

Converting Colors

XYZ(42.3422, 37.9198, 70.5671)

Have a look what the booklet for
XYZ(42.3422, 37.9198, 70.5671)
contains.

XYZ(42.5443, 38.1338, 70.7639)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(42.5443, 38.1338,
70.7639)**

Conversions

Conversions Part 1

Format	Color
Hex	B19CD9
RGB	177, 156, 217
RGB Percent	69%, 61%, 85%
CMY	0.3059, 0.3882, 0.1490
CMYK	0.18, 0.28, 0.00, 0.15
HSL	261°, 45%, 73%
HSV	261°, 28%, 85%
XYZ	42.5443, 38.1338, 70.7639
YIQ	169.2330, -7.0650, 23.4230

Conversions

Conversions Part 2

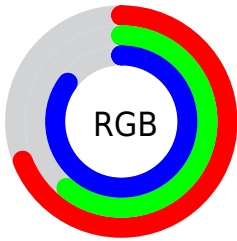
Format	Color
RYB	177, 156, 217
Decimal	11640025
CIELab	68.12, 19.89, -28.21
CIELCh	68, 34.516, 305.195
Yxy	38.1338, 0.2809, 0.2518
Android (android.graphics.Color)	4289830105 (0xFFB19CD9)
YUV	169.2330, 23.5491, 6.8117
Hunter-Lab	61.7526, 14.9102, -24.7152

Details

The XYZ color **42.5443, 38.1338, 70.7639** is a light color, and the websafe version is hex **9999CC**, and the color name is **light pastel purple**. A complement of this color would be **53.5798, 63.7627, 40.9376**, and the grayscale version is **37.7180, 39.6823, 43.2140**.

A 20% lighter version of the original color is **74.9485, 71.1322, 104.3874**, and **19.8853, 16.9969, 36.4151** is the 20% darker color. If you saturate the color by 10%, you get **36.1493, 29.9066, 69.5136**, and if you desaturate by 10%, it is **49.9303, 47.8393, 72.2486**.

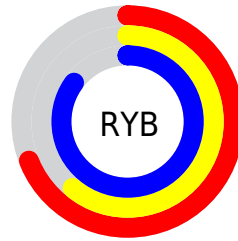
Distribution



Red (69%)

Green (61%)

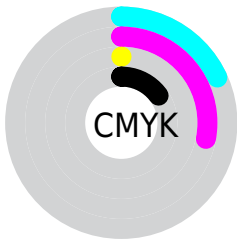
Blue (85%)



Red (69%)

Yellow (61%)

Blue (85%)

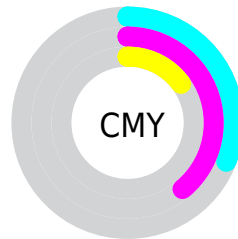


Cyan (18%)

Magenta (28%)

Yellow (0%)

Black (15%)



Cyan (31%)

Magenta (39%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.5443, 38.1338, 70.7639 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 42.5443, 38.1338, 70.7639 by changing the saturation by 10% instead.

