

Converting Colors

XYZ(38.4143, 37.4225, 41.2115)

Have a look what the booklet for
XYZ(38.4143, 37.4225, 41.2115)
contains.

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Color

**XYZ(38.3371, 37.3732,
41.2696)**

Conversions

Conversions Part 1

Format	Color
Hex	B59FA6
RGB	181, 159, 166
RGB Percent	71%, 62%, 65%
CMY	0.2902, 0.3765, 0.3490
CMYK	0.00, 0.12, 0.08, 0.29
HSL	341°, 13%, 67%
HSV	341°, 12%, 71%
XYZ	38.3371, 37.3732, 41.2696
YIQ	166.3760, 10.8650, 6.8410

Conversions

Conversions Part 2

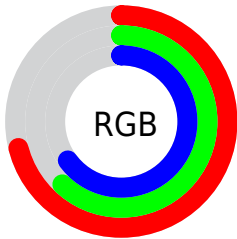
Format	Color
RYB	181, 159, 166
Decimal	11902886
CIELab	67.56, 9.27, -0.68
CIELCh	68, 9.298, 355.823
Yxy	37.3732, 0.3277, 0.3195
Android (android.graphics.Color)	4290092966 (0xFFB59FA6)
YUV	166.3760, -0.1854, 12.8252
Hunter-Lab	61.1336, 4.9541, 2.7685

Details

The XYZ color **38.3371, 37.3732, 41.2696** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.4633, 43.4756, 46.4108**, and the grayscale version is **36.4255, 38.3225, 41.7332**.

A 20% lighter version of the original color is **72.0228, 71.3181, 78.3764**, and **17.3019, 16.5292, 18.1981** is the 20% darker color. If you saturate the color by 10%, you get **34.3713, 31.1671, 34.6273**, and if you desaturate by 10%, it is **42.8695, 44.5376, 48.6379**.

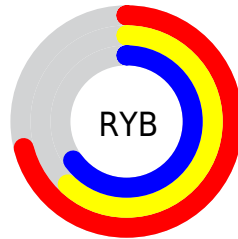
Distribution



Red (71%)

Green (62%)

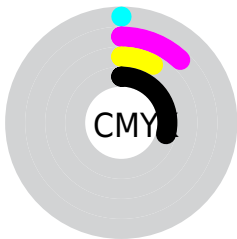
Blue (65%)



Red (71%)

Yellow (62%)

Blue (65%)

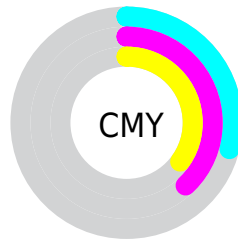


Cyan (0%)

Magenta (12%)

Yellow (8%)

Black (29%)



Cyan (29%)

Magenta (38%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.3371, 37.3732, 41.2696 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 38.3371, 37.3732, 41.2696 by changing the saturation by 10% instead.

■ 38.3371, 37.3732,
41.2696

■ 38.3371, 37.3732,
41.2696

330.3197,
334.9235, 367.1561

■ 26.4228, 25.4966,
28.2085

■ 71.9251, 71.1464,
78.3511

■ 17.2746, 16.4474,
18.2425

■ 94.3295, 93.8118,
103.2086

■ 10.5270, 9.8413,
10.9530

120.9614,
120.8422, 132.8353

■ 5.8147, 5.2939,
5.9215

152.1861,
152.6220, 167.6498

■ 2.7723, 2.4207,
2.7294

188.3689,
189.5356, 208.0706

■ 1.0345, 0.8365,
0.9582

229.8752,

■ 0.0000, 0.0000,

231.9675, 254.5162

0.0000

277.0704,
280.3020, 307.4052

■ 38.3371, 37.3732,
41.2696

■ 38.3371, 37.3732,
41.2696

■ 34.3713, 31.1671,
34.6273

■ 42.8695, 44.5376,
48.6379

■ 30.9462, 25.8737,
28.6858

■ 47.9867, 52.6936,
56.7512

■ 28.0384, 21.4511,
23.4223

■ 53.7101, 61.8789,
65.6311

■ 25.6217, 17.8520,
18.8114

■ 60.0591, 72.1279,
75.2973

■ 23.6673, 15.0247,
14.8262

■ 67.0521, 83.4732,
85.7690

■ 22.1436, 12.9115,
11.4378

■ 70.5529, 87.6385,
95.6798

■ 21.0143, 11.4466,
8.6146

■ 72.4503, 88.3975,
105.6717

■ 20.2370, 10.5518,
6.3213

■ 72.8662, 88.5638,
107.8618

■ 19.8092, 10.1250,
4.8567

Harmonies

Analogous

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



37.8470, 37.3732, 45.2814



38.3371, 37.3732, 41.2696



38.0564, 37.3732, 37.3567

Triad

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



38.3371, 37.3732, 41.2696



34.3372, 37.3732, 34.0050



33.9990, 37.3732, 47.5655

Complementary

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



38.3371, 37.3732, 41.2696



38.4633, 43.4756, 46.4108

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.



33.1029, 37.3732, 44.2224



38.3371, 37.3732, 41.2696



33.2944, 37.3732, 36.4257

Square

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



38.3371, 37.3732, 41.2696



35.7228, 37.3732, 33.3301



32.8484, 37.3732, 40.1219



35.3221, 37.3732, 49.0676

Rectangle

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



38.3371, 37.3732, 41.2696



37.4739, 37.3732, 35.2999



32.8484, 37.3732, 40.1219



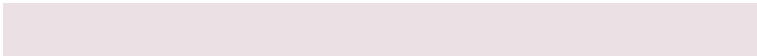
33.6393, 37.3732, 46.6093

Sweetspot

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



38.3382, 37.3748, 41.2704



75.1442, 77.1741, 84.4807



38.1213, 37.0947, 48.8672



16.1061, 16.4658, 18.0410



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.



38.3382, 37.3748, 41.2704



66.3551, 63.3132, 70.0912



38.3534, 38.4047, 38.1943



8.6040, 8.5483, 9.4134



13.6843, 6.9913, 3.4973



0.4578, 0.2309, 0.2534

Inverse Universe

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



38.3382, 37.3748, 41.2704



66.3551, 63.3132, 70.0912



38.4278, 42.2843, 49.8528



8.6040, 8.5483, 9.4134



13.6843, 6.9913, 3.4973



0.4578, 0.2309, 0.2534

Previews

White Background



This preview shows how the XYZ color 38.3371, 37.3732, 41.2696 looks on a white background.

Color Contrast Check

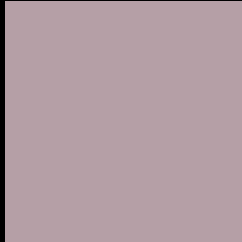
Large Text (above 18pt) WCAG AA × Fail

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 38.3371, 37.3732, 41.2696 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 38.3371, 37.3732, 41.2696

Background



This preview shows how black text looks on a background with the XYZ color 38.3371, 37.3732, 41.2696.



This preview shows how white text looks on a background with the XYZ color 38.3371, 37.3732,

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

38.3371, 37.3732, 41.2696

Protanopia

36.1628, 37.5225, 42.8727

Deuteranopia

38.1035, 37.2527, 41.2586



Tritanopia

38.8689, 37.3391, 43.6866

Trichromacy



Original Color

38.3371, 37.3732, 41.2696

Protanomaly

36.7828, 37.3257, 42.3117

Deuteranomaly

38.1035, 37.2527, 41.2586

Tritanomaly

38.6797, 37.2634, 42.6900

Monochromacy



Original Color

38.3371, 37.3732, 41.2696

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.7747, 37.6055, 41.3967

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.3371, 37.3732, 41.2696 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, 166)` looks like.

```
.text, #text, p{  
    color:rgb(181, 159, 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(181, 159, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 159, 166) }
```

Border

The CSS property to change the border of an element to XYZ 38.3371, 37.3732, 41.2696 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, 166) }
```


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

```
.border{ border-color:rgb(181, 159, 166) }
```

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, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 159, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 159, 166);  
box-shadow:4px 4px 4px 4px rgb(181, 159,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 38.3371, 37.3732, 41.2696 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, 166) }
```

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

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