

Converting Colors

XYZ(41.8302, 38.8925, 58.5019)

Have a look what the booklet for
XYZ(41.8302, 38.8925, 58.5019)
contains.

XYZ(41.8826, 38.8186, 58.7114)	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(41.8826, 38.8186,
58.7114)**

Conversions

Conversions Part 1

Format	Color
Hex	B69FC6
RGB	182, 159, 198
RGB Percent	71%, 62%, 78%
CMY	0.2863, 0.3765, 0.2235
CMYK	0.08, 0.20, 0.00, 0.22
HSL	275°, 25%, 70%
HSV	275°, 20%, 78%
XYZ	41.8826, 38.8186, 58.7114
YIQ	170.3230, 1.1890, 17.0050

Conversions

Conversions Part 2

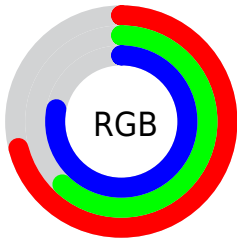
Format	Color
R _Y B	182, 159, 198
Decimal	11968454
CIE Lab	68.62, 15.74, -16.89
CIE LCh	69, 23.089, 312.987
Yxy	38.8186, 0.3004, 0.2784
Android (android.graphics.Color)	4290158534 (0xFFB69FC6)
YUV	170.3230, 13.6448, 10.2407
Hunter-Lab	62.3046, 10.9589, -12.2575

Details

The XYZ color **41.8826, 38.8186, 58.7114** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **44.1327, 52.0064, 40.5150**, and the grayscale version is **38.3043, 40.2991, 43.8857**.

A 20% lighter version of the original color is **77.3565, 73.4903, 104.7157**, and **19.3450, 17.1961, 28.6852** is the 20% darker color. If you saturate the color by 10%, you get **36.8838, 31.5863, 57.5795**, and if you desaturate by 10%, it is **47.5405, 47.2023, 60.0320**.

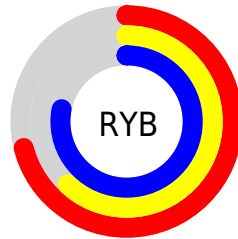
Distribution



Red (71%)

Green (62%)

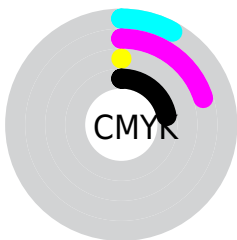
Blue (78%)



Red (71%)

Yellow (62%)

Blue (78%)

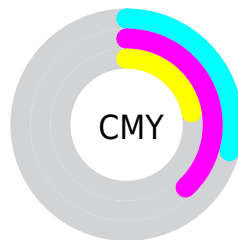


Cyan (8%)

Magenta (20%)

Yellow (0%)

Black (22%)



Cyan (29%)

Magenta (38%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.8826, 38.8186, 58.7114 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 41.8826, 38.8186, 58.7114 by changing the saturation by 10% instead.

