

Converting Colors

XYZ(82.3940, 80.7816,
105.0157)

Have a look what the booklet for
XYZ(82.3940, 80.7816, 105.0157)
contains.

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Color

**XYZ(82.3940, 80.7816,
105.0157)**

Conversions

Conversions Part 1

Format	Color
Hex	F4E2FE
RGB	244, 226, 254
RGB Percent	96%, 89%, 100%
CMY	0.0431, 0.1137, 0.0039
CMYK	0.04, 0.11, 0.00, 0.00
HSL	279°, 93%, 94%
HSV	279°, 11%, 100%
XYZ	82.3940, 80.7816, 105.0157
YIQ	234.5740, 1.7400, 12.5240

Conversions

Conversions Part 2

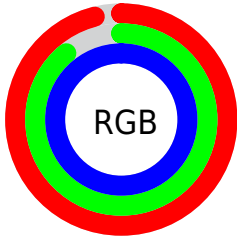
Format	Color
R_{YB}	244, 226, 254
Decimal	16048894
CIE _{Lab}	92.03, 11.08, -11.34
CIE _{LCh}	92, 15.854, 314.349
Yxy	80.7816, 0.3072, 0.3012
Android (android.graphics.Color)	4294238974 (0xFFFF4E2FE)
YUV	234.5740, 9.5770, 8.2666
Hunter-Lab	89.8786, 6.3480, -6.3605

Details

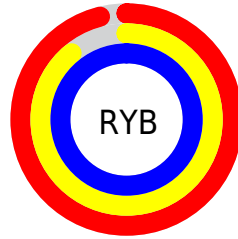
The XYZ color **82.3940, 80.7816, 105.0157** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **83.7643, 94.2096, 85.7250**, and the grayscale version is **78.5726, 82.6645, 90.0216**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.3800, 43.8484, 58.8951** is the 20% darker color. If you saturate the color by 10%, you get **72.9221, 66.3956, 102.7394**, and if you desaturate by 10%, it is **93.0488, 97.3006, 107.6438**.

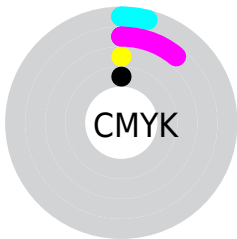
Distribution



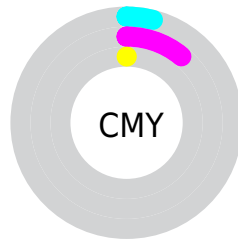
- Red (96%)
- Green (89%)
- Blue (100%)



- Red (96%)
- Yellow (89%)
- Blue (100%)



- Cyan (4%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)





- Cyan (4%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.3940, 80.7816, 105.0157 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 82.3940, 80.7816, 105.0157 by changing the saturation by 10% instead.


 82.3940, 80.7816,
105.0157

 82.3940, 80.7816,
105.0157


491.5792,
497.5630, 597.5400

 62.0056, 60.3617,
79.8558


135.6593,
134.4641, 170.1448

 45.2928, 43.7103,
59.0742


169.2669,
168.4955, 210.9510

 31.8904, 30.4428,
42.2525


208.0116,
207.8328, 257.8097

 21.4329, 20.1749,
28.9720

252.2588,
252.8606, 311.1395

 13.5551, 12.5223,
18.8142

302.3738,
303.9630, 371.3589

 7.8915, 7.1004,
11.3607

358.7220,

 4.0768, 3.5250,

361.5247, 438.8864

6.1928

421.6686,
425.9299, 514.1406

■ 1.7457, 1.4116,
2.8920

■ 0.4846, 0.2252,
1.0397

■ 82.3940, 80.7816,
105.0157

■ 82.3940, 80.7816,
105.0157

■ 72.9221, 66.3956,
102.7394

■ 93.0488, 97.3006,
107.6438

■ 64.5788, 54.0414,
100.7945

94.8896, 99.9358,
108.0555

■ 57.3162, 43.6251,
99.1667

■ 51.0797, 35.0411,
97.8386

■ 45.8096, 28.1733,
96.7907

■ 41.4393, 22.8923,
96.0017

■ 37.8927, 19.0493,
95.4469

■ 35.0789, 16.4663,
95.0966

■ 33.0507, 14.9716,
94.9150

Harmonies

Analogous

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



78.7405, 80.7816, 111.5602



82.3940, 80.7816, 105.0157



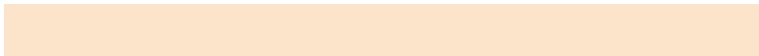
84.5823, 80.7816, 94.1567

Triad

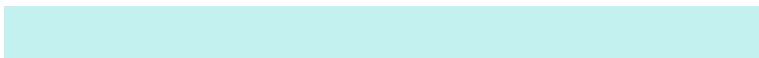
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.3940, 80.7816, 105.0157



78.9156, 80.7816, 68.0545



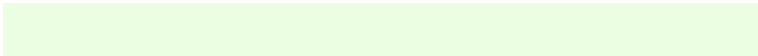
69.4307, 80.7816, 93.6419

Complementary

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



82.3940, 80.7816, 105.0157



83.7643, 94.2096, 85.7250

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.



69.4738, 80.7816, 82.0364



82.3940, 80.7816, 105.0157



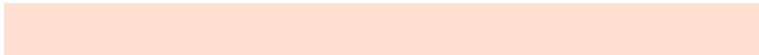
74.8533, 80.7816, 67.9432

Square

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



82.3940, 80.7816, 105.0157



82.5261, 80.7816, 73.1730



71.4279, 80.7816, 72.8543



71.3079, 80.7816, 104.6102

Rectangle

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



82.3940, 80.7816, 105.0157



84.8687, 80.7816, 86.2652



71.4279, 80.7816, 72.8543



69.2232, 80.7816, 89.6717

Sweetspot

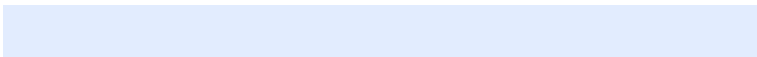
The Sweet Spot groups the original color and five complimentary colors.



82.3964, 80.7851, 105.0175



91.6598, 94.7012, 108.0559



79.3289, 83.4725, 105.6979



19.4290, 19.9741, 23.0813



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.



82.3964, 80.7851, 105.0175



81.1487, 78.4660, 105.4762



85.3690, 82.3859, 102.0662



18.1264, 17.9569, 22.7606



17.5912, 7.9791, 50.0475



1.8320, 0.8383, 4.8785

Inverse Universe

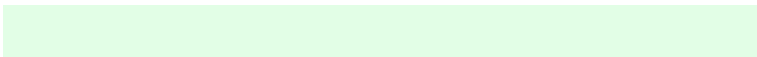
The Inverse Universe completely reimagines the original color for something new.



83.2125, 81.5233, 90.7106



82.1283, 79.3456, 88.5956



81.0543, 92.7527, 88.3015



18.2774, 18.0943, 20.0779



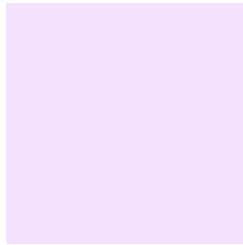
22.6017, 11.5300, 6.5530



2.2505, 1.1426, 0.9005

Previews

White Background



This preview shows how the XYZ color 82.3940, 80.7816, 105.0157 looks on a white background.

Color Contrast Check

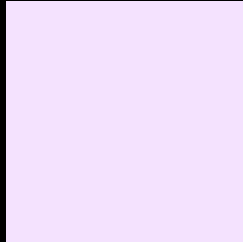
Large Text (above 18pt) WCAG AA × Fail

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 82.3940, 80.7816, 105.0157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

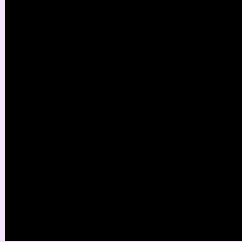
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

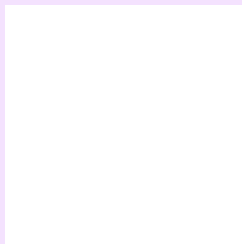
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.3940, 80.7816, 105.0157

Background



This preview shows how black text looks on a background with the XYZ color 82.3940, 80.7816, 105.0157.



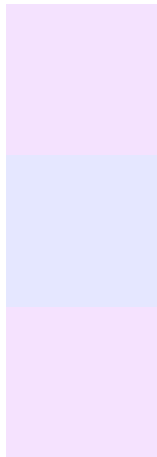
This preview shows how white text looks on a background with the XYZ color 82.3940, 80.7816,

105.0157.

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

82.3940, 80.7816, 105.0157

Protanopia

78.9390, 81.0298, 106.0875

Deuteranopia

82.7419, 80.9609, 105.0320



Tritanopia

80.9127, 80.5854, 97.6762

Trichromacy



Original Color

82.3940, 80.7816, 105.0157

Protanomaly

80.0010, 80.7510, 105.9777

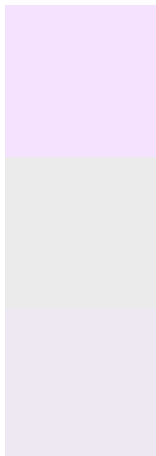
Deuteranomaly

82.7419, