.7162, 39.5071, 38.4387

Deuteranopia

40.1814, 39.4238, 38.7495



Tritanopia

39.3955, 39.3547, 47.6393

Trichromacy



Original Color

37.4942, 39.3927, 38.4283

Protanomaly

37.7162, 39.5071, 38.4387

Deuteranomaly

39.3287, 39.5156, 38.8121

Tritanomaly

38.6661, 39.3267, 44.0810

Monochromacy



Original Color

37.4942, 39.3927, 38.4283

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.3717, 39.2679, 41.2071

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.4942, 39.3927, 38.4283 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(173, 168, 159)` looks like.

```
.text, #text, p{  
    color:rgb(173, 168, 159)  
}
```

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(173, 168, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 168, 159) }
```

Border

The CSS property to change the border of an element to XYZ 37.4942, 39.3927, 38.4283 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(173, 168, 159) }
```


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

```
.border{ border-color:rgb(173, 168, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 168, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 168, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 168, 159);  
box-shadow:4px 4px 4px 4px rgb(173, 168,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 37.4942, 39.3927, 38.4283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 168, 159) }
```

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

```
.background{ background-color: rgb(173,  
168, 159) }
```

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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