

Converting Colors

XYZ(82.0279, 81.1624,
102.5700)

Have a look what the booklet for
XYZ(82.0279, 81.1624, 102.5700)
contains.

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Color

**XYZ(81.8438, 80.9579,
102.5796)**

Conversions

Conversions Part 1

Format	Color
Hex	F3E3FB
RGB	243, 227, 251
RGB Percent	95%, 89%, 98%
CMY	0.0471, 0.1098, 0.0157
CMYK	0.03, 0.10, 0.00, 0.02
HSL	280°, 75%, 94%
HSV	280°, 10%, 98%
XYZ	81.8438, 80.9579, 102.5796
YIQ	234.5200, 1.8320, 10.8560

Conversions

Conversions Part 2

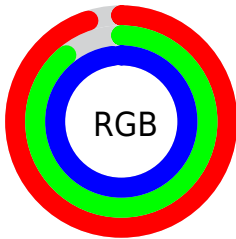
Format	Color
R_{YB}	243, 227, 251
Decimal	15983611
CIE Lab	92.11, 9.68, -9.66
CIE LCh	92, 13.677, 315.055
Yxy	80.9579, 0.3084, 0.3051
Android (android.graphics.Color)	4294173691 (0xFFFF3E3FB)
YUV	234.5200, 8.1246, 7.4370
Hunter-Lab	89.9766, 4.9067, -4.6111

Details

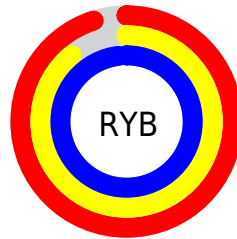
The XYZ color **81.8438, 80.9579, 102.5796** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.6263, 92.2047, 86.1195**, and the grayscale version is **78.5422, 82.6325, 89.9868**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.9836, 43.9649, 57.1541** is the 20% darker color. If you saturate the color by 10%, you get **72.6513, 66.7617, 100.3252**, and if you desaturate by 10%, it is **92.1734, 97.2303, 105.1773**.

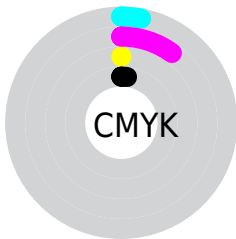
Distribution



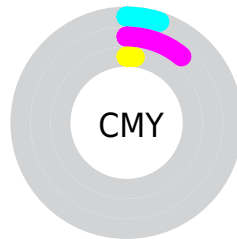
- Red (95%)
- Green (89%)
- Blue (98%)



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



- Cyan (3%)
- Magenta (10%)
- Yellow (0%)
- Black (2%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.8438, 80.9579, 102.5796 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 81.8438, 80.9579, 102.5796 by changing the saturation by 10% instead.

81.8438, 80.9579,
102.5796

81.8438, 80.9579,
102.5796

489.7675,
498.1552, 589.7490

61.5505, 60.5069,
77.8278

134.8919,
134.7117, 166.7804

44.9238, 43.8274,
57.4169

168.3774,
168.7832, 207.0663

31.5984, 30.5348,
40.9285

206.9909,
208.1638, 253.3675

21.2090, 20.2449,
27.9439

251.0979,
253.2377, 306.1023

13.3902, 12.5732,
18.0447

301.0637,
304.3894, 365.6893

7.7766, 7.1353,
10.8123

357.2537,

4.0030, 3.5469,

362.0033, 432.5470

5.8282

420.0332,
426.4638, 507.0941

■ 1.7038, 1.4235,
2.6738

■ 0.4586, 0.2339,
0.9302

■ 81.8438, 80.9579,
102.5796

■ 81.8438, 80.9579,
102.5796

■ 72.6513, 66.7617,
100.3252

■ 92.1734, 97.2303,
105.1773

■ 64.5440, 54.5443,
98.3943

■ 94.4128, 99.7451,
105.5447

■ 57.4762, 44.2157,
96.7732

■ 51.3960, 35.6748,
95.4451

■ 46.2466, 28.8108,
94.3916

■ 41.9651, 23.5004,
93.5922

■ 38.4794, 19.6025,
93.0236

■ 35.7044, 16.9499,
92.6578

■ 33.5073, 15.2800,
92.4513

Harmonies

Analogous

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



78.7214, 80.9579, 108.2463



81.8438, 80.9579, 102.5796



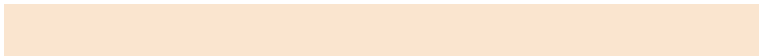
83.6815, 80.9579, 93.2488

Triad

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



81.8438, 80.9579, 102.5796



78.7086, 80.9579, 70.6995



70.5890, 80.9579, 93.2861

Complementary

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



81.8438, 80.9579, 102.5796



82.6263, 92.2047, 86.1195

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.



