

Converting Colors

XYZ(38.1580, 37.3922, 39.9900)

Have a look what the booklet for
XYZ(38.1580, 37.3922, 39.9900)
contains.

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Color

**XYZ(38.0651, 37.2644,
39.8368)**

Conversions

Conversions Part 1

Format	Color
Hex	B59FA3
RGB	181, 159, 163
RGB Percent	71%, 62%, 64%
CMY	0.2902, 0.3765, 0.3608
CMYK	0.00, 0.12, 0.10, 0.29
HSL	349°, 13%, 67%
HSV	349°, 12%, 71%
XYZ	38.0651, 37.2644, 39.8368
YIQ	166.0340, 11.8280, 5.9080

Conversions

Conversions Part 2

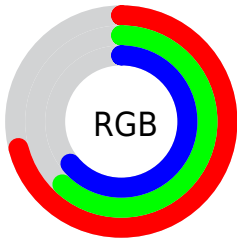
Format	Color
RYB	181, 159, 163
Decimal	11902883
CIELab	67.47, 8.75, 0.88
CIELCh	67, 8.791, 5.730
Yxy	37.2644, 0.3305, 0.3236
Android (android.graphics.Color)	4290092963 (0xFFB59FA3)
YUV	166.0340, -1.4958, 13.1252
Hunter-Lab	61.0446, 4.4779, 4.0394

Details

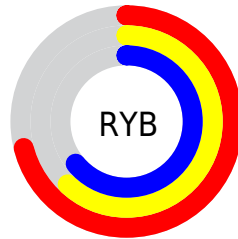
The XYZ color **38.0651, 37.2644, 39.8368** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.7593, 43.5941, 47.9689**, and the grayscale version is **36.2658, 38.1545, 41.5502**.

A 20% lighter version of the original color is **71.6265, 71.1596, 76.2897**, and **17.1339, 16.4620, 17.3134** is the 20% darker color. If you saturate the color by 10%, you get **33.9274, 30.9895, 32.2892**, and if you desaturate by 10%, it is **42.8162, 44.5163, 48.3567**.

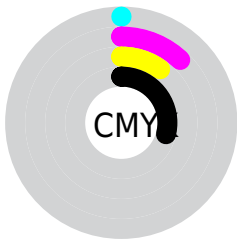
Distribution



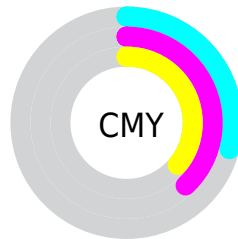
- Red (71%)
- Green (62%)
- Blue (64%)



- Red (71%)
- Yellow (62%)
- Blue (64%)



- Cyan (0%)
- Magenta (12%)
- Yellow (10%)
- Black (29%)





- Cyan (29%)
- Magenta (38%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.0651, 37.2644, 39.8368 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 38.0651, 37.2644, 39.8368 by changing the saturation by 10% instead.


 38.0651, 37.2644,
39.8368


 38.0651, 37.2644,
39.8368


329.1752,
334.4538, 360.9668

 26.2107, 25.4123,
27.0985


 71.5112, 70.9792,
76.1493

 17.1148, 16.3845,
17.4141


 93.8335, 93.6108,
100.5606

 10.4122, 9.7966,
10.3651


120.3758,
120.6042, 129.7000

 5.7375, 5.2643,
5.5330

151.5036,
152.3439, 163.9859

 2.7252, 2.4032,
2.4991

187.5820,
189.2143, 203.8371

 1.0102, 0.8275,
0.8397

228.9765,

 0.0000, 0.0000,

231.5999, 249.6719

0.0000

276.0524,
279.8849, 301.9090

■ 38.0651, 37.2644,
39.8368

■ 38.0651, 37.2644,
39.8368

■ 33.9274, 30.9895,
32.2892

■ 42.8162, 44.5163,
48.3567

■ 30.3748, 25.6452,
25.6766

■ 48.2010, 52.7793,
57.8793

■ 27.3816, 21.1884,
19.9633

■ 54.2431, 62.0921,
68.4370

■ 24.9188, 17.5708,
15.1098

■ 60.9636, 72.4897,
80.0595

■ 22.9549, 14.7397,
11.0741

■ 68.3828, 84.0056,
92.7758

■ 21.4547, 12.6360,
7.8102

■ 72.3663, 88.3639,
105.2289

■ 20.3788, 11.1925,
5.2678

■ 72.8663, 88.5639,
107.8618

■ 19.6804, 10.3292,
3.3899

■ 19.3292, 9.9331,
2.3291

Harmonies

Analogous

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



37.8384, 37.2644, 43.7080



38.0651, 37.2644, 39.8368



37.5682, 37.2644, 36.3859

Triad

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



38.0651, 37.2644, 39.8368



33.9242, 37.2644, 34.8334



34.3623, 37.2644, 47.7369

Complementary

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



38.0651, 37.2644, 39.8368



38.7593, 43.5941, 47.9689

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.



33.3528, 37.2644, 45.0731



38.0651, 37.2644, 39.8368



33.1044, 37.2644, 37.5946

Square

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



38.0651, 37.2644, 39.8368



35.1601, 37.2644, 33.6173



32.8979, 37.2644, 41.3214



35.6785, 37.2644, 48.4311

Rectangle

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



38.0651, 37.2644, 39.8368



36.9007, 37.2644, 34.7353



32.8979, 37.2644, 41.3214



33.9769, 37.2644, 47.0342

Sweetspot

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



38.0661, 37.2660, 39.8376



74.9669, 77.1031, 83.5471



38.8637, 37.4774, 48.9022



16.0611, 16.4478, 17.8040



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



38.0661, 37.2660, 39.8376



65.7637, 63.0766, 66.9765



38.9455, 39.5888, 38.3916



8.5573, 8.5297, 9.1674



13.3441, 6.8552, 1.7059



0.4387, 0.2232, 0.1530

Inverse Universe

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



38.0661, 37.2660, 39.8376



65.7637, 63.0766, 66.9765



37.7824, 40.9934, 49.6378



8.5573, 8.5297, 9.1674



13.3441, 6.8552, 1.7059



0.4387, 0.2232, 0.1530

Previews

White Background



This preview shows how the XYZ color 38.0651, 37.2644, 39.8368 looks on a white background.

Color Contrast Check

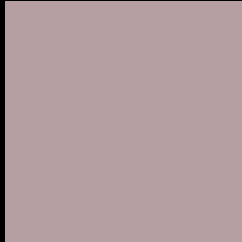
Large Text (above 18pt) WCAG AA × Fail

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 38.0651, 37.2644, 39.8368 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 38.0651, 37.2644, 39.8368

Background



This preview shows how black text looks on a background with the XYZ color 38.0651, 37.2644, 39.8368.



This preview shows how white text looks on a background with the XYZ color 38.0651, 37.2644,

39.8368.

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

38.0651, 37.2644, 39.8368

Protanopia

36.0947, 37.5196, 41.4160

Deuteranopia

38.0651, 37.2644, 39.8368



Tritanopia

38.7740, 37.3011, 43.1864

Trichromacy



Original Color

38.0651, 37.2644, 39.8368

Protanomaly

36.7251, 37.3279, 40.8667

Deuteranomaly

38.0651, 37.2644, 39.8368

Tritanomaly

38.4933, 37.1888, 41.7086

Monochromacy



Original Color

38.0651, 37.2644, 39.8368

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.6833, 37.5689, 40.9154

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.0651, 37.2644, 39.8368 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(181, 159, 163)` looks like.

```
.text, #text, p{  
    color:rgb(181, 159, 163)  
}
```

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(181, 159, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 159, 163) }
```

Border

The CSS property to change the border of an element to XYZ 38.0651, 37.2644, 39.8368 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(181, 159, 163) }
```


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

```
.border{ border-color:rgb(181, 159, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 159, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 159, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 159, 163);  
box-shadow:4px 4px 4px 4px rgb(181, 159,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 38.0651, 37.2644, 39.8368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 159, 163) }
```

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

```
.background{ background-color: rgb(181,  
159, 163) }
```

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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