

Converting Colors

XYZ(38.1522, 36.7691, 41.3543)

Have a look what the booklet for
XYZ(38.1522, 36.7691, 41.3543)
contains.

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Color

**XYZ(38.2313, 36.8122,
41.1669)**

Conversions

Conversions Part 1

Format	Color
Hex	B69DA6
RGB	182, 157, 166
RGB Percent	71%, 62%, 65%
CMY	0.2863, 0.3843, 0.3490
CMYK	0.00, 0.14, 0.09, 0.29
HSL	338°, 15%, 66%
HSV	338°, 14%, 71%
XYZ	38.2313, 36.8122, 41.1669
YIQ	165.5010, 12.0110, 8.0990

Conversions

Conversions Part 2

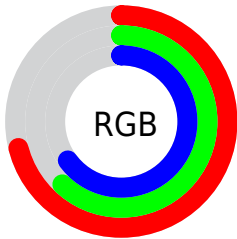
Format	Color
RYB	182, 157, 166
Decimal	11967910
CIELab	67.14, 10.74, -1.28
CIElCh	67, 10.820, 353.198
Yxy	36.8122, 0.3290, 0.3168
Android (android.graphics.Color)	4290157990 (0xFFB69DA6)
YUV	165.5010, 0.2460, 14.4696
Hunter-Lab	60.6731, 6.2985, 2.2427

Details

The XYZ color **38.2313, 36.8122, 41.1669** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.1768, 43.6420, 45.9488**, and the grayscale version is **36.0005, 37.8753, 41.2463**.

A 20% lighter version of the original color is **71.8545, 70.4846, 78.2244**, and **17.2446, 16.1901, 18.1357** is the 20% darker color. If you saturate the color by 10%, you get **34.3580, 30.6986, 34.8402**, and if you desaturate by 10%, it is **42.6622, 43.8851, 48.1579**.

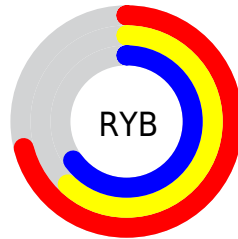
Distribution



Red (71%)

Green (62%)

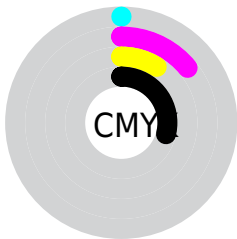
Blue (65%)



Red (71%)

Yellow (62%)

Blue (65%)

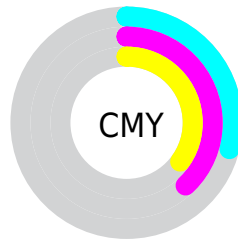


Cyan (0%)

Magenta (14%)

Yellow (9%)

Black (29%)



Cyan (29%)


Magenta (38%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.2313, 36.8122, 41.1669 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 38.2313, 36.8122, 41.1669 by changing the saturation by 10% instead.