■ 42.5443, 38.1338,
70.7639

■ 42.5443, 38.1338,
70.7639

347.6877,
338.1936, 482.0891

■ 29.7207, 26.0866,
51.6689

■ 78.2827, 72.3132,
121.9888

■ 19.7737, 16.8884,
36.3608

■ 101.9283, 95.2141,
154.9558

■ 12.3380, 10.1550,
24.4211

129.9119,
122.5017, 193.3838

■ 7.0481, 5.5018,
15.4312

162.5989,
154.5603, 237.6915

■ 3.5388, 2.5446,
8.9726

200.3546,
191.7745, 288.2973

■ 1.4447, 0.8989,
4.6267

243.5444,

■ 0.2877, 0.0000,

234.5285, 345.6198

1.9751

292.5336,
283.2067, 410.0775

■ 0.0000, 0.0000,
0.5399

■ 0.0000, 0.0000,
0.0000

■ 42.5443, 38.1338,
70.7639

■ 42.5443, 38.1338,
70.7639

■ 36.1493, 29.9066,
69.5136

■ 49.9303, 47.8393,
72.2486

■ 30.6966, 23.0784,
68.4830

■ 58.3454, 59.0877,
73.9762

■ 26.1388, 17.5695,
67.6599

■ 67.8304, 71.9452,
75.9581

■ 22.4224, 13.2901,
67.0297

■ 78.4224, 86.4729,
78.2039

■ 19.4877, 10.1385,
66.5761

■ 87.0495, 96.5139,
79.6873

■ 17.2657, 7.9959,
66.2796

■ 89.5245, 97.7898,
79.8032

■ 15.6615, 6.6931,
66.1127

■ 15.4030, 6.4937,
66.0879

Harmonies

Analogous

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



37.1903, 38.1338, 78.5945



42.5443, 38.1338, 70.7639



46.4765, 38.1338, 55.2414

Triad

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



42.5443, 38.1338, 70.7639



40.7634, 38.1338, 20.0062



26.8828, 38.1338, 44.2636

Complementary

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



42.5443, 38.1338, 70.7639



53.5798, 63.7627, 40.9376

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.



27.6375, 38.1338, 30.2846



42.5443, 38.1338, 70.7639



35.3159, 38.1338, 18.4426

Square

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



42.5443, 38.1338, 70.7639



45.3791, 38.1338, 26.6717



30.6004, 38.1338, 21.7016



28.4271, 38.1338, 61.0581

Rectangle

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



42.5443, 38.1338, 70.7639



47.5692, 38.1338, 44.0544



30.6004, 38.1338, 21.7016



26.8778, 38.1338, 39.0871

Sweetspot

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



42.5456, 38.1354, 70.7648



84.1325, 85.2184, 106.6223



46.1266, 51.8602, 73.2252



17.5926, 17.6817, 22.7356



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



42.5456, 38.1354, 70.7648



55.4355, 47.3619, 100.8277



50.0996, 42.0296, 71.1183



12.7592, 12.8340, 16.4569



9.4266, 3.9838, 40.0105



0.7015, 0.3049, 2.5963

Inverse Universe

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



50.4687, 42.5157, 57.7724



68.9096, 54.8208, 78.2934



46.5757, 60.1520, 40.6099



13.4140, 13.1947, 15.4415



20.3428, 10.1381, 16.7169



1.3578, 0.6728, 1.2932

Previews

White Background



This preview shows how the XYZ color 42.5443, 38.1338, 70.7639 looks on a white background.

Color Contrast Check

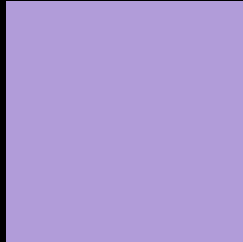
Large Text (above 18pt) WCAG AA × Fail

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 42.5443, 38.1338, 70.7639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

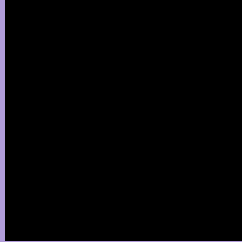
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.5443, 38.1338, 70.7639

Background



This preview shows how black text looks on a background with the XYZ color 42.5443, 38.1338, 70.7639.



This preview shows how white text looks on a background with the XYZ color 42.5443, 38.1338,

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

42.5443, 38.1338, 70.7639

Protanopia

38.9892, 38.2682, 75.1436

Deuteranopia

39.2022, 38.2202, 70.2768



Tritanopia

37.7888, 38.2713, 46.9904

Trichromacy



Original Color

42.5443, 38.1338, 70.7639

Protanomaly

40.0941, 38.0811, 73.6438

Deuteranomaly

40.2753, 37.9920, 70.1762

Tritanomaly

39.4929, 38.1797, 55.1571

Monochromacy



Original Color

42.5443, 38.1338, 70.7639

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

39.1516, 38.8667, 51.8929

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.5443, 38.1338, 70.7639 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(177, 156, 217)` looks like.

```
.text, #text, p{  
    color:rgb(177, 156, 217)  
}
```

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(177, 156, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 156, 217) }
```

Border

The CSS property to change the border of an element to XYZ 42.5443, 38.1338, 70.7639 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(177, 156, 217) }
```


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

```
.border{ border-color:rgb(177, 156, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 156, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 156, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 156, 217);  
box-shadow:4px 4px 4px 4px rgb(177, 156,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 42.5443, 38.1338, 70.7639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 156, 217) }
```

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

```
.background{ background-color: rgb(177,  
156, 217) }
```

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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