

Converting Colors

XYZ(40.0618, 38.6979, 58.9296)

Have a look what the booklet for
XYZ(40.0618, 38.6979, 58.9296)
contains.

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Color

**XYZ(39.9080, 38.5758,
58.7686)**

Conversions

Conversions Part 1

Format	Color
Hex	ABA2C6
RGB	171, 162, 198
RGB Percent	67%, 64%, 78%
CMY	0.3294, 0.3647, 0.2235
CMYK	0.14, 0.18, 0.00, 0.22
HSL	255°, 24%, 71%
HSV	255°, 18%, 78%
XYZ	39.9080, 38.5758, 58.7686
YIQ	168.7950, -6.1920, 13.1040

Conversions

Conversions Part 2

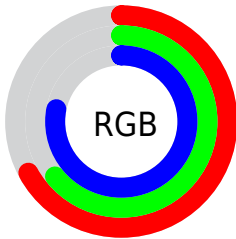
Format	Color
R_{YB}	171, 162, 198
Decimal	11248326
CIE _{Lab}	68.44, 10.43, -17.25
CIE _{LCh}	68, 20.156, 301.160
Yxy	38.5758, 0.2908, 0.2811
Android (android.graphics.Color)	4289438406 (0xFFABA2C6)
YUV	168.7950, 14.3981, 1.9338
Hunter-Lab	62.1094, 6.0025, -12.6242

Details

The XYZ color **39.9080, 38.5758, 58.7686** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **47.7032, 53.8166, 42.0576**, and the grayscale version is **37.5451, 39.5004, 43.0159**.

A 20% lighter version of the original color is **74.5414, 73.1766, 104.8035**, and **18.0812, 17.0170, 28.7172** is the 20% darker color. If you saturate the color by 10%, you get **33.6361, 30.5670, 57.5539**, and if you desaturate by 10%, it is **47.0949, 47.8735, 60.1851**.

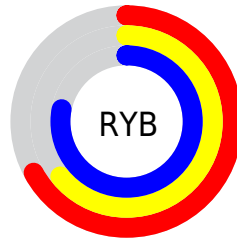
Distribution



Red (67%)

Green (64%)

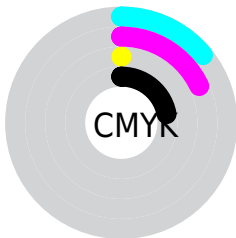
Blue (78%)



Red (67%)

Yellow (64%)

Blue (78%)

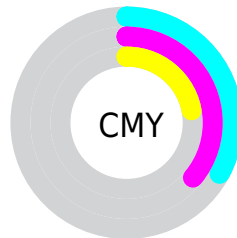


Cyan (14%)

Magenta (18%)

Yellow (0%)

Black (22%)



Cyan (33%)

Magenta (36%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.9080, 38.5758, 58.7686 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 39.9080, 38.5758, 58.7686 by changing the saturation by 10% instead.

■ 39.9080, 38.5758,
58.7686

■ 39.9080, 38.5758,
58.7686

336.8767,
340.0836, 437.7218

■ 27.6507, 26.4299,
42.0081

■ 74.3086, 72.9898,
104.5671

■ 18.2016, 17.1455,
28.7820

■ 97.1827, 96.0267,
134.4421

■ 11.1954, 10.3383,
18.6718

124.3264,
123.4628, 169.5258

■ 6.2667, 5.6238,
11.2590

156.1050,
155.6823, 210.2366

■ 3.0501, 2.6177,
6.1249

192.8841,
193.0698, 256.9930

■ 1.1803, 0.9356,
2.8512

235.0288,

■ 0.0907, 0.0000,

236.0096, 310.2137

1.0192

282.9045,
284.8860, 370.3171

■ 0.0000, 0.0000,
0.0000

■ 39.9080, 38.5758,
58.7686

■ 39.9080, 38.5758,
58.7686

■ 33.6361, 30.5670,
57.5539

■ 47.0949, 47.8735,
60.1851

■ 28.2381, 23.7848,
56.5293

■ 55.2286, 58.5091,
61.8092

■ 23.6748, 18.1690,
55.6859

■ 64.3437, 70.5349,
63.6500

■ 19.9026, 13.6523,
55.0129

■ 74.4721, 83.9988,
65.7150

■ 16.8739, 10.1603,
54.4985

■ 83.6985, 95.0557,
67.3629

■ 14.5353, 7.6091,
54.1293

■ 87.1932, 96.8573,
67.5265

■ 12.8256, 5.9012,
53.8898

■ 11.6586, 4.8908,
53.7563

■ 11.4838, 4.7426,
53.7369

Harmonies

Analogous

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



36.7885, 38.5758, 61.9689



39.9080, 38.5758, 58.7686



42.2638, 38.5758, 50.9917

Triad

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



39.9080, 38.5758, 58.7686



39.6825, 38.5758, 28.4998



30.9062, 38.5758, 42.3565

Complementary

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



39.9080, 38.5758, 58.7686



47.7032, 53.8166, 42.0576

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.



31.5841, 38.5758, 34.1372



39.9080, 38.5758, 58.7686



36.5420, 38.5758, 26.8642

Square

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



39.9080, 38.5758, 58.7686



42.1284, 38.5758, 33.6074



33.6029, 38.5758, 28.7733



31.6959, 38.5758, 51.6907

Rectangle

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



39.9080, 38.5758, 58.7686



43.0193, 38.5758, 44.7409



33.6029, 38.5758, 28.7733



30.9697, 38.5758, 39.3782

Sweetspot

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



39.9092, 38.5774, 58.7695



87.6855, 90.3644, 107.4283



43.4215, 48.4136, 60.4829



18.5543, 19.0625, 22.9515



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.



39.9092, 38.5774, 58.7695



65.8688, 62.1555, 103.1333



43.9523, 40.6617, 58.9587



10.3010, 10.4134, 13.3846



7.5351, 3.1187, 34.9492



0.4256, 0.1831, 1.6581

Inverse Universe

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



45.3956, 41.5221, 53.7676



77.5141, 68.4103, 92.3198



43.6425, 51.7232, 41.8675



10.9654, 10.7696, 12.8013



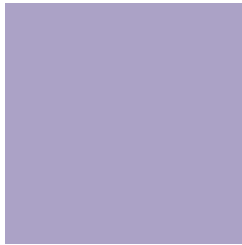
18.6832, 9.2228, 19.3395



0.9124, 0.4478, 1.0617

Previews

White Background



This preview shows how the XYZ color 39.9080, 38.5758, 58.7686 looks on a white background.

Color Contrast Check

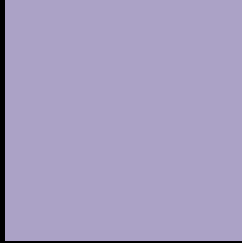
Large Text (above 18pt) WCAG AA × Fail

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 39.9080, 38.5758, 58.7686 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 39.9080, 38.5758, 58.7686

Background



This preview shows how black text looks on a background with the XYZ color 39.9080, 38.5758, 58.7686.



This preview shows how white text looks on a background with the XYZ color 39.9080, 38.5758,

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

39.9080, 38.5758, 58.7686

Protanopia

38.1785, 38.4513, 60.0532

Deuteranopia

39.4387, 38.5964, 58.7973



Tritanopia

37.6395, 38.4495, 47.5572

Trichromacy



Original Color

39.9080, 38.5758, 58.7686

Protanomaly

38.6885, 38.4610, 59.4174

Deuteranomaly

39.6524, 38.7066, 58.8073

Tritanomaly

38.3946, 38.4887, 51.3044

Monochromacy



Original Color

39.9080, 38.5758, 58.7686

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

38.4520, 39.1138, 48.7031

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.9080, 38.5758, 58.7686 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(171, 162, 198)` looks like.

```
.text, #text, p{  
    color:rgb(171, 162, 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(171, 162, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 162, 198) }
```

Border

The CSS property to change the border of an element to XYZ 39.9080, 38.5758, 58.7686 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(171, 162, 198) }
```


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

```
.border{ border-color:rgb(171, 162, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 162, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 162, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 162, 198);  
box-shadow:4px 4px 4px 4px rgb(171, 162,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 39.9080, 38.5758, 58.7686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 162, 198) }
```

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

```
.background{ background-color: rgb(171,  
162, 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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