 38.2313, 36.8122,
41.1669


 38.2313, 36.8122,
41.1669


329.8749,
332.4967, 366.7150

 26.3403, 25.0621,
28.1288


 71.7641, 70.2839,
78.1936

 17.2124, 16.1233,
18.1829


 94.1367, 92.7742,
103.0193

 10.4823, 9.6115,
10.9106


120.7338,
119.6135, 132.6114

 5.7846, 5.1421,
5.8933

151.9207,
151.1860, 167.3882

 2.7540, 2.3309,
2.7126

188.0630,
187.8762, 207.7685

 1.0250, 0.7900,
0.9498

229.5259,

 0.0000, 0.0000,

230.0684, 254.1707

0.0000

276.6747,
278.1472, 307.0133

■ 38.2313, 36.8122,
41.1669

■ 38.2313, 36.8122,
41.1669

■ 34.3580, 30.6986,
34.8402

■ 42.6622, 43.8851,
48.1579

■ 31.0164, 25.4981,
29.1554

■ 47.6690, 51.9514,
55.8303

■ 28.1831, 21.1677,
24.0919

■ 53.2730, 61.0494,
64.2031

■ 25.8318, 17.6592,
19.6271

■ 59.4935, 71.2139,
73.2942

■ 23.9337, 14.9196,
15.7371

■ 66.3487, 82.4782,
83.1207

■ 22.4567, 12.8895,
12.3959

■ 70.1771, 87.5154,
92.4725

■ 21.3640, 11.5010,
9.5752

■ 71.9247, 88.2144,
101.6753

■ 20.6121, 10.6724,
7.2432

■ 73.1016, 88.6852,
107.8728

■ 20.2605, 10.3327,
6.0049

Harmonies

Analogous

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



37.5885, 36.8122, 45.7694



38.2313, 36.8122, 41.1669



37.9837, 36.8122, 36.6120

Triad

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



38.2313, 36.8122, 41.1669



33.7552, 36.8122, 32.3046



33.1244, 36.8122, 47.7984

Complementary

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



38.2313, 36.8122, 41.1669



38.1768, 43.6420, 45.9488

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.



32.1558, 36.8122, 43.7651



38.2313, 36.8122, 41.1669



32.5120, 36.8122, 34.8869

Square

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



38.2313, 36.8122, 41.1669



35.3656, 36.8122, 31.7278



31.9352, 36.8122, 39.0168



34.6149, 36.8122, 49.7878

Rectangle

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



38.2313, 36.8122, 41.1669



37.3506, 36.8122, 34.1844



31.9352, 36.8122, 39.0168



32.7289, 36.8122, 46.6222

Sweetspot

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



38.2323, 36.8138, 41.1677



77.0611, 79.1064, 86.8668



37.6985, 36.3583, 49.2873



16.8794, 17.2461, 18.9666



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



38.2323, 36.8138, 41.1677



67.4389, 63.7692, 71.6139



38.0071, 37.6384, 37.1620



9.1346, 9.0642, 10.0562



14.3368, 7.3085, 4.3947



0.5356, 0.2697, 0.3137

Inverse Universe

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



38.2323, 36.8138, 41.1677



67.4389, 63.7692, 71.6139



38.4027, 42.6532, 50.4652



9.1346, 9.0642, 10.0562



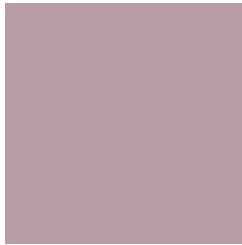
14.3368, 7.3085, 4.3947



0.5356, 0.2697, 0.3137

Previews

White Background



This preview shows how the XYZ color 38.2313, 36.8122, 41.1669 looks on a white background.

Color Contrast Check

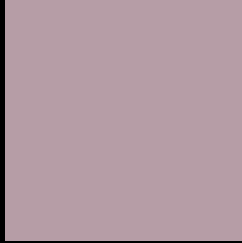
Large Text (above 18pt) WCAG AA × Fail

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 38.2313, 36.8122, 41.1669 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

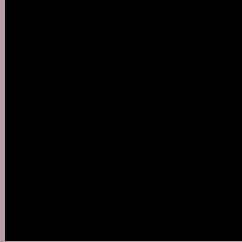
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.2313, 36.8122, 41.1669

Background



This preview shows how black text looks on a background with the XYZ color 38.2313, 36.8122, 41.1669.



This preview shows how white text looks on a background with the XYZ color 38.2313, 36.8122,

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

38.2313, 36.8122, 41.1669

Protanopia

35.7757, 37.0583, 42.8035

Deuteranopia

37.4699, 36.6719, 41.1799



Tritanopia

38.5098, 36.9236, 42.6334

Trichromacy



Original Color

38.2313, 36.8122, 41.1669

Protanomaly

36.6073, 36.9748, 42.2532

Deuteranomaly

37.7002, 36.7906, 41.1907

Tritanomaly

38.4163, 36.8862, 42.1408

Monochromacy



Original Color

38.2313, 36.8122, 41.1669

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.9934, 37.7182, 41.4070

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.2313, 36.8122, 41.1669 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(182, 157, 166)` looks like.

```
.text, #text, p{  
    color:rgb(182, 157, 166)  
}
```

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(182, 157, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 157, 166) }
```

Border

The CSS property to change the border of an element to XYZ 38.2313, 36.8122, 41.1669 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(182, 157, 166) }
```


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

```
.border{ border-color:rgb(182, 157, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 157, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 157, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 157, 166);  
box-shadow:4px 4px 4px 4px rgb(182, 157,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 38.2313, 36.8122, 41.1669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 157, 166) }
```

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

```
.background{ background-color: rgb(182,  
157, 166) }
```

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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