

Converting Colors

XYZ(41.1444, 38.4100, 59.1167)

Have a look what the booklet for
XYZ(41.1444, 38.4100, 59.1167)
contains.

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Color

**XYZ(41.2973, 38.5035,
59.2881)**

Conversions

Conversions Part 1

Format	Color
Hex	B39FC7
RGB	179, 159, 199
RGB Percent	70%, 62%, 78%
CMY	0.2980, 0.3765, 0.2196
CMYK	0.10, 0.20, 0.00, 0.22
HSL	270°, 26%, 70%
HSV	270°, 20%, 78%
XYZ	41.2973, 38.5035, 59.2881
YIQ	169.5400, -0.9200, 16.6800

Conversions

Conversions Part 2

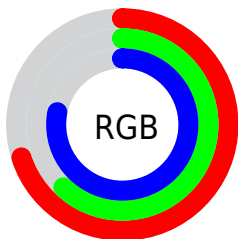
Format	Color
RYB	179, 159, 199
Decimal	11771847
CIELab	68.39, 14.95, -17.82
CIELCh	68, 23.260, 310.003
Yxy	38.5035, 0.2969, 0.2768
Android (android.graphics.Color)	4289961927 (0xFFB39FC7)
YUV	169.5400, 14.5238, 8.2964
Hunter-Lab	62.0512, 10.2086, -13.2140

Details

The XYZ color **41.2973, 38.5035, 59.2881** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **45.2732, 52.9347, 40.6340**, and the grayscale version is **37.9112, 39.8855, 43.4353**.

A 20% lighter version of the original color is **76.3575, 72.9753, 104.6689**, and **19.0776, 17.2051, 29.1035** is the 20% darker color. If you saturate the color by 10%, you get **35.9297, 31.0596, 58.1348**, and if you desaturate by 10%, it is **47.3842, 47.1380, 60.6345**.

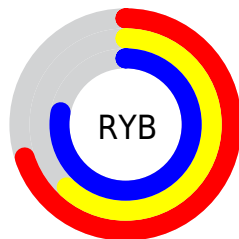
Distribution



Red (70%)

Green (62%)

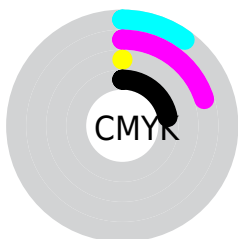
Blue (78%)



Red (70%)

Yellow (62%)

Blue (78%)

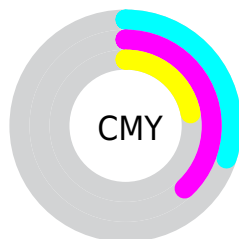


Cyan (10%)

Magenta (20%)

Yellow (0%)

Black (22%)



Cyan (30%)

Magenta (38%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.2973, 38.5035, 59.2881 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 41.2973, 38.5035, 59.2881 by changing the saturation by 10% instead.

■ 41.2973, 38.5035,
59.2881

■ 41.2973, 38.5035,
59.2881

342.6030,
339.7749, 439.7003

■ 28.7402, 26.3737,
42.4235

■ 76.4069, 72.8792,
105.3295

■ 19.0276, 17.1034,
29.1050

■ 99.6900, 95.8939,
135.3434

■ 11.7944, 10.3083,
18.9140

127.2792,
123.3057, 170.5776

■ 6.6750, 5.6038,
11.4320

159.5397,
155.4990, 211.4505

■ 3.3042, 2.6057,
6.2404

196.8370,
192.8582, 258.3806

■ 1.3166, 0.9295,
2.9206

239.5365,

■ 0.1956, 0.0000,

235.7676, 311.7867

1.0543

288.0033,
284.6118, 372.0870

■ 0.0000, 0.0000,
0.0000

■ 41.2973, 38.5035,
59.2881

■ 41.2973, 38.5035,
59.2881

■ 35.9297, 31.0596,
58.1348

■ 47.3842, 47.1380,
60.6345

■ 31.2480, 24.7470,
57.1631

■ 54.2147, 57.0092,
62.1798

■ 27.2214, 19.5086,
56.3642

■ 61.8163, 68.1664,
63.9327

■ 23.8149, 15.2801,
55.7276

■ 70.2141, 80.6548,
65.9006

■ 20.9900, 11.9901,
55.2414

■ 78.3036, 92.2612,
67.7145

■ 18.7031, 9.5576,
54.8924

■ 81.5659, 93.9429,
67.8672

■ 16.9034, 7.8868,
54.6648

■ 85.0131, 95.7200,
68.0285

■ 15.5088, 6.8042,
54.5293

■ 87.3089, 96.9036,
68.1360

Harmonies

Analogous

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



37.8294, 38.5035, 65.0047



41.2973, 38.5035, 59.2881



43.5979, 38.5035, 49.1823

Triad

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



41.2973, 38.5035, 59.2881



39.0501, 38.5035, 25.7263



30.1090, 38.5035, 45.5138

Complementary

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



41.2973, 38.5035, 59.2881



45.2732, 52.9347, 40.6340

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.



30.3878, 38.5035, 35.4170



41.2973, 38.5035, 59.2881



35.3905, 38.5035, 25.0771

Square

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



41.2973, 38.5035, 59.2881



42.2418, 38.5035, 30.2820



32.2665, 38.5035, 28.3314



31.4778, 38.5035, 56.2218

Rectangle

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



41.2973, 38.5035, 59.2881



44.0753, 38.5035, 41.9229



32.2665, 38.5035, 28.3314



30.0154, 38.5035, 41.9246

Sweetspot

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



41.2985, 38.5051, 59.2889



87.6030, 89.2015, 107.2082



40.8623, 44.0040, 60.3733



18.5835, 18.8518, 22.9093



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.



41.2985, 38.5051, 59.2889



68.1614, 61.6256, 102.9102



46.0847, 40.9725, 59.5129



10.5534, 10.5436, 13.3964



10.0734, 4.4273, 35.0680



0.5605, 0.2527, 1.6644

Inverse Universe

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



44.0893, 40.1947, 48.0843



73.9964, 65.1582, 79.4836



41.1134, 50.7903, 40.4393



10.8513, 10.7239, 12.2004



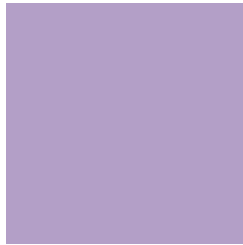
16.6532, 8.4108, 8.6496



0.8251, 0.4129, 0.6021

Previews

White Background



This preview shows how the XYZ color 41.2973, 38.5035, 59.2881 looks on a white background.

Color Contrast Check

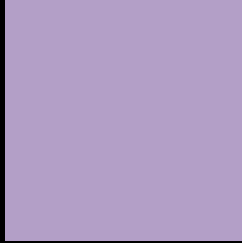
Large Text (above 18pt) WCAG AA × Fail

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 41.2973, 38.5035, 59.2881 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 41.2973, 38.5035, 59.2881

Background



This preview shows how black text looks on a background with the XYZ color 41.2973, 38.5035, 59.2881.



This preview shows how white text looks on a background with the XYZ color 41.2973, 38.5035,

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

41.2973, 38.5035, 59.2881

Protanopia

38.3352, 38.4912, 61.9090

Deuteranopia

39.4387, 38.5964, 58.7973



Tritanopia

38.6129, 38.4429, 46.4594

Trichromacy



Original Color

41.2973, 38.5035, 59.2881

Protanomaly

39.4837, 38.5656, 61.2400

Deuteranomaly

40.1266, 38.6885, 58.7788

Tritanomaly

39.4766, 38.5315, 50.7041

Monochromacy



Original Color

41.2973, 38.5035, 59.2881

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

39.2103, 39.4929, 49.2723

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2973, 38.5035, 59.2881 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(179, 159, 199)` looks like.

```
.text, #text, p{  
    color:rgb(179, 159, 199)  
}
```

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(179, 159, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 159, 199) }
```

Border

The CSS property to change the border of an element to XYZ 41.2973, 38.5035, 59.2881 is called "border". The border property can be set on classes, ids or directly on the HTML element.

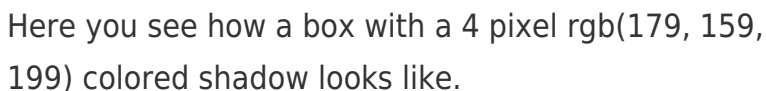
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(179, 159, 199) }
```


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

```
.border{ border-color:rgb(179, 159, 199) }
```

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



Here you see how a box with a 4 pixel `rgb(179, 159, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 159, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 159, 199);  
box-shadow:4px 4px 4px 4px rgb(179, 159,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2973, 38.5035, 59.2881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 159, 199) }
```

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

```
.background{ background-color: rgb(179,  
159, 199) }
```

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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