

Converting Colors

XYZ(41.9109, 38.8545, 80.0655)

Have a look what the booklet for
XYZ(41.9109, 38.8545, 80.0655)
contains.

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Color

**XYZ(41.9281, 38.8843,
80.1585)**

Conversions

Conversions Part 1

Format	Color
Hex	A2A1E6
RGB	162, 161, 230
RGB Percent	64%, 63%, 90%
CMY	0.3647, 0.3686, 0.0980
CMYK	0.30, 0.30, 0.00, 0.10
HSL	241°, 58%, 77%
HSV	241°, 30%, 90%
XYZ	41.9281, 38.8843, 80.1585
YIQ	169.1650, -21.5530, 21.6710

Conversions

Conversions Part 2

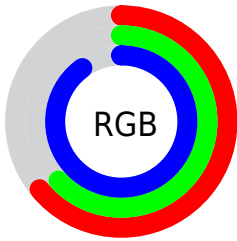
Format	Color
RYB	162, 161, 230
Decimal	10658278
CIELab	68.67, 15.68, -34.61
CIElCh	69, 37.996, 294.365
Yxy	38.8843, 0.2605, 0.2416
Android (android.graphics.Color)	4288848358 (0xFFA2A1E6)
YUV	169.1650, 29.9917, -6.2837
Hunter-Lab	62.3573, 10.8955, -32.5655

Details

The XYZ color **41.9281, 38.8843, 80.1585** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **67.0438, 75.8257, 44.8220**, and the grayscale version is **37.6587, 39.6199, 43.1460**.

A 20% lighter version of the original color is **71.5193, 71.2372, 104.5884**, and **19.4003, 17.3960, 42.3797** is the 20% darker color. If you saturate the color by 10%, you get **34.0757, 29.4091, 78.7441**, and if you desaturate by 10%, it is **51.3523, 50.2689, 81.8599**.

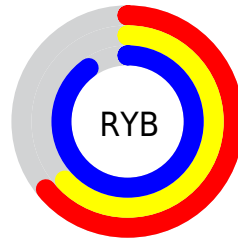
Distribution



Red (64%)

Green (63%)

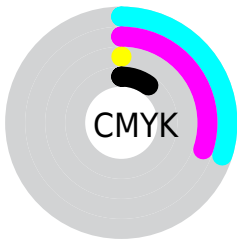
Blue (90%)



Red (64%)

Yellow (63%)

Blue (90%)

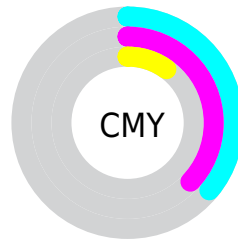


Cyan (30%)

Magenta (30%)

Yellow (0%)

Black (10%)



Cyan (36%)


Magenta (37%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.9281, 38.8843, 80.1585 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 41.9281, 38.8843, 80.1585 by changing the saturation by 10% instead.


 41.9281, 38.8843,
80.1585

 41.9281, 38.8843,
80.1585


345.1815,
341.3983, 515.1877

 29.2359, 26.6697,
59.3219


 77.3566, 73.4615,
135.4020

 19.4045, 17.3253,
42.4506


 100.8237, 96.5930,
170.6459

 12.0687, 10.4667,
29.1260


128.6130,
124.1322, 211.5293

 6.8630, 5.7095,
18.9298

161.0899,
156.4636, 258.4707

 3.4221, 2.6692,
11.4433

198.6199,
193.9715, 311.8887

 1.3807, 0.9616,
6.2479

241.5683,

 0.2424, 0.0000,

237.0403, 372.2019

2.9252

290.3003,
286.0544, 439.8287

■ 0.0000, 0.0000,
1.0566

■ 0.0000, 0.0000,
0.0000

■ 41.9281, 38.8843,
80.1585

■ 41.9281, 38.8843,
80.1585

■ 34.0757, 29.4091,
78.7441

■ 51.3523, 50.2689,
81.8599

■ 27.7059, 21.7345,
77.5985

■ 62.4230, 63.6545,
83.8601

■ 22.7268, 15.7479,
76.7054

■ 75.2151, 79.1324,
86.1734

■ 19.0346, 11.3222,
76.0458

■ 89.7976, 96.7869,
88.8125

■ 16.5109, 8.3122,
75.5978

■ 91.2831, 98.4932,
89.0636

■ 15.0156, 6.5458,
75.3357

■ 14.3248, 5.7348,
75.2155

■ 14.3248, 5.7347,
75.2155

Harmonies

Analogous

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



35.8364, 38.8843, 84.4962



41.9281, 38.8843, 80.1585



47.1566, 38.8843, 64.6682

Triad

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



41.9281, 38.8843, 80.1585



44.1001, 38.8843, 20.7524



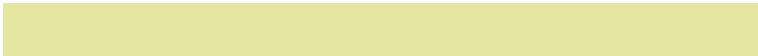
26.6197, 38.8843, 39.1745

Complementary

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



41.9281, 38.8843, 80.1585



67.0438, 75.8257, 44.8220

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.



28.3479, 38.8843, 25.8503



41.9281, 38.8843, 80.1585



38.1035, 38.8843, 17.2245

Square

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



41.9281, 38.8843, 80.1585



48.5026, 38.8843, 30.1117



32.3977, 38.8843, 18.7991



27.4087, 38.8843, 57.4941

Rectangle

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



41.9281, 38.8843, 80.1585



49.2266, 38.8843, 51.8879



32.3977, 38.8843, 18.7991



26.9192, 38.8843, 34.0389

Sweetspot

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



41.9294, 38.8858, 80.1594



80.3237, 82.1813, 106.2368



57.2787, 69.8848, 85.3338



16.7194, 17.0178, 22.6535



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.



41.9294, 38.8858, 80.1594



46.6023, 41.4345, 100.1492



49.6641, 42.8732, 80.5214



13.6021, 13.8971, 18.1098



8.1186, 3.2512, 42.5828



0.6068, 0.2438, 3.1470

Inverse Universe

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



59.5219, 47.9712, 80.2518



72.2093, 54.6601, 100.2334



57.3660, 70.8366, 44.3690



14.9856, 14.6114, 18.1248



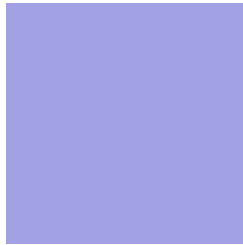
26.3029, 12.6554, 42.0857



1.9466, 0.9364, 3.1253

Previews

White Background



This preview shows how the XYZ color 41.9281, 38.8843, 80.1585 looks on a white background.

Color Contrast Check

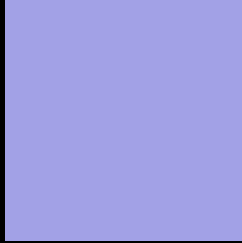
Large Text (above 18pt) WCAG AA × Fail

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 41.9281, 38.8843, 80.1585 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

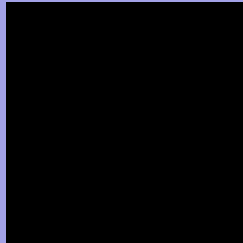
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.9281, 38.8843, 80.1585

Background



This preview shows how black text looks on a background with the XYZ color 41.9281, 38.8843, 80.1585.



This preview shows how white text looks on a background with the XYZ color 41.9281, 38.8843,

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

41.9281, 38.8843, 80.1585

Protanopia

40.1957, 38.9965, 82.4993

Deuteranopia

39.8107, 38.8633, 79.5319



Tritanopia

35.8709, 38.8437, 50.4067

Trichromacy



Original Color

41.9281, 38.8843, 80.1585

Protanomaly

40.7898, 39.0525, 81.7320

Deuteranomaly

40.5552, 38.9804, 79.5152

Tritanomaly

37.9543, 38.8755, 60.1469

Monochromacy



Original Color

41.9281, 38.8843, 80.1585

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

38.7661, 39.1410, 54.8020

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.9281, 38.8843, 80.1585 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(162, 161, 230)` looks like.

```
.text, #text, p{  
    color:rgb(162, 161, 230)  
}
```

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(162, 161, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 161, 230) }
```

Border

The CSS property to change the border of an element to XYZ 41.9281, 38.8843, 80.1585 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(162, 161, 230) }
```


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

```
.border{ border-color:rgb(162, 161, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 161, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 161, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 161, 230);  
box-shadow:4px 4px 4px 4px rgb(162, 161,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 41.9281, 38.8843, 80.1585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 161, 230) }
```

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

```
.background{ background-color: rgb(162,  
161, 230) }
```

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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