■ 41.8826, 38.8186,
58.7114

■ 41.8826, 38.8186,
58.7114

344.9960,
341.1186, 437.5036

■ 29.2001, 26.6186,
41.9624

■ 77.2882, 73.3611,
104.4831

■ 19.3773, 17.2870,
28.7465

■ 100.7420, 96.4725,
134.3428

■ 12.0488, 10.4393,
18.6452

128.5169,
123.9897, 169.4099

■ 6.8494, 5.6912,
11.2400

160.9783,
156.2973, 210.1028

■ 3.4136, 2.6582,
6.1123

198.4916,
193.7796, 256.8400

■ 1.3761, 0.9560,
2.8436

241.4220,

■ 0.2391, 0.0000,

236.8210, 310.0402

1.0153

290.1350,
285.8059, 370.1219

■ 0.0000, 0.0000,
0.0000

■ 41.8826, 38.8186,
58.7114

■ 41.8826, 38.8186,
58.7114

■ 36.8838, 31.5863,
57.5795

■ 47.5405, 47.2023,
60.0320

■ 32.5127, 25.4478,
56.6250

■ 53.8800, 56.7819,
61.5469

■ 28.7405, 20.3475,
55.8394

■ 60.9266, 67.6052,
63.2647

■ 25.5347, 16.2233,
55.2123

■ 68.7037, 79.7163,
65.1924

■ 22.8592, 13.0058,
54.7323

■ 76.2673, 91.2248,
67.0151

■ 20.6729, 10.6164,
54.3863

■ 78.8251, 92.5434,
67.1348

■ 18.9280, 8.9622,
54.1590

■ 81.5045, 93.9247,
67.2602

■ 17.5377, 7.8732,
54.0221

■ 84.3072, 95.3695,
67.3914

■ 17.4979, 7.8430,
54.0183

■ 87.1932, 96.8573,
67.5265

Harmonies

Analogous

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



38.4930, 38.8186, 64.9914



41.8826, 38.8186, 58.7114



44.0100, 38.8186, 48.4146

Triad

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



41.8826, 38.8186, 58.7114



38.9843, 38.8186, 25.8352



30.4807, 38.8186, 46.9387

Complementary

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



41.8826, 38.8186, 58.7114



44.1327, 52.0064, 40.5150

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.



30.5930, 38.8186, 36.6629



41.8826, 38.8186, 58.7114



35.3436, 38.8186, 25.5732

Square

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



41.8826, 38.8186, 58.7114



42.2626, 38.8186, 30.0077



32.3216, 38.8186, 29.2212



32.0039, 38.8186, 57.4788

Rectangle

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



41.8826, 38.8186, 58.7114



44.3450, 38.8186, 41.2299



32.3216, 38.8186, 29.2212



30.3315, 38.8186, 43.3210

Sweetspot

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



41.8838, 38.8202, 58.7123



88.0900, 89.4525, 107.2310



39.8713, 42.2071, 59.4721



18.6986, 18.9111, 22.9146



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.



41.8838, 38.8202, 58.7123



69.8955, 62.5196, 102.9913



45.5100, 40.7325, 56.9460



10.6461, 10.5913, 13.4007



11.4783, 5.1515, 35.1337



0.6243, 0.2856, 1.6674

Inverse Universe

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



43.4260, 39.8989, 45.9717



73.2615, 64.8643, 75.6137



41.0374, 50.3777, 41.8618



10.8113, 10.7079, 11.9894



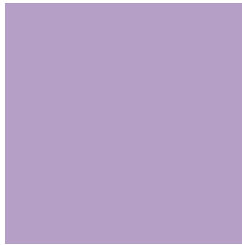
16.1571, 8.2124, 6.0370



0.8009, 0.4032, 0.4745

Previews

White Background



This preview shows how the XYZ color 41.8826, 38.8186, 58.7114 looks on a white background.

Color Contrast Check

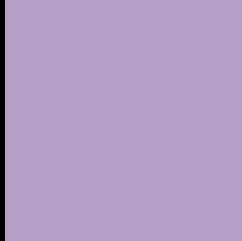
Large Text (above 18pt) WCAG AA × Fail

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 41.8826, 38.8186, 58.7114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

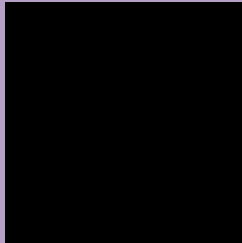
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.8826, 38.8186, 58.7114

Background



This preview shows how black text looks on a background with the XYZ color 41.8826, 38.8186, 58.7114.



This preview shows how white text looks on a background with the XYZ color 41.8826, 38.8186,

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

41.8826, 38.8186, 58.7114

Protanopia

38.7138, 38.9552, 61.9786

Deuteranopia

39.7157, 39.0172, 58.2611



Tritanopia

39.5241, 38.9127, 46.5021

Trichromacy



Original Color

41.8826, 38.8186, 58.7114

Protanomaly

39.5762, 38.6269, 60.6282

Deuteranomaly

40.4539, 38.8705, 58.1939

Tritanomaly

40.3945, 39.0047, 50.7470

Monochromacy



Original Color

41.8826, 38.8186, 58.7114

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

39.3300, 39.5664, 48.7442

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.8826, 38.8186, 58.7114 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(182, 159, 198)` looks like.

```
.text, #text, p{  
    color:rgb(182, 159, 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(182, 159, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 159, 198) }
```

Border

The CSS property to change the border of an element to XYZ 41.8826, 38.8186, 58.7114 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(182, 159, 198) }
```


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

```
.border{ border-color:rgb(182, 159, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 159, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 159, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 159, 198);  
box-shadow:4px 4px 4px 4px rgb(182, 159,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 41.8826, 38.8186, 58.7114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 159, 198) }
```

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

```
.background{ background-color: rgb(182,  
159, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor