

Converting Colors

XYZ(81.1630, 79.3443,
104.8032)

Have a look what the booklet for
XYZ(81.1630, 79.3443, 104.8032)
contains.

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Color

**XYZ(81.1630, 79.3443,
104.8032)**

Conversions

Conversions Part 1

Format	Color
Hex	F2E0FE
RGB	242, 224, 254
RGB Percent	95%, 88%, 100%
CMY	0.0510, 0.1215, 0.0039
CMYK	0.05, 0.12, 0.00, 0.00
HSL	276°, 94%, 94%
HSV	276°, 12%, 100%
XYZ	81.1630, 79.3443, 104.8032
YIQ	232.8020, 1.0980, 13.1460

Conversions

Conversions Part 2

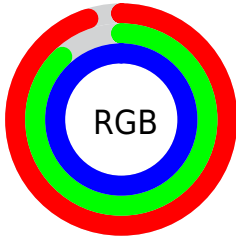
Format	Color
R_{YB}	242, 224, 254
Decimal	15917310
CIE _{Lab}	91.39, 11.47, -12.32
CIE _{LCh}	91, 16.833, 312.977
Yxy	79.3443, 0.3059, 0.2991
Android (android.graphics.Color)	4294107390 (0xFFFF2E0FE)
YUV	232.8020, 10.4506, 8.0666
Hunter-Lab	89.0754, 6.7622, -7.4059

Details

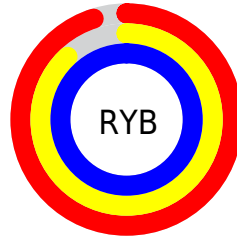
The XYZ color **81.1630, 79.3443, 104.8032** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **83.4913, 94.1004, 84.2876**, and the grayscale version is **77.2286, 81.2505, 88.4818**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.5157, 42.8463, 58.7472** is the 20% darker color. If you saturate the color by 10%, you get **71.4494, 64.9505, 102.5381**, and if you desaturate by 10%, it is **92.0948, 95.8841, 107.4207**.

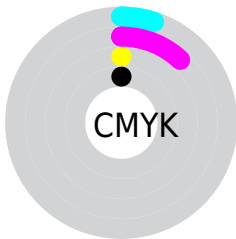
Distribution



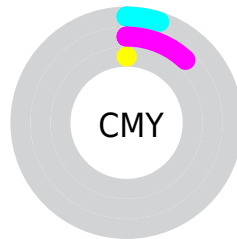
- Red (95%)
- Green (88%)
- Blue (100%)



- Red (95%)
- Yellow (88%)
- Blue (100%)



- Cyan (5%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (5%)
- Magenta (12%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.1630, 79.3443, 104.8032 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 81.1630, 79.3443, 104.8032 by changing the saturation by 10% instead.

81.1630, 79.3443,
104.8032

81.1630, 79.3443,
104.8032

487.5207,
492.7203, 596.8625

60.9876, 59.1789,
79.6788

133.9416,
132.4435, 169.8516

44.4677, 42.7572,
58.9294

167.2755,
166.1460, 210.6126

31.2378, 29.6946,
42.1367

205.7262,
205.1298, 257.4229

20.9327, 19.6069,
28.8820

249.6592,
249.7792, 310.7011

13.1870, 12.1096,
18.7467

299.4398,
300.4785, 370.8655

7.6353, 6.8184,
11.3125

355.4334,

3.9123, 3.3488,

357.6122, 438.3349

6.1606

418.0052,
421.5647, 513.5277

■ 1.6527, 1.3164,
2.8726

■ 0.4264, 0.1539,
1.0300

■ 81.1630, 79.3443,
104.8032

■ 81.1630, 79.3443,
104.8032

■ 71.4494, 64.9505,
102.5381

■ 92.0948, 95.8841,
107.4207

■ 62.8988, 52.6008,
100.6050

94.8896, 99.9359,
108.0555

■ 55.4618, 42.2002,
98.9895

■ 49.0826, 33.6417,
97.6737

■ 43.7001, 26.8080,
96.6384

■ 39.2459, 21.5677,
95.8617

■ 35.6419, 17.7697,
95.3185

■ 32.7944, 15.2323,
94.9788

■ 30.9118, 13.8690,
94.8149

Harmonies

Analogous

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



77.2769, 79.3443, 111.4468



81.1630, 79.3443, 104.8032



83.5578, 79.3443, 93.4758

Triad

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



81.1630, 79.3443, 104.8032



77.8487, 79.3443, 65.7645



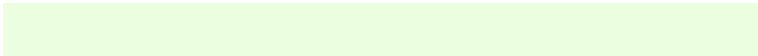
67.6781, 79.3443, 91.7921

Complementary

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



81.1630, 79.3443, 104.8032



83.4913, 94.1004, 84.2876

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.



67.8181, 79.3443, 79.6763



81.1630, 79.3443, 104.8032



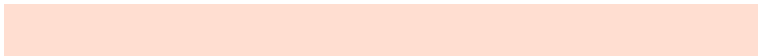
73.5820, 79.3443, 65.4062

Square

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



81.1630, 79.3443, 104.8032



81.5952, 79.3443, 71.3052



69.9438, 79.3443, 70.2749



69.5538, 79.3443, 103.4706

Rectangle

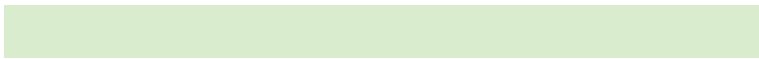
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.1630, 79.3443, 104.8032



83.9324, 79.3443, 85.1747



69.9438, 79.3443, 70.2749



67.4931, 79.3443, 87.6217

Sweetspot

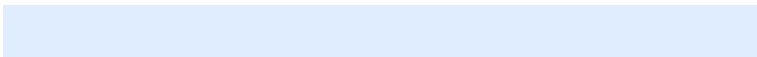
The Sweet Spot groups the original color and five complimentary colors.



81.1654, 79.3477, 104.8049



90.3966, 92.8982, 107.7745



78.7725, 83.2855, 105.6911



19.1661, 19.6067, 23.0243



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.



81.1654, 79.3477, 104.8049



79.6395, 76.6910, 105.2131



85.0225, 81.3821, 102.9092



18.0484, 17.9167, 22.7570



16.4679, 7.4000, 49.9950



1.7268, 0.7841, 4.8736

Inverse Universe

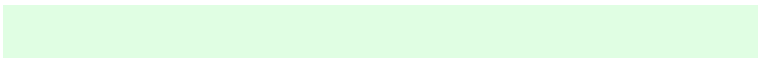
The Inverse Universe completely reimagines the original color for something new.



82.6718, 80.4418, 90.5303



81.4411, 77.9962, 88.2893



79.9814, 92.2515, 85.9063



18.3104, 18.1075, 20.2518



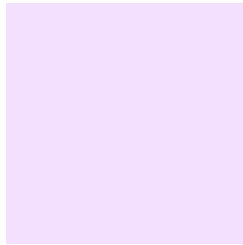
22.8710, 11.6377, 7.9712



2.2791, 1.1540, 1.0510

Previews

White Background



This preview shows how the XYZ color 81.1630, 79.3443, 104.8032 looks on a white background.

Color Contrast Check

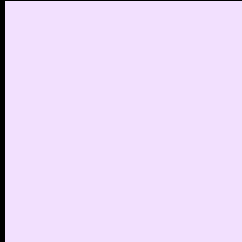
Large Text (above 18pt) WCAG AA × Fail

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 81.1630, 79.3443, 104.8032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

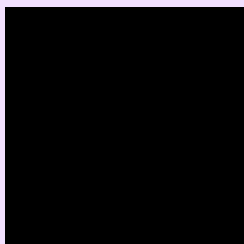
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.1630, 79.3443, 104.8032

Background



This preview shows how black text looks on a background with the XYZ color 81.1630, 79.3443, 104.8032.

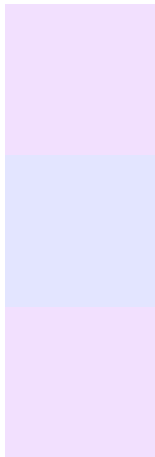


This preview shows how white text looks on a background with the XYZ color 81.1630, 79.3443,

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

81.1630, 79.3443, 104.8032

Protanopia

77.7479, 79.5895, 105.8723

Deuteranopia

81.1630, 79.3443, 104.8032



Tritanopia

79.4607, 79.4496, 96.7352

Trichromacy



Original Color

81.1630, 79.3443, 104.8032

Protanomaly

78.7978, 79.3140, 105.7638

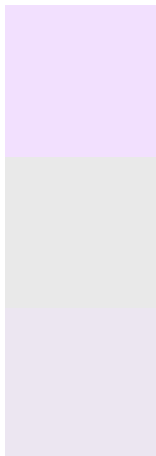
Deuteranomaly

81.1630, 79.3443, 104.8032

Tritanomaly

80.1441, 79.3285, 99.8948

Monochromacy



Original Color

81.1630, 79.3443, 104.8032

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

78.7661, 80.7774, 94.6593

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.1630, 79.3443, 104.8032 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(242, 224, 254)` looks like.

```
.text, #text, p{  
    color:rgb(242, 224, 254)  
}
```

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(242, 224, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 224, 254) }
```

Border

The CSS property to change the border of an element to XYZ 81.1630, 79.3443, 104.8032 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(242, 224, 254) }
```


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

```
.border{ border-color:rgb(242, 224, 254) }
```

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

Here you see how a box with a 4 pixel rgb(242, 224, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 224, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 224, 254);  
box-shadow:4px 4px 4px 4px rgb(242, 224,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 81.1630, 79.3443, 104.8032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 224, 254) }
```

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

```
.background{ background-color: rgb(242,  
224, 254) }
```

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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