

Converting Colors

XYZ(40.9241, 38.6034, 58.0969)

Have a look what the booklet for
XYZ(40.9241, 38.6034, 58.0969)
contains.

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Color

**XYZ(41.0089, 38.6378,
58.1198)**

Conversions

Conversions Part 1

Format	Color
Hex	B2A0C5
RGB	178, 160, 197
RGB Percent	70%, 63%, 77%
CMY	0.3020, 0.3725, 0.2274
CMYK	0.10, 0.19, 0.00, 0.23
HSL	269°, 24%, 70%
HSV	269°, 19%, 77%
XYZ	41.0089, 38.6378, 58.1198
YIQ	169.6000, -1.1490, 15.3230

Conversions

Conversions Part 2

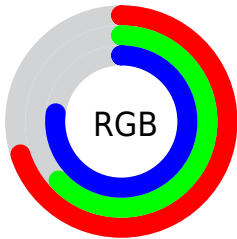
Format	Color
R_{YB}	178, 160, 197
Decimal	11706565
CIE _{Lab}	68.49, 13.65, -16.57
CIE _{LCh}	68, 21.464, 309.475
Yxy	38.6378, 0.2977, 0.2805
Android (android.graphics.Color)	4289896645 (0xFFB2A0C5)
YUV	169.6000, 13.5082, 7.3668
Hunter-Lab	62.1593, 8.9846, -11.9254

Details

The XYZ color **41.0089, 38.6378, 58.1198** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **44.9033, 52.0553, 40.9406**, and the grayscale version is **37.9459, 39.9220, 43.4751**.

A 20% lighter version of the original color is **76.1215, 73.2491, 103.8924**, and **18.7779, 17.0683, 28.2914** is the 20% darker color. If you saturate the color by 10%, you get **35.6246, 31.1885, 56.9663**, and if you desaturate by 10%, it is **47.1080, 47.2609, 59.4634**.

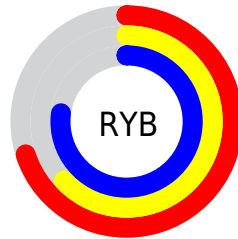
Distribution



Red (70%)

Green (63%)

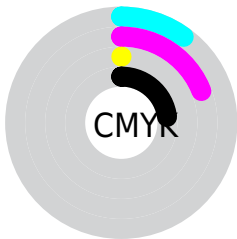
Blue (77%)



Red (70%)

Yellow (63%)

Blue (77%)

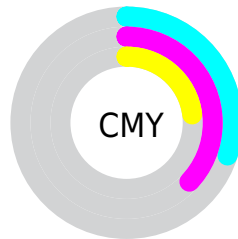


Cyan (10%)

Magenta (19%)

Yellow (0%)

Black (23%)



Cyan (30%)

Magenta (37%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.0089, 38.6378, 58.1198 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 41.0089, 38.6378, 58.1198 by changing the saturation by 10% instead.

■ 41.0089, 38.6378,
58.1198

■ 41.0089, 38.6378,
58.1198

341.4198,
340.3481, 435.2429

■ 28.5137, 26.4781,
41.4896

■ 75.9720, 73.0847,
103.6138

■ 18.8557, 17.1816,
28.3793

■ 99.1707, 96.1406,
133.3147

■ 11.6695, 10.3641,
18.3702

126.6679,
123.5974, 168.2096

■ 6.5896, 5.6410,
11.0439

158.8291,
155.8395, 208.7170

■ 3.2508, 2.6280,
5.9819

196.0195,
193.2512, 255.2555

■ 1.2878, 0.9408,
2.7654

238.6045,

■ 0.1740, 0.0000,

236.2169, 308.2437

0.9762

286.9495,
285.1211, 368.0999

■ 0.0000, 0.0000,
0.0000

■ 41.0089, 38.6378,
58.1198

■ 41.0089, 38.6378,
58.1198

■ 35.6246, 31.1885,
56.9663

■ 47.1080, 47.2609,
59.4634

■ 30.9224, 24.8555,
55.9918

■ 53.9455, 57.1022,
61.0025

■ 26.8721, 19.5833,
55.1876

■ 61.5485, 68.2098,
62.7458

■ 23.4400, 15.3100,
54.5437

■ 69.9414, 80.6277,
64.7004

■ 20.5885, 11.9669,
54.0487

■ 78.0193, 92.1413,
66.4969

■ 18.2756, 9.4760,
53.6898

■ 81.3346, 93.8503,
66.6521

■ 16.4525, 7.7462,
53.4520

■ 84.8409, 95.6579,
66.8162

■ 15.0410, 6.6284,
53.3106

■ 87.0782, 96.8113,
66.9209

■ 14.8844, 6.5089,
53.2958

Harmonies

Analogous

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



37.8034, 38.6378, 63.2085



41.0089, 38.6378, 58.1198



43.1473, 38.6378, 48.9331

Triad

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



41.0089, 38.6378, 58.1198



39.0482, 38.6378, 26.9464



30.6842, 38.6378, 45.2062

Complementary

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



41.0089, 38.6378, 58.1198



44.9033, 52.0553, 40.9406

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.



30.9722, 38.6378, 35.8806



41.0089, 38.6378, 58.1198



35.6655, 38.6378, 26.2635

Square

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



41.0089, 38.6378, 58.1198



41.9680, 38.6378, 31.3200



32.7486, 38.6378, 29.2857



31.9363, 38.6378, 55.0350

Rectangle

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



41.0089, 38.6378, 58.1198



43.6076, 38.6378, 42.2407



32.7486, 38.6378, 29.2857



30.6060, 38.6378, 41.8998

Sweetspot

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



41.0101, 38.6394, 58.1207



87.5300, 89.1638, 107.2048



40.7202, 43.7933, 59.1307



18.5662, 18.8429, 22.9084



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.



41.0101, 38.6394, 58.1207



68.8831, 62.8463, 103.1078



45.5148, 40.9617, 58.3315



10.5396, 10.5364, 13.3957



9.8857, 4.3305, 35.0592



0.5516, 0.2481, 1.6640

Inverse Universe

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



43.7348, 40.2683, 48.1173



74.8510, 66.4147, 81.1640



40.9336, 50.0089, 40.7548



10.8574, 10.7264, 12.2324



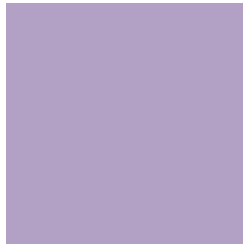
16.7381, 8.4448, 9.0965



0.8291, 0.4145, 0.6230

Previews

White Background



This preview shows how the XYZ color 41.0089, 38.6378, 58.1198 looks on a white background.

Color Contrast Check

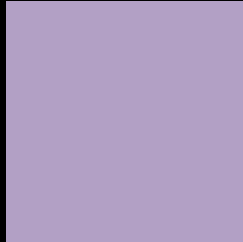
Large Text (above 18pt) WCAG AA × Fail

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 41.0089, 38.6378, 58.1198 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

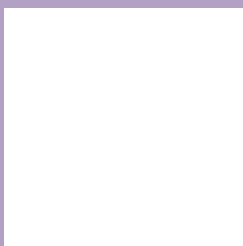
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.0089, 38.6378, 58.1198

Background



This preview shows how black text looks on a background with the XYZ color 41.0089, 38.6378, 58.1198.



This preview shows how white text looks on a background with the XYZ color 41.0089, 38.6378,

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

41.0089, 38.6378, 58.1198

Protanopia

38.6760, 38.9631, 60.7405

Deuteranopia

39.4232, 38.6149, 57.6002



Tritanopia

38.7911, 38.7995, 46.5188

Trichromacy



Original Color

41.0089, 38.6378, 58.1198

Protanomaly

39.6371, 38.9365, 60.0700

Deuteranomaly

39.8974, 38.5968, 57.5717

Tritanomaly

39.6534, 38.8852, 50.7630

Monochromacy



Original Color

41.0089, 38.6378, 58.1198

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

39.1080, 39.4520, 48.7338

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0089, 38.6378, 58.1198 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(178, 160, 197)` looks like.

```
.text, #text, p{  
    color:rgb(178, 160, 197)  
}
```

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(178, 160, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 160, 197) }
```

Border

The CSS property to change the border of an element to XYZ 41.0089, 38.6378, 58.1198 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(178, 160, 197) }
```


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

```
.border{ border-color:rgb(178, 160, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 160, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 160, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 160, 197);  
box-shadow:4px 4px 4px 4px rgb(178, 160,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 41.0089, 38.6378, 58.1198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 160, 197) }
```

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

```
.background{ background-color: rgb(178,  
160, 197) }
```

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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