

Converting Colors

XYZ(81.4426, 81.8843, 87.0956)

Have a look what the booklet for
XYZ(81.4426, 81.8843, 87.0956)
contains.

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Color

**XYZ(81.5100, 81.9479,
87.1228)**

Conversions

Conversions Part 1

Format	Color
Hex	F9E5E7
RGB	249, 229, 231
RGB Percent	98%, 90%, 91%
CMY	0.0235, 0.1019, 0.0941
CMYK	0.00, 0.08, 0.07, 0.02
HSL	354°, 62%, 94%
HSV	354°, 8%, 98%
XYZ	81.5100, 81.9479, 87.1228
YIQ	235.2080, 11.2780, 4.8620

Conversions

Conversions Part 2

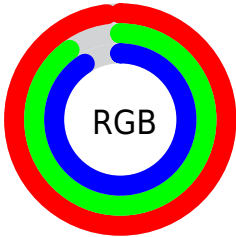
Format	Color
R _Y B	249, 229, 231
Decimal	16377319
CIE Lab	92.55, 7.14, 1.48
CIE LCh	93, 7.294, 11.733
Yxy	81.9479, 0.3253, 0.3270
Android (android.graphics.Color)	4294567399 (0xFFFF9E5E7)
YUV	235.2080, -2.0745, 12.0956
Hunter-Lab	90.5251, 2.3049, 6.3059

Details

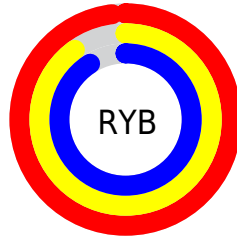
The XYZ color **81.5100, 81.9479, 87.1228** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.9804, 91.1268, 101.2158**, and the grayscale version is **79.1353, 83.2565, 90.6663**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.6121, 44.5737, 46.8097** is the 20% darker color. If you saturate the color by 10%, you get **72.1428, 67.9590, 69.3687**, and if you desaturate by 10%, it is **92.2754, 98.0824, 107.3452**.

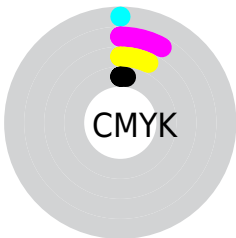
Distribution



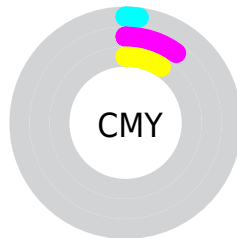
- Red (98%)
- Green (90%)
- Blue (91%)



- Red (98%)
- Yellow (90%)
- Blue (91%)



- Cyan (0%)
- Magenta (8%)
- Yellow (7%)
- Black (2%)





- Cyan (2%)
- Magenta (10%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.5100, 81.9479, 87.1228 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 81.5100, 81.9479, 87.1228 by changing the saturation by 10% instead.


