

Converting Colors

XYZ(42.9482, 39.8843, 58.8655)

Have a look what the booklet for
XYZ(42.9482, 39.8843, 58.8655)
contains.

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Color

**XYZ(42.9455, 39.8812,
58.8605)**

Conversions

Conversions Part 1

Format	Color
Hex	B9A1C6
RGB	185, 161, 198
RGB Percent	73%, 63%, 78%
CMY	0.2745, 0.3686, 0.2235
CMYK	0.07, 0.19, 0.00, 0.22
HSL	279°, 25%, 70%
HSV	279°, 19%, 78%
XYZ	42.9455, 39.8812, 58.8605
YIQ	172.3940, 2.4270, 16.5950

Conversions

Conversions Part 2

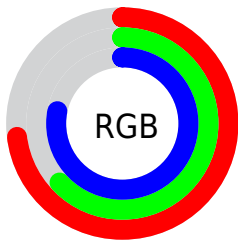
Format	Color
RYB	185, 161, 198
Decimal	12165574
CIELab	69.38, 15.64, -15.71
CIELCh	69, 22.164, 314.868
Yxy	39.8812, 0.3031, 0.2815
Android (android.graphics.Color)	4290355654 (0xFFB9A1C6)
YUV	172.3940, 12.6238, 11.0555
Hunter-Lab	63.1516, 10.8717, -11.0552

Details

The XYZ color **42.9455, 39.8812, 58.8605** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **44.0840, 51.9611, 41.4261**, and the grayscale version is **39.3504, 41.3997, 45.0843**.

A 20% lighter version of the original color is **78.8815, 75.0325, 104.9330**, and **20.0184, 17.8564, 28.7771** is the 20% darker color. If you saturate the color by 10%, you get **38.1185, 32.6575, 57.7212**, and if you desaturate by 10%, it is **48.4050, 48.2465, 60.1880**.

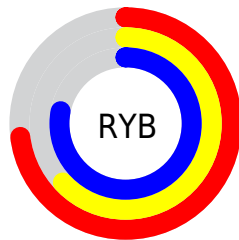
Distribution



Red (73%)

Green (63%)

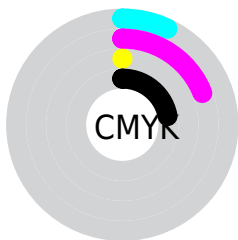
Blue (78%)



Red (73%)

Yellow (63%)

Blue (78%)

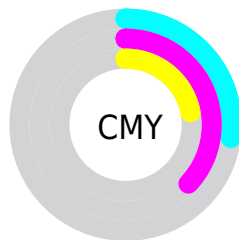


Cyan (7%)

Magenta (19%)

Yellow (0%)

Black (22%)



Cyan (27%)


Magenta (37%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.9455, 39.8812, 58.8605 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 42.9455, 39.8812, 58.8605 by changing the saturation by 10% instead.


 42.9455, 39.8812,
58.8605

 42.9455, 39.8812,
58.8605


349.3129,
345.6226, 438.0722

 30.0367, 27.4459,
42.0816


 78.8848, 74.9826,
104.7020

 20.0147, 17.9084,
28.8391


 102.6461, 98.4175,
134.6017

 12.5140, 10.8843,
18.7146


130.7555,
126.2877, 169.7120

 7.1694, 5.9891,
11.2895

163.5785,
158.9776, 210.4515

 3.6156, 2.8384,
6.1453

201.4803,
196.8717, 257.2387

 1.4870, 1.0480,
2.8634

244.8265,

 0.3170, 0.0000,

240.3543, 310.4922

1.0253

293.9822,
289.8098, 370.6306

■ 0.0000, 0.0000,
0.0000

■ 42.9455, 39.8812,
58.8605

■ 42.9455, 39.8812,
58.8605

■ 38.1185, 32.6575,
57.7212

■ 48.4050, 48.2465,
60.1880

■ 33.8934, 26.5181,
56.7589

■ 54.5185, 57.7969,
61.7092

■ 30.2425, 21.4087,
55.9651

■ 61.3109, 68.5798,
63.4325

■ 27.1342, 17.2678,
55.3296

■ 68.8047, 80.6386,
65.3651

■ 24.5335, 14.0275,
54.8413

■ 75.4039, 90.7797,
66.9748

■ 22.4010, 11.6105,
54.4871

■ 77.5510, 91.8865,
67.0752

■ 20.6904, 9.9262,
54.2522

■ 79.7867, 93.0391,
67.1799

■ 19.3272, 8.8280,
54.1121

■ 82.1121, 94.2379,
67.2887

■ 19.1602, 8.6999,
54.0961

■ 84.5282, 95.4834,
67.4018

Harmonies

Analogous

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



39.6905, 39.8812, 65.2729



42.9455, 39.8812, 58.8605



44.9087, 39.8812, 48.7476

Triad

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



42.9455, 39.8812, 58.8605



39.7218, 39.8812, 27.1089



31.6645, 39.8812, 48.6536

Complementary

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



42.9455, 39.8812, 58.8605



44.0840, 51.9611, 41.4261

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.



31.6718, 39.8812, 38.5026



42.9455, 39.8812, 58.8605



36.1756, 39.8812, 27.0918

Square

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



42.9455, 39.8812, 58.8605



42.9697, 39.8812, 31.0046



33.2768, 39.8812, 30.9537



33.2564, 39.8812, 58.7825

Rectangle

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



42.9455, 39.8812, 58.8605



45.1473, 39.8812, 41.7805



33.2768, 39.8812, 30.9537



31.4834, 39.8812, 45.1097

Sweetspot

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



42.9467, 39.8829, 58.8614



88.4116, 89.6183, 107.2460



40.1383, 42.1474, 59.4465



18.7747, 18.9504, 22.9182



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.



42.9467, 39.8829, 58.8614



72.8067, 65.7322, 103.4580



45.6678, 41.3504, 56.0664



10.7075, 10.6230, 13.4036



12.5557, 5.7070, 35.1842



0.6708, 0.3096, 1.6695

Inverse Universe

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



43.6749, 40.5532, 45.5718



74.3755, 67.1549, 75.7922



41.7702, 50.7170, 43.6339



10.7852, 10.6975, 11.8521



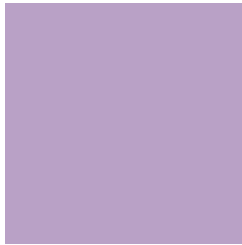
15.8923, 8.1065, 4.6429



0.7869, 0.3976, 0.4008

Previews

White Background



This preview shows how the XYZ color 42.9455, 39.8812, 58.8605 looks on a white background.

Color Contrast Check

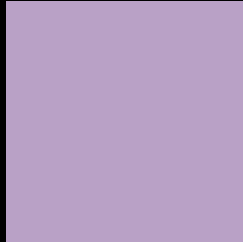
Large Text (above 18pt) WCAG AA × Fail

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 42.9455, 39.8812, 58.8605 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

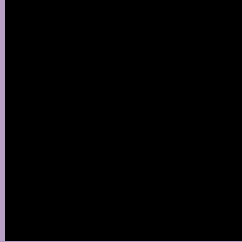
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.9455, 39.8812, 58.8605

Background



This preview shows how black text looks on a background with the XYZ color 42.9455, 39.8812, 58.8605.



This preview shows how white text looks on a background with the XYZ color 42.9455, 39.8812,

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

42.9455, 39.8812, 58.8605

Protanopia

39.6824, 39.9984, 62.1289

Deuteranopia

40.7668, 39.8257, 58.3618



Tritanopia

40.7824, 40.0697, 47.7042

Trichromacy



Original Color

42.9455, 39.8812, 58.8605

Protanomaly

40.5753, 39.6734, 60.7775

Deuteranomaly

41.4850, 39.9292, 58.3439

Tritanomaly

41.5609, 40.1210, 51.4526

Monochromacy



Original Color

42.9455, 39.8812, 58.8605

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

40.4746, 40.6886, 49.4365

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.9455, 39.8812, 58.8605 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(185, 161, 198)` looks like.

```
.text, #text, p{  
    color:rgb(185, 161, 198)  
}
```

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(185, 161, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 161, 198) }
```

Border

The CSS property to change the border of an element to XYZ 42.9455, 39.8812, 58.8605 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(185, 161, 198) }
```


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

```
.border{ border-color:rgb(185, 161, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 161, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 161, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 161, 198);  
box-shadow:4px 4px 4px 4px rgb(185, 161,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 42.9455, 39.8812, 58.8605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 161, 198) }
```

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

```
.background{ background-color: rgb(185,  
161, 198) }
```

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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