

Converting Colors

XYZ(81.3842, 81.0154, 99.6273)

Have a look what the booklet for
XYZ(81.3842, 81.0154, 99.6273)
contains.

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Color

**XYZ(81.4941, 81.2569,
99.3846)**

Conversions

Conversions Part 1

Format	Color
Hex	F3E4F7
RGB	243, 228, 247
RGB Percent	95%, 89%, 97%
CMY	0.0471, 0.1059, 0.0314
CMYK	0.02, 0.08, 0.00, 0.03
HSL	287°, 54%, 93%
HSV	287°, 8%, 97%
XYZ	81.4941, 81.2569, 99.3846
YIQ	234.6510, 2.8410, 9.0890

Conversions

Conversions Part 2

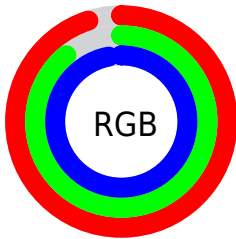
Format	Color
R_{YB}	243, 228, 247
Decimal	15983863
CIE _{Lab}	92.25, 8.43, -7.38
CIE _{LCh}	92, 11.200, 318.813
Yxy	81.2569, 0.3109, 0.3100
Android (android.graphics.Color)	4294173943 (0xFFFF3E4F7)
YUV	234.6510, 6.0881, 7.3221
Hunter-Lab	90.1426, 3.6247, -2.2690

Details

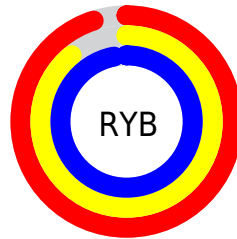
The XYZ color **81.4941, 81.2569, 99.3846** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.5460, 89.2808, 86.3906**, and the grayscale version is **78.6561, 82.7523, 90.1173**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.8411, 44.2135, 55.4609** is the 20% darker color. If you saturate the color by 10%, you get **73.4101, 67.7145, 97.1980**, and if you desaturate by 10%, it is **90.6044, 96.7739, 101.9007**.

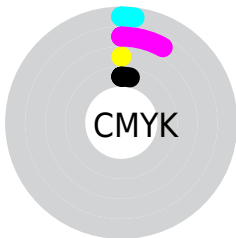
Distribution



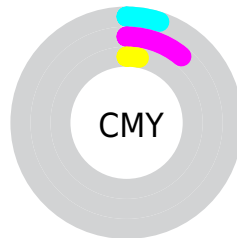
- Red (95%)
- Green (89%)
- Blue (97%)



- Red (95%)
- Yellow (89%)
- Blue (97%)



- Cyan (2%)
- Magenta (8%)
- Yellow (0%)
- Black (3%)



- Cyan (5%)
- Magenta (11%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.4941, 81.2569, 99.3846 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 81.4941, 81.2569, 99.3846 by changing the saturation by 10% instead.

81.4941, 81.2569,
99.3846

81.4941, 81.2569,
99.3846

488.6141,
499.1586, 579.4477

61.2613, 60.7532,
75.1727

134.4039,
135.1314, 162.3557

44.6894, 44.0260,
55.2518

167.8115,
169.2711, 201.9520

31.4131, 30.6910,
39.2034

206.3415,
208.7248, 247.5135

21.0670, 20.3636,
26.6089

250.3592,
253.8770, 299.4587

13.2857, 12.6597,
17.0499

300.2300,
305.1121, 358.2061

7.7039, 7.1946,
10.1077

356.3192,

3.9563, 3.5841,

362.8145, 424.1744

5.3639

418.9921,
427.3685, 497.7821

■ 1.6774, 1.4437,
2.3999

■ 0.4421, 0.2486,
0.7864

■ 81.4941, 81.2569,
99.3846

■ 81.4941, 81.2569,
99.3846

■ 73.4101, 67.7145,
97.1980

■ 90.6044, 96.7739,
101.9007

■ 66.3039, 56.0542,
95.3218

■ 93.2037, 99.1939,
102.2308

■ 60.1336, 46.1914,
93.7433

■ 93.7887, 99.4955,
102.2582

■ 54.8513, 38.0312,
92.4466

■ 50.4049, 31.4696,
91.4145

■ 46.7363, 26.3913,
90.6276

■ 43.7797, 22.6653,
90.0643

■ 41.4576, 20.1372,
89.6987

■ 39.6667, 18.6014,
89.4966

Harmonies

Analogous

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



79.0398, 81.2569, 104.4259



81.4941, 81.2569, 99.3846



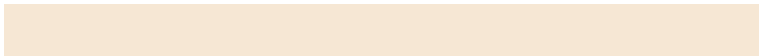
82.8181, 81.2569, 91.6015

Triad

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



81.4941, 81.2569, 99.3846



78.3164, 81.2569, 73.7504



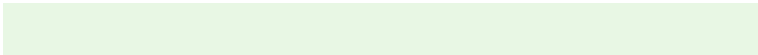
72.0861, 81.2569, 93.7119

Complementary

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



81.4941, 81.2569, 99.3846



80.5460, 89.2808, 86.3906

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.



71.9034, 81.2569, 85.4204



81.4941, 81.2569, 99.3846



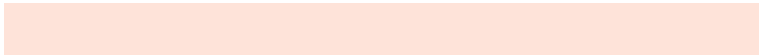
75.4524, 81.2569, 74.2371

Square

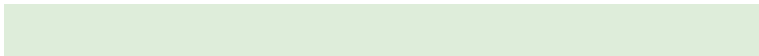
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.4941, 81.2569, 99.3846



80.9531, 81.2569, 77.0205



73.1216, 81.2569, 78.3944



73.6272, 81.2569, 101.0123

Rectangle

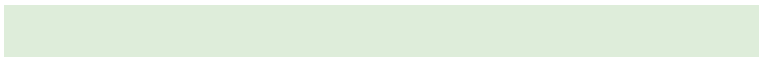
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.4941, 81.2569, 99.3846



82.8600, 81.2569, 86.0568



73.1216, 81.2569, 78.3944



71.8653, 81.2569, 90.9380

Sweetspot

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



81.4965, 81.2604, 99.3864



93.0506, 96.5860, 108.3464



77.6762, 80.9920, 99.5359



19.9376, 20.7091, 23.1964



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.



81.4965, 81.2604, 99.3864



86.4052, 85.3164, 106.5214



82.0731, 81.6523, 95.1397



16.8521, 16.5819, 20.8550



20.9036, 9.7505, 47.3183



1.9207, 0.9000, 4.1627

Inverse Universe

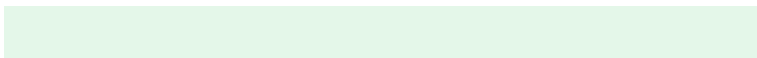
The Inverse Universe completely reimagines the original color for something new.



80.6694, 81.0908, 87.7481



85.3795, 85.1089, 91.9582



80.0213, 88.9227, 90.3278



16.6419, 16.5396, 17.8606



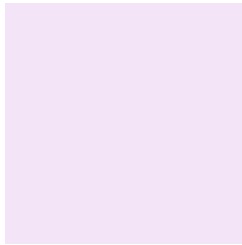
20.6556, 10.6057, 2.8948



1.8515, 0.9466, 0.4442

Previews

White Background



This preview shows how the XYZ color 81.4941, 81.2569, 99.3846 looks on a white background.

Color Contrast Check

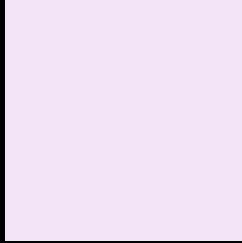
Large Text (above 18pt) WCAG AA × Fail

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 81.4941, 81.2569, 99.3846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

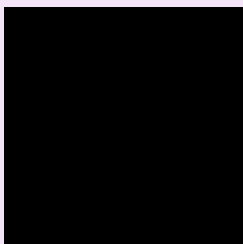
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

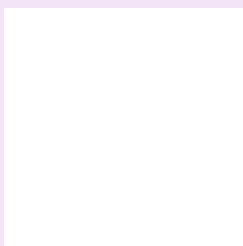
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.4941, 81.2569, 99.3846

Background



This preview shows how black text looks on a background with the XYZ color 81.4941, 81.2569, 99.3846.



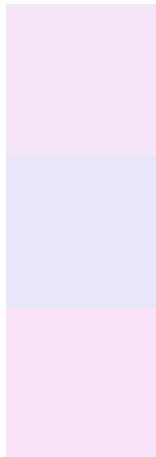
This preview shows how white text looks on a background with the XYZ color 81.4941, 81.2569,

99.3846.

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

81.4941, 81.2569, 99.3846

Protanopia

78.9535, 81.1472, 101.1242

Deuteranopia

83.0518, 81.2478, 99.3008



Tritanopia

81.3401, 81.1953, 98.5740

Trichromacy



Original Color

81.4941, 81.2569, 99.3846

Protanomaly

79.8322, 81.2038, 100.2732

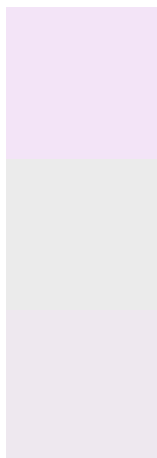
Deuteranomaly

82.6154, 81.4277, 99.3585

Tritanomaly

81.3401, 81.1953, 98.5740

Monochromacy



Original Color

81.4941, 81.2569, 99.3846

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

79.6965, 82.1224, 93.3121

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.4941, 81.2569, 99.3846 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, 228, 247) looks like.

```
.text, #text, p{  
    color:rgb(243, 228, 247)  
}
```

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, 228, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 228, 247) }
```

Border

The CSS property to change the border of an element to XYZ 81.4941, 81.2569, 99.3846 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, 228, 247) }
```


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

```
.border{ border-color:rgb(243, 228, 247) }
```

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

Here you see how a box with a 4 pixel rgb(243, 228, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 228, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 228, 247);  
box-shadow:4px 4px 4px 4px rgb(243, 228,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 81.4941, 81.2569, 99.3846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 228, 247) }
```

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

```
.background{ background-color: rgb(243,  
228, 247) }
```

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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