 81.5100, 81.9479,
87.1228

 81.5100, 81.9479,
87.1228


488.6666,
501.4734, 538.9530

 61.2744, 61.3226,
65.0366


134.4261,
136.1009, 145.2357

 44.7001, 44.4856,
47.0392


167.8373,
170.3975, 182.0994

 31.4215, 31.0524,
32.7121


206.3711,
210.0198, 224.7262

 21.0734, 20.6388,
21.6367

250.3928,
255.3525, 273.5344

 13.2905, 12.8602,
13.3944

300.2679,
306.7797, 328.9426

 7.7072, 7.3324,
7.5668

356.3617,

 3.9584, 3.6708,

364.6861, 391.3695

3.7353

419.0394,
429.4558, 461.2334

■ 1.6786, 1.4912,
1.4813

■ 0.4428, 0.2825,
0.2039

■ 81.5100, 81.9479,
87.1228

■ 81.5100, 81.9479,
87.1228

■ 72.1428, 67.9590,
69.3687

■ 92.2754, 98.0824,
107.3452

■ 64.1099, 56.0152,
53.9832

■ 92.8773, 98.8799,
108.7983

■ 57.3523, 46.0237,
40.8676

■ 51.8043, 37.8808,
29.9142

■ 47.3940, 31.4728,
21.0067

■ 44.0421, 26.6736,
14.0175

■ 41.6588, 23.3401,
8.8051

■ 40.1393, 21.3037,
5.2078

■ 39.3456, 20.3364,
3.0314

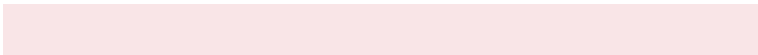
Harmonies

Analogous

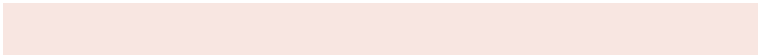
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.3993, 81.9479, 92.5371



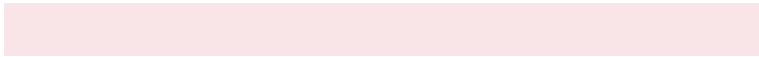
81.5100, 81.9479, 87.1228



80.6389, 81.9479, 82.4620

Triad

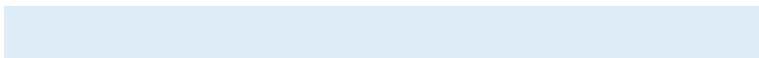
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.5100, 81.9479, 87.1228



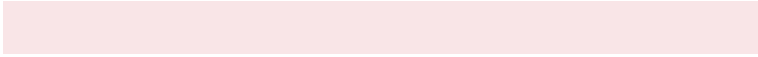
75.4895, 81.9479, 81.6670



76.7529, 81.9479, 99.5043

Complementary

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



81.5100, 81.9479, 87.1228



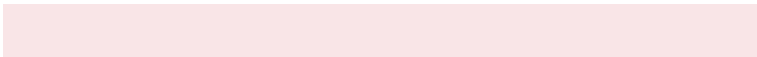
82.9804, 91.1268, 101.2158

Split Complementary

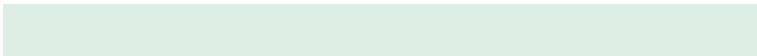
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.2024, 81.9479, 96.3529



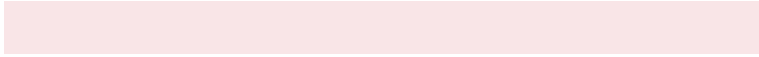
81.5100, 81.9479, 87.1228



74.4811, 81.9479, 85.9974

Square

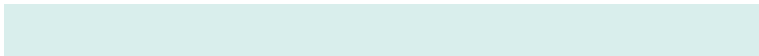
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.5100, 81.9479, 87.1228



77.1507, 81.9479, 79.3985



74.3769, 81.9479, 91.3655



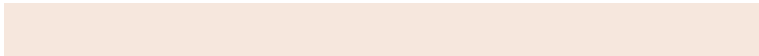
78.6321, 81.9479, 99.8355

Rectangle

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



81.5100, 81.9479, 87.1228



79.6267, 81.9479, 80.3515



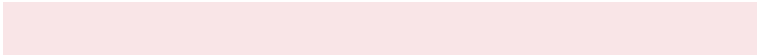
74.3769, 81.9479, 91.3655



76.1768, 81.9479, 98.7339

Sweetspot

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



81.5123, 81.9515, 87.1246



92.7141, 96.4969, 104.5183



83.4783, 82.6560, 101.1778



19.8691, 20.6910, 22.4171



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

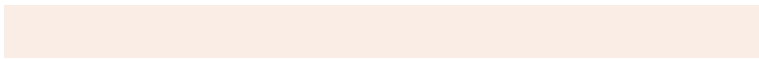
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.5123, 81.9515, 87.1246



83.9697, 83.4045, 88.0505



83.4963, 86.3681, 86.4031



17.3150, 17.2533, 18.2484



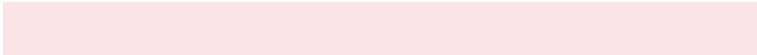
21.0280, 10.8269, 1.5902



1.9703, 1.0118, 0.2669

Inverse Universe

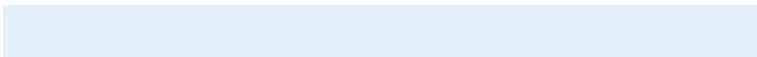
The Inverse Universe completely reimagines the original color for something new.



81.5123, 81.9515, 87.1246



83.9697, 83.4045, 88.0505



80.8703, 86.4110, 102.0401



17.3150, 17.2533, 18.2484



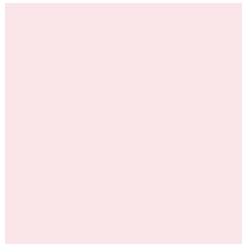
21.0280, 10.8269, 1.5902



1.9703, 1.0118, 0.2669

Previews

White Background



This preview shows how the XYZ color 81.5100, 81.9479, 87.1228 looks on a white background.

Color Contrast Check

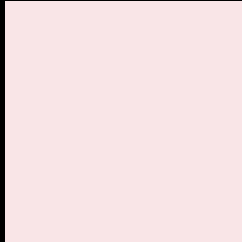
Large Text (above 18pt) WCAG AA × Fail

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 81.5100, 81.9479, 87.1228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

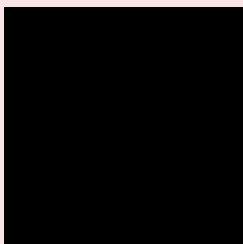
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

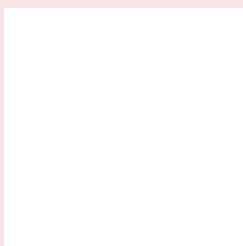
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.5100, 81.9479, 87.1228

Background



This preview shows how black text looks on a background with the XYZ color 81.5100, 81.9479, 87.1228.



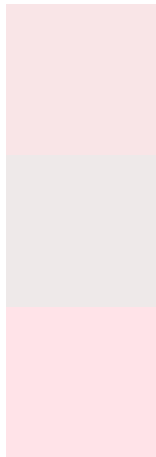
This preview shows how white text looks on a background with the XYZ color 81.5100, 81.9479,

87.1228.

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

81.5100, 81.9479, 87.1228

Protanopia

79.1068, 82.3382, 88.8143

Deuteranopia

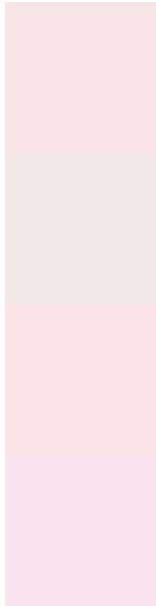
83.2746, 82.0244, 87.7872



Tritanopia

83.7342, 82.0400, 97.8082

Trichromacy



Original Color

81.5100, 81.9479, 87.1228

Protanomaly

80.0401, 82.4167, 88.0334

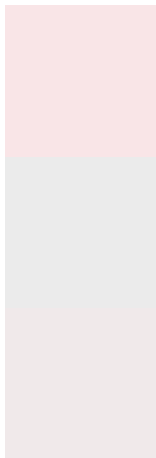
Deuteranomaly

82.8169, 82.1956, 87.8444

Tritanomaly

82.8959, 82.1021, 93.9163

Monochromacy



Original Color

81.5100, 81.9479, 87.1228

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

79.9254, 82.7436, 89.6005

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.5100, 81.9479, 87.1228 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(249, 229, 231) looks like.

```
.text, #text, p{  
    color:rgb(249, 229, 231)  
}
```

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(249, 229, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 229, 231) }
```

Border

The CSS property to change the border of an element to XYZ 81.5100, 81.9479, 87.1228 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(249, 229, 231) }
```


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

```
.border{ border-color:rgb(249, 229, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 229, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 229, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 229, 231);  
box-shadow:4px 4px 4px 4px rgb(249, 229,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 81.5100, 81.9479, 87.1228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 229, 231) }
```

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

```
.background{ background-color: rgb(249,  
229, 231) }
```

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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