

Converting Colors

XYZ(82.5012, 81.7373,
101.0506)

Have a look what the booklet for
XYZ(82.5012, 81.7373, 101.0506)
contains.

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Color

**XYZ(82.4985, 81.7388,
101.0516)**

Conversions

Conversions Part 1

Format	Color
Hex	F5E4F9
RGB	245, 228, 249
RGB Percent	96%, 89%, 98%
CMY	0.0392, 0.1059, 0.0235
CMYK	0.02, 0.08, 0.00, 0.02
HSL	289°, 64%, 94%
HSV	289°, 8%, 98%
XYZ	82.4985, 81.7388, 101.0516
YIQ	235.4770, 3.3910, 10.1350

Conversions

Conversions Part 2

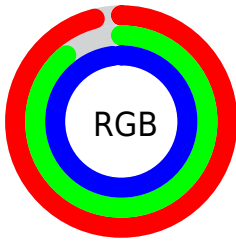
Format	Color
R _Y B	245, 228, 249
Decimal	16114937
CIE Lab	92.46, 9.45, -8.09
CIE LCh	92, 12.439, 319.453
Yxy	81.7388, 0.3110, 0.3081
Android (android.graphics.Color)	4294305017 (0xFFFF5E4F9)
YUV	235.4770, 6.6668, 8.3517
Hunter-Lab	90.4095, 4.6642, -2.9824

Details

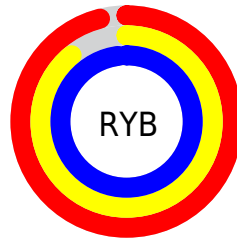
The XYZ color **82.4985, 81.7388, 101.0516** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.1609, 90.5107, 86.5955**, and the grayscale version is **79.2801, 83.4088, 90.8322**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.5555, 44.5562, 56.6513** is the 20% darker color. If you saturate the color by 10%, you get **74.5029, 68.1718, 98.8556**, and if you desaturate by 10%, it is **91.5278, 97.3076, 103.5820**.

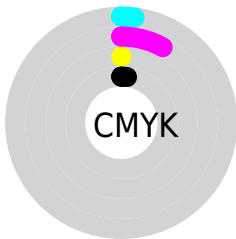
Distribution



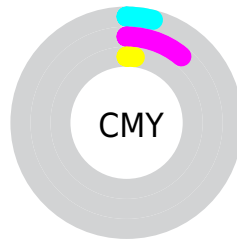
- Red (96%)
- Green (89%)
- Blue (98%)



- Red (96%)
- Yellow (89%)
- Blue (98%)



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



- Cyan (4%)
- Magenta (11%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.4985, 81.7388, 101.0516 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 82.4985, 81.7388, 101.0516 by changing the saturation by 10% instead.

82.4985, 81.7388,
101.0516

82.4985, 81.7388,
101.0516

491.9229,
500.7736, 584.8344

62.0920, 61.1503,
76.5573

135.8050,
135.8076, 164.6660

45.3629, 44.3464,
56.3802

169.4358,
170.0567, 204.6232

31.9459, 30.9430,
40.1018

208.2054,
209.6281, 250.5718

21.4755, 20.5554,
27.3035

252.4791,
254.9063, 302.9303

13.5865, 12.7994,
17.5669

302.6224,
306.2755, 362.1173

7.9134, 7.2906,
10.4733

359.0005,

4.0909, 3.6445,

364.1201, 428.5513

5.6042

421.9789,
428.8247, 502.6508

■ 1.7537, 1.4767,
2.5411

■ 0.4895, 0.2723,
0.8618

■ 82.4985, 81.7388,
101.0516

■ 82.4985, 81.7388,
101.0516

■ 74.5029, 68.1718,
98.8556

■ 91.5278, 97.3076,
103.5820

■ 67.4916, 56.5121,
96.9745

■ 93.9113, 99.5228,
103.8840

■ 61.4217, 46.6730,
95.3953

■ 94.0991, 99.6196,
103.8928

■ 56.2441, 38.5571,
94.1017

■ 51.9053, 32.0577,
93.0759

■ 48.3458, 27.0562,
92.2981

■ 45.4977, 23.4176,
91.7458

■ 43.2810, 20.9820,
91.3926

■ 41.5828, 19.5244,
91.2007

Harmonies

Analogous

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



79.7739, 81.7388, 106.8185



82.4985, 81.7388, 101.0516



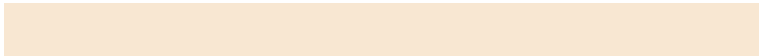
83.9478, 81.7388, 92.2902

Triad

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



82.4985, 81.7388, 101.0516



78.8309, 81.7388, 72.6562



71.9883, 81.7388, 95.0465

Complementary

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



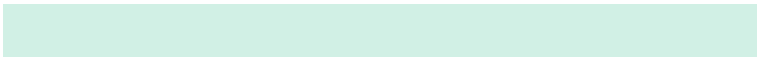
82.4985, 81.7388, 101.0516



81.1609, 90.5107, 86.5955

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.



71.7517, 81.7388, 85.7882



82.4985, 81.7388, 101.0516



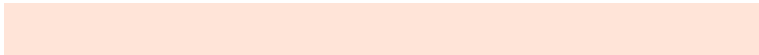
75.6432, 81.7388, 73.2815

Square

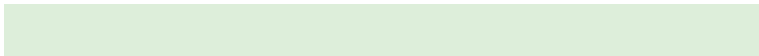
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.4985, 81.7388, 101.0516



81.7918, 81.7388, 76.1746



73.0726, 81.7388, 77.9462



73.7282, 81.7388, 103.1890

Rectangle

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



82.4985, 81.7388, 101.0516



83.9694, 81.7388, 86.1144



73.0726, 81.7388, 77.9462



71.7322, 81.7388, 91.9486

Sweetspot

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



82.5009, 81.7423, 101.0534



92.1238, 94.9405, 108.0776



78.0101, 81.1631, 101.1783



19.5545, 20.0388, 23.0872



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.



82.5009, 81.7423, 101.0534



85.6832, 83.8860, 106.2834



82.9452, 82.0830, 96.0308



17.6499, 17.3477, 21.8035



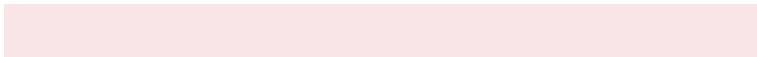
22.2431, 10.4094, 48.8104



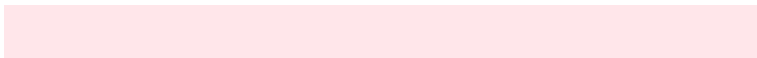
2.1406, 1.0056, 4.5245

Inverse Universe

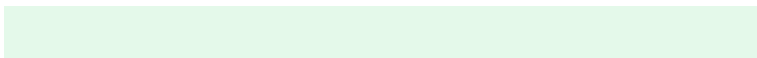
The Inverse Universe completely reimagines the original color for something new.



81.3786, 81.4564, 87.7814



84.3006, 83.5368, 89.7927



80.7679, 90.2052, 91.2258



17.3797, 17.2792, 18.5892



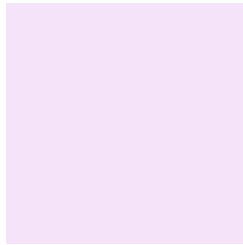
21.2295, 10.9075, 2.6513



2.0011, 1.0242, 0.4292

Previews

White Background



This preview shows how the XYZ color 82.4985, 81.7388, 101.0516 looks on a white background.

Color Contrast Check

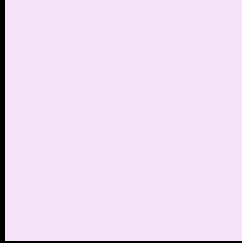
Large Text (above 18pt) WCAG AA × Fail

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 82.4985, 81.7388, 101.0516 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

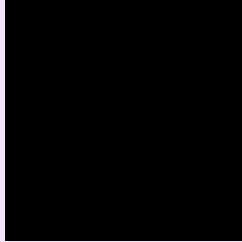
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.4985, 81.7388, 101.0516

Background



This preview shows how black text looks on a background with the XYZ color 82.4985, 81.7388, 101.0516.

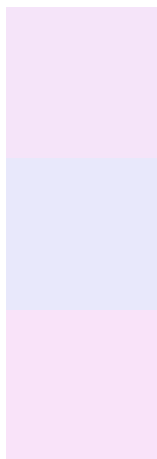


This preview shows how white text looks on a background with the XYZ color 82.4985, 81.7388,

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

82.4985, 81.7388, 101.0516

Protanopia

79.5479, 81.8341, 102.8697

Deuteranopia

83.6349, 81.9175, 101.0261



Tritanopia

82.0341, 81.5531, 98.6064

Trichromacy



Original Color

82.4985, 81.7388, 101.0516

Protanomaly

80.7563, 82.0585, 102.0250

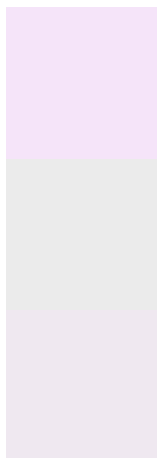
Deuteranomaly

83.2794, 81.7342, 101.0095

Tritanomaly

82.1881, 81.6147, 99.4171

Monochromacy



Original Color

82.4985, 81.7388, 101.0516

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

80.1814, 82.3552, 94.1082

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.4985, 81.7388, 101.0516 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(245, 228, 249) looks like.

```
.text, #text, p{  
    color:rgb(245, 228, 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(245, 228, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 228, 249) }
```

Border

The CSS property to change the border of an element to XYZ 82.4985, 81.7388, 101.0516 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(245, 228, 249) }
```


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

```
.border{ border-color:rgb(245, 228, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 228, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 228, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 228, 249);  
box-shadow:4px 4px 4px 4px rgb(245, 228,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 82.4985, 81.7388, 101.0516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 228, 249) }
```

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

```
.background{ background-color: rgb(245,  
228, 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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