

Converting Colors

XYZ(80.7803, 80.1828,
100.8014)

Have a look what the booklet for
XYZ(80.7803, 80.1828, 100.8014)
contains.

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Color

**XYZ(80.5709, 79.9330,
100.8046)**

Conversions

Conversions Part 1

Format	Color
Hex	F1E2F9
RGB	241, 226, 249
RGB Percent	95%, 89%, 98%
CMY	0.0549, 0.1137, 0.0235
CMYK	0.03, 0.09, 0.00, 0.02
HSL	279°, 66%, 93%
HSV	279°, 9%, 98%
XYZ	80.5709, 79.9330, 100.8046
YIQ	233.1070, 1.5570, 10.3330

Conversions

Conversions Part 2

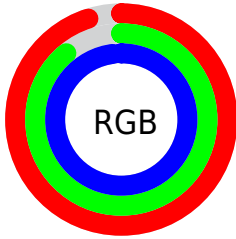
Format	Color
R _Y B	241, 226, 249
Decimal	15852281
CIE Lab	91.65, 9.18, -9.31
CIE LCh	92, 13.075, 314.572
Yxy	79.9330, 0.3083, 0.3059
Android (android.graphics.Color)	4294042361 (0xFFFF1E2F9)
YUV	233.1070, 7.8352, 6.9222
Hunter-Lab	89.4053, 4.4028, -4.2659

Details

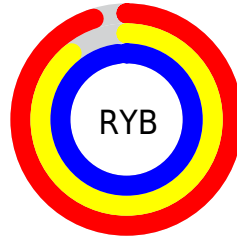
The XYZ color **80.5709, 79.9330, 100.8046** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.5376, 90.7368, 85.1719**, and the grayscale version is **77.4767, 81.5115, 88.7661**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.1961, 43.2904, 56.4786** is the 20% darker color. If you saturate the color by 10%, you get **71.3995, 65.8748, 98.5757**, and if you desaturate by 10%, it is **90.8708, 96.0370, 103.3713**.

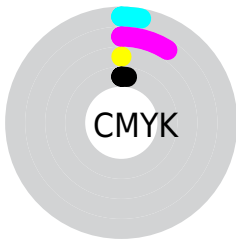
Distribution



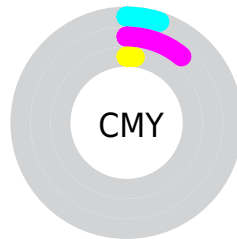
- Red (95%)
- Green (89%)
- Blue (98%)



- Red (95%)
- Yellow (89%)
- Blue (98%)



- Cyan (3%)
- Magenta (9%)
- Yellow (0%)
- Black (2%)



- Cyan (5%)
- Magenta (11%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.5709, 79.9330, 100.8046 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 80.5709, 79.9330, 100.8046 by changing the saturation by 10% instead.

80.5709, 79.9330,
100.8046

80.5709, 79.9330,
100.8046

485.5620,
494.7070, 584.0379

60.4983, 59.6632,
76.3520

133.1144,
133.2715, 164.3240

44.0714, 43.1472,
56.2128

166.3161,
167.1091, 204.2278

30.9248, 30.0007,
39.9685

204.6248,
206.2380, 250.1192

20.6932, 19.8391,
27.2004

248.4059,
251.0427, 302.4167

13.0111, 12.2781,
17.4900

298.0249,
301.9075, 361.5387

7.5132, 6.9334,
10.4188

353.8470,

3.8343, 3.4205,

359.2169, 427.9039

5.5683

416.2376,
423.3553, 501.9308

■ 1.6088, 1.3550,
2.5199

■ 0.3981, 0.1832,
0.8507

■ 80.5709, 79.9330,
100.8046

■ 80.5709, 79.9330,
100.8046

■ 71.3995, 65.8748,
98.5757

■ 90.8708, 96.0370,
103.3713

■ 63.3055, 53.7667,
96.6652

■ 94.0991, 99.6196,
103.8927

■ 56.2440, 43.5207,
95.0597

■ 50.1640, 35.0377,
93.7428

■ 45.0097, 28.2094,
92.6964

■ 40.7193, 22.9150,
91.9006

■ 37.2224, 19.0170,
91.3325

■ 34.4356, 16.3521,
90.9651

■ 32.2333, 14.6723,
90.7569

Harmonies

Analogous

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



77.6013, 79.9330, 106.0761



80.5709, 79.9330, 100.8046



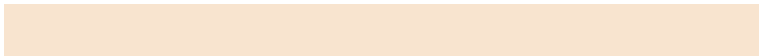
82.3345, 79.9330, 92.0187

Triad

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



80.5709, 79.9330, 100.8046



77.6952, 79.9330, 70.4798



69.9261, 79.9330, 91.7437

Complementary

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



80.5709, 79.9330, 100.8046



81.5376, 90.7368, 85.1719

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.



69.9496, 79.9330, 82.2316



80.5709, 79.9330, 100.8046



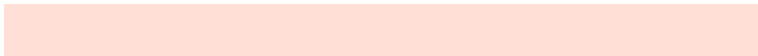
74.3695, 79.9330, 70.4181

Square

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



80.5709, 79.9330, 100.8046



80.6414, 79.9330, 74.7527



71.5552, 79.9330, 74.5773



71.4901, 79.9330, 100.5906

Rectangle

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



80.5709, 79.9330, 100.8046



82.5573, 79.9330, 85.5754



71.5552, 79.9330, 74.5773



69.7501, 79.9330, 88.5079

Sweetspot

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



80.5732, 79.9364, 100.8063



91.6856, 94.7146, 108.0571



77.9030, 81.8857, 101.3233



19.4360, 19.9777, 23.0816



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.



80.5732, 79.9364, 100.8063



83.2462, 81.5869, 105.9680



82.8311, 81.1620, 98.1289



17.3727, 17.2048, 21.7905



17.3295, 7.8763, 48.5805



1.7193, 0.7884, 4.5047

Inverse Universe

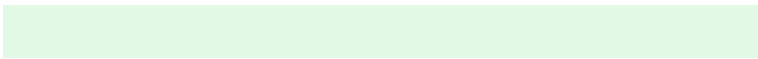
The Inverse Universe completely reimagines the original color for something new.



81.1173, 80.4765, 89.1038



83.9388, 82.2682, 91.3522



79.4483, 89.6045, 87.5702



17.4939, 17.3249, 19.1905



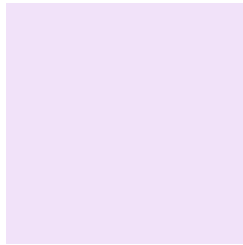
21.8848, 11.1696, 6.1016



2.0749, 1.0537, 0.8176

Previews

White Background



This preview shows how the XYZ color 80.5709, 79.9330, 100.8046 looks on a white background.

Color Contrast Check

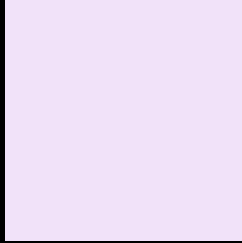
Large Text (above 18pt) WCAG AA × Fail

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 80.5709, 79.9330, 100.8046 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

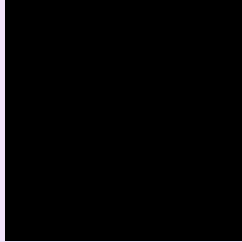
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

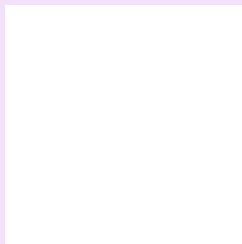
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 80.5709, 79.9330, 100.8046

Background



This preview shows how black text looks on a background with the XYZ color 80.5709, 79.9330, 100.8046.



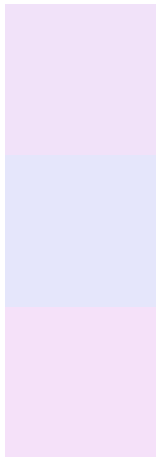
This preview shows how white text looks on a background with the XYZ color 80.5709, 79.9330,

100.8046.

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

80.5709, 79.9330, 100.8046

Protanopia

78.0225, 80.2167, 102.6379

Deuteranopia

81.6803, 80.1025, 100.7788



Tritanopia

79.8857, 80.0560, 97.6281

Trichromacy



Original Color

80.5709, 79.9330, 100.8046

Protanomaly

78.8789, 80.2644, 101.7777

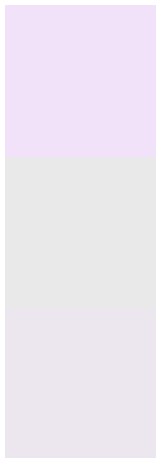
Deuteranomaly

81.3323, 79.9231, 100.7626

Tritanomaly

80.0388, 80.1173, 98.4345

Monochromacy



Original Color

80.5709, 79.9330, 100.8046

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

78.4689, 80.6585, 93.0942

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.5709, 79.9330, 100.8046 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(241, 226, 249) looks like.

```
.text, #text, p{  
    color:rgb(241, 226, 249)  
}
```

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(241, 226, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 226, 249) }
```

Border

The CSS property to change the border of an element to XYZ 80.5709, 79.9330, 100.8046 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(241, 226, 249) }
```


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

```
.border{ border-color:rgb(241, 226, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 226, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 226, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 226, 249);  
box-shadow:4px 4px 4px 4px rgb(241, 226,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 80.5709, 79.9330, 100.8046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 226, 249) }
```

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

```
.background{ background-color: rgb(241,  
226, 249) }
```

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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