70.5858, 80.9579, 83.2394



81.8438, 80.9579, 102.5796



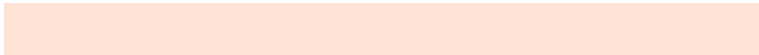
75.2016, 80.9579, 70.7079

Square

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



81.8438, 80.9579, 102.5796



81.8342, 80.9579, 75.1165



72.2515, 80.9579, 75.1402



72.2604, 80.9579, 102.6088

Rectangle

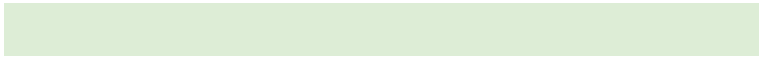
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.8438, 80.9579, 102.5796



83.8962, 80.9579, 86.4507



72.2515, 80.9579, 75.1402



70.3945, 80.9579, 89.8702

Sweetspot

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



81.8462, 80.9614, 102.5814



91.7258, 94.7353, 108.0590



78.9173, 82.9453, 103.1187



19.4469, 19.9833, 23.0821



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.



81.8462, 80.9614, 102.5814



83.3883, 81.6602, 105.9747



84.1055, 82.1910, 99.7530



17.3980, 17.2178, 21.7917



17.7261, 8.0808, 48.5990



1.7541, 0.8063, 4.5064

Inverse Universe

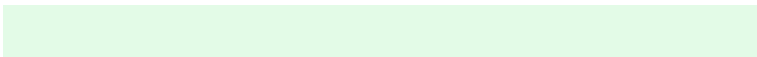
The Inverse Universe completely reimagines the original color for something new.



82.2510, 81.4492, 89.9876



83.8796, 82.2445, 91.0405



80.5460, 91.0743, 88.6430



17.4833, 17.3207, 19.1347



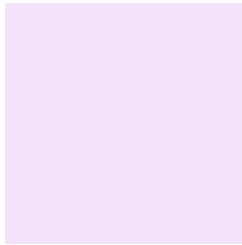
21.8066, 11.1384, 5.6899



2.0667, 1.0504, 0.7746

Previews

White Background



This preview shows how the XYZ color 81.8438, 80.9579, 102.5796 looks on a white background.

Color Contrast Check

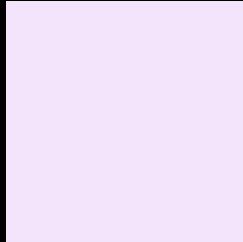
Large Text (above 18pt) WCAG AA × Fail

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 81.8438, 80.9579, 102.5796 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

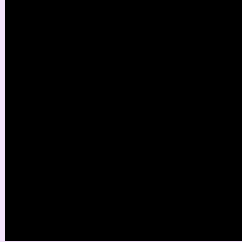
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

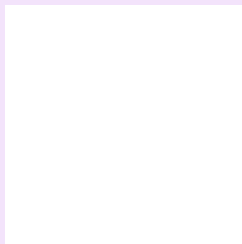
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.8438, 80.9579, 102.5796

Background



This preview shows how black text looks on a background with the XYZ color 81.8438, 80.9579, 102.5796.

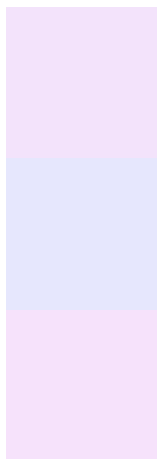


This preview shows how white text looks on a background with the XYZ color 81.8438, 80.9579,

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

81.8438, 80.9579, 102.5796

Protanopia

78.9387, 81.0667, 104.4154

Deuteranopia

82.6150, 80.9506, 102.5375



Tritanopia

80.9959, 81.0179, 98.5578

Trichromacy



Original Color

81.8438, 80.9579, 102.5796

Protanomaly

80.1285, 81.2841, 103.5616

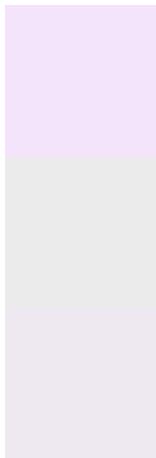
Deuteranomaly

82.2651, 80.7702, 102.5212

Tritanomaly

81.3046, 81.1414, 100.1836

Monochromacy



Original Color

81.8438, 80.9579, 102.5796

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

79.9937, 82.2412, 94.8771

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.8438, 80.9579, 102.5796 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(243, 227, 251)` looks like.

```
.text, #text, p{  
    color:rgb(243, 227, 251)  
}
```

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(243, 227, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 227, 251) }
```

Border

The CSS property to change the border of an element to XYZ 81.8438, 80.9579, 102.5796 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(243, 227, 251) }
```


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

```
.border{ border-color:rgb(243, 227, 251) }
```

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

Here you see how a box with a 4 pixel rgb(243, 227, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 227, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 227, 251);  
box-shadow:4px 4px 4px 4px rgb(243, 227,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 81.8438, 80.9579, 102.5796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 227, 251) }
```

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

```
.background{ background-color: rgb(243,  
227, 251) }
```

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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