

Converting Colors

XYZ(38.5946, 37.4942, 42.1568)

Have a look what the booklet for
XYZ(38.5946, 37.4942, 42.1568)
contains.

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Color

**XYZ(38.5221, 37.4472,
42.2435)**

Conversions

Conversions Part 1

Format	Color
Hex	B59FA8
RGB	181, 159, 168
RGB Percent	71%, 62%, 66%
CMY	0.2902, 0.3765, 0.3412
CMYK	0.00, 0.12, 0.07, 0.29
HSL	335°, 13%, 67%
HSV	335°, 12%, 71%
XYZ	38.5221, 37.4472, 42.2435
YIQ	166.6040, 10.2230, 7.4630

Conversions

Conversions Part 2

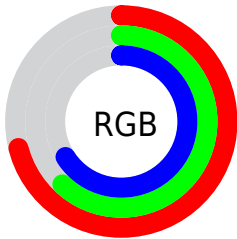
Format	Color
R_{YB}	181, 159, 168
Decimal	11902888
CIE Lab	67.61, 9.63, -1.71
CIE LCh	68, 9.780, 349.919
Yxy	37.4472, 0.3259, 0.3168
Android (android.graphics.Color)	4290092968 (0xFFB59FA8)
YUV	166.6040, 0.6882, 12.6253
Hunter-Lab	61.1941, 5.2772, 1.9068

Details

The XYZ color **38.5221, 37.4472, 42.2435** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.2698, 43.3983, 45.3915**, and the grayscale version is **36.5322, 38.4348, 41.8554**.

A 20% lighter version of the original color is **72.2909, 71.4254, 79.7884**, and **17.4170, 16.5753, 18.8044** is the 20% darker color. If you saturate the color by 10%, you get **34.6789, 31.2901, 36.2464**, and if you desaturate by 10%, it is **42.9053, 44.5519, 48.8260**.

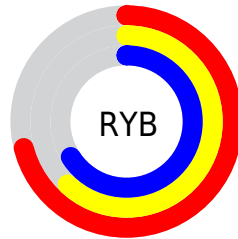
Distribution



Red (71%)

Green (62%)

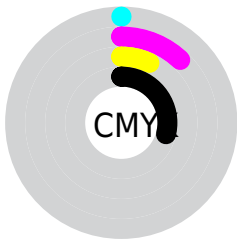
Blue (66%)



Red (71%)

Yellow (62%)

Blue (66%)

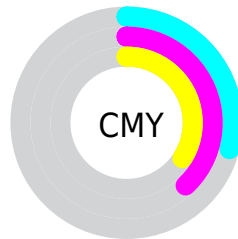


Cyan (0%)

Magenta (12%)

Yellow (7%)

Black (29%)



Cyan (29%)

Magenta (38%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.5221, 37.4472, 42.2435 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 38.5221, 37.4472, 42.2435 by changing the saturation by 10% instead.

■ 38.5221, 37.4472,
42.2435

■ 38.5221, 37.4472,
42.2435

331.0966,
335.2426, 371.3207

■ 26.5672, 25.5539,
28.9650

■ 72.2064, 71.2600,
79.8421

■ 17.3834, 16.4902,
18.8090

■ 94.6666, 93.9484,
104.9993

■ 10.6052, 9.8717,
11.3569

121.3592,
121.0039, 134.9531

■ 5.8673, 5.3140,
6.1903

152.6496,
152.8110, 170.1221

■ 2.8045, 2.4326,
2.8905

188.9032,
189.7540, 210.9248

■ 1.0512, 0.8426,
1.0390

230.4854,

■ 0.0000, 0.0000,

232.2173, 257.7798

0.0000

277.7614,
280.5854, 311.1056

■ 38.5221, 37.4472,
42.2435

■ 38.5221, 37.4472,
42.2435

■ 34.6789, 31.2901,
36.2464

■ 42.9053, 44.5519,
48.8260

■ 31.3506, 26.0355,
30.8154

■ 47.8455, 52.6371,
56.0076

■ 28.5153, 21.6419,
25.9334

■ 53.3634, 61.7402,
63.8046

■ 26.1478, 18.0624,
21.5817

■ 59.4771, 71.8951,
72.2320

■ 24.2207, 15.2460,
17.7402

■ 66.2043, 83.1342,
81.3040

■ 22.7037, 13.1356,
14.3873

■ 69.4078, 87.1805,
89.6499

■ 21.5622, 11.6658,
11.4995

■ 70.9759, 87.8077,
97.9071

■ 20.7553, 10.7591,
9.0505

■ 72.6381, 88.4726,
106.6600

■ 20.2934, 10.3187,
7.4061

■ 72.8663, 88.5639,
107.8618

Harmonies

Analogous

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



37.8558, 37.4472, 46.3534



38.5221, 37.4472, 42.2435



38.3867, 37.4472, 38.0114

Triad

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



38.5221, 37.4472, 42.2435



34.6144, 37.4472, 33.4589



33.7592, 37.4472, 47.4581

Complementary

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



38.5221, 37.4472, 42.2435



38.2698, 43.3983, 45.3915

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.



32.9372, 37.4472, 43.6666



38.5221, 37.4472, 42.2435



33.4212, 37.4472, 35.6606

Square

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



38.5221, 37.4472, 42.2435



36.1020, 37.4472, 33.1371



32.8152, 37.4472, 39.3383



35.0877, 37.4472, 49.5016

Rectangle

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



38.5221, 37.4472, 42.2435



37.8613, 37.4472, 35.6771



32.8152, 37.4472, 39.3383



33.4161, 37.4472, 46.3338

Sweetspot

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



38.5232, 37.4488, 42.2443



75.2631, 77.2216, 85.1068



37.7167, 36.8861, 48.8484



16.1363, 16.4779, 18.2001



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.



38.5232, 37.4488, 42.2443



66.7594, 63.4749, 72.2197



38.0312, 37.7602, 38.0869



8.6356, 8.5610, 9.5797



14.0223, 7.1265, 5.2775



0.4705, 0.2359, 0.3203

Inverse Universe

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



38.5232, 37.4488, 42.2443



66.7594, 63.4749, 72.2197



38.7933, 43.0152, 49.9747



8.6356, 8.5610, 9.5797



14.0223, 7.1265, 5.2775



0.4705, 0.2359, 0.3203

Previews

White Background



This preview shows how the XYZ color 38.5221, 37.4472, 42.2435 looks on a white background.

Color Contrast Check

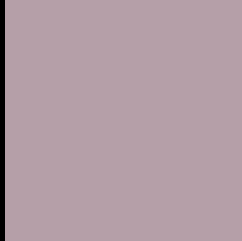
Large Text (above 18pt) WCAG AA × Fail

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 38.5221, 37.4472, 42.2435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

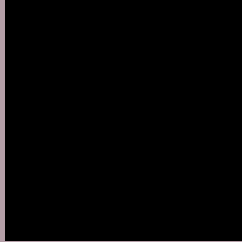
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.5221, 37.4472, 42.2435

Background



This preview shows how black text looks on a background with the XYZ color 38.5221, 37.4472, 42.2435.



This preview shows how white text looks on a background with the XYZ color 38.5221, 37.4472,

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

38.5221, 37.4472, 42.2435

Protanopia

36.3520, 37.5982, 43.8693

Deuteranopia

38.2291, 37.5525, 42.2792



Tritanopia

38.8049, 37.5603, 43.7327

Trichromacy



Original Color

38.5221, 37.4472, 42.2435

Protanomaly

36.9706, 37.4009, 43.3007

Deuteranomaly

38.4611, 37.6721, 42.2901

Tritanomaly

38.7099, 37.5223, 43.2325

Monochromacy



Original Color

38.5221, 37.4472, 42.2435

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

37.2638, 38.1116, 41.9515

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.5221, 37.4472, 42.2435 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, 168)` looks like.

```
.text, #text, p{  
    color:rgb(181, 159, 168)  
}
```

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, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 159, 168) }
```

Border

The CSS property to change the border of an element to XYZ 38.5221, 37.4472, 42.2435 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, 168) }
```


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

```
.border{ border-color:rgb(181, 159, 168) }
```

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, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 159, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 159, 168); box-shadow:4px 4px 4px 4px rgb(181, 159, 168) }
```

Background

The CSS property to change the background color of an element to XYZ 38.5221, 37.4472, 42.2435 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, 168) }
```

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

```
.background{ background-color: rgb(181,  
159, 168) }
```

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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