

Converting Colors

XYZ(39.4384, 39.0872, 37.5409)

Have a look what the booklet for
XYZ(39.4384, 39.0872, 37.5409)
contains.

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Color

**XYZ(39.4327, 39.0678,
37.3608)**

Conversions

Conversions Part 1

Format	Color
Hex	BAA39D
RGB	186, 163, 157
RGB Percent	73%, 64%, 62%
CMY	0.2706, 0.3608, 0.3843
CMYK	0.00, 0.12, 0.16, 0.27
HSL	12°, 17%, 67%
HSV	12°, 16%, 73%
XYZ	39.4327, 39.0678, 37.3608
YIQ	169.1930, 15.6340, 3.0100

Conversions

Conversions Part 2

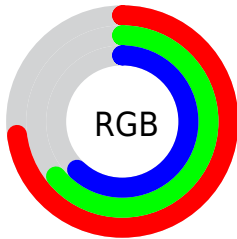
Format	Color
R_{YB}	186, 165, 157
Decimal	12231581
CIE _{Lab}	68.80, 7.40, 6.19
CIE _{LCh}	69, 9.644, 39.928
Yxy	39.0678, 0.3403, 0.3372
Android (android.graphics.Color)	4290421661 (0xFFBAA39D)
YUV	169.1930, -6.0111, 14.7397
Hunter-Lab	62.5042, 3.2297, 8.3134

Details

The XYZ color **39.4327, 39.0678, 37.3608** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.0886, 43.3549, 52.7629**, and the grayscale version is **37.8319, 39.8021, 43.3445**.

A 20% lighter version of the original color is **73.5730, 73.7735, 72.6494**, and **17.9588, 17.3960, 16.0469** is the 20% darker color. If you saturate the color by 10%, you get **35.4964, 33.5457, 28.8014**, and if you desaturate by 10%, it is **43.9184, 45.3010, 47.2970**.

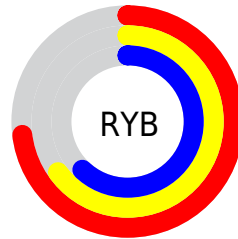
Distribution



Red (73%)

Green (64%)

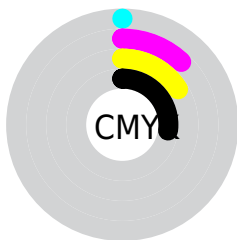
Blue (62%)



Red (73%)

Yellow (65%)

Blue (62%)

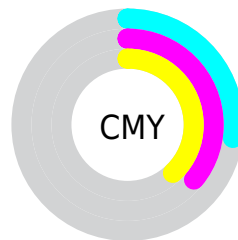


Cyan (0%)

Magenta (12%)

Yellow (16%)

Black (27%)



Cyan (27%)

Magenta (36%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.4327, 39.0678, 37.3608 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 39.4327, 39.0678, 37.3608 by changing the saturation by 10% instead.


 39.4327, 39.0678,
37.3608


 39.4327, 39.0678,
37.3608


334.9022,
342.1787, 350.0856

 27.2787, 26.8125,
25.1890

 73.5887, 73.7419,
72.3199

 17.9203, 17.4324,
15.9976


 96.3215, 96.9294,
95.9442

 10.9922, 10.5433,
9.3681


123.3112,
124.5298, 124.2231

 6.1288, 5.7606,
4.8820

154.9233,
156.9275, 157.5752

 2.9650, 2.7001,
2.1207

191.5231,
194.5068, 196.4189

 1.1353, 0.9772,
0.6280

233.4760,

 0.0543, 0.0000,

237.6522, 241.1729

0.0000

281.1472,
286.7480, 292.2556

■ 0.0000, 0.0000,
0.0000

■ 39.4327, 39.0678,
37.3608

■ 39.4327, 39.0678,
37.3608

■ 35.4964, 33.5457,
28.8014

■ 43.9184, 45.3010,
47.2970

■ 32.0849, 28.7042,
21.5555

■ 48.9705, 52.2641,
58.6645

■ 29.1765, 24.5183,
15.5584

■ 54.6091, 59.9817,
71.5181

■ 26.7468, 20.9595,
10.7389

■ 60.8525, 68.4755,
85.9088

■ 24.7691, 17.9969,
7.0189

■ 67.7180, 77.7665,
101.8851

■ 23.2140, 15.5973,
4.3103

■ 72.9541, 86.9676,
107.5491

■ 22.0486, 13.7238,
2.5117

■ 74.0599, 89.1792,
107.9177

■ 21.2335, 12.3345,
1.4972

■ 20.9592, 11.8579,
1.1841

Harmonies

Analogous

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



40.1040, 39.0678, 41.1032



39.4327, 39.0678, 37.3608



38.1507, 39.0678, 35.1112

Triad

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



39.4327, 39.0678, 37.3608



34.4398, 39.0678, 39.7141



37.6419, 39.0678, 51.3806

Complementary

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



39.4327, 39.0678, 37.3608



39.0886, 43.3549, 52.7629

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.



36.1331, 39.0678, 50.9449



39.4327, 39.0678, 37.3608



34.3121, 39.0678, 44.0062

Square

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



39.4327, 39.0678, 37.3608



35.2780, 39.0678, 36.4039



34.9241, 39.0678, 48.1731



39.0514, 39.0678, 49.3256

Rectangle

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



39.4327, 39.0678, 37.3608



37.1364, 39.0678, 34.6633



34.9241, 39.0678, 48.1731



37.1291, 39.0678, 51.5237

Sweetspot

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



39.4338, 39.0695, 37.3616



80.0446, 82.7194, 86.7118



40.5657, 37.8570, 48.4564



17.4926, 18.0300, 18.7947



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



39.4338, 39.0695, 37.3616



68.7044, 66.9399, 61.6570



42.1174, 44.4368, 38.2562



9.1512, 9.3054, 9.4207



14.1453, 8.0670, 0.8115



0.5433, 0.3736, 0.0435

Inverse Universe

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



39.0886, 43.3549, 52.7629



67.9476, 76.3118, 95.3498



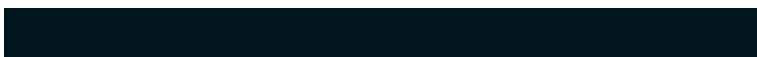
36.3498, 37.8773, 51.8500



9.1046, 9.8864, 11.5078



13.0890, 16.6377, 33.7746



0.5018, 0.6672, 1.2041

Previews

White Background



This preview shows how the XYZ color 39.4327, 39.0678, 37.3608 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 39.4327, 39.0678, 37.3608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

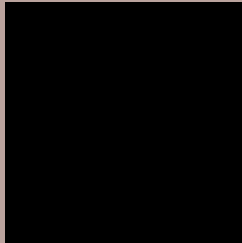
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.4327, 39.0678, 37.3608

Background



This preview shows how black text looks on a background with the XYZ color 39.4327, 39.0678, 37.3608.



This preview shows how white text looks on a background with the XYZ color 39.4327, 39.0678,

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

39.4327, 39.0678, 37.3608

Protanopia

37.3103, 39.0249, 38.3670

Deuteranopia

39.7452, 38.9663, 37.3247



Tritanopia

41.0267, 39.1982, 44.9388

Trichromacy



Original Color

39.4327, 39.0678, 37.3608

Protanomaly

38.1679, 39.2060, 37.9036

Deuteranomaly

39.4997, 38.8398, 37.3133

Tritanomaly

40.3889, 39.1955, 41.9960

Monochromacy



Original Color

39.4327, 39.0678, 37.3608

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

38.2894, 39.4680, 41.1973

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4327, 39.0678, 37.3608 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(186, 163, 157)` looks like.

```
.text, #text, p{  
    color:rgb(186, 163, 157)  
}
```

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(186, 163, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 163, 157) }
```

Border

The CSS property to change the border of an element to XYZ 39.4327, 39.0678, 37.3608 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(186, 163, 157) }
```


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

```
.border{ border-color:rgb(186, 163, 157) }
```

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

Here you see how a box with a 4 pixel rgb(186, 163, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 163, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 163, 157);  
box-shadow:4px 4px 4px 4px rgb(186, 163,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4327, 39.0678, 37.3608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 163, 157) }
```

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

```
.background{ background-color: rgb(186,  
163, 157) }
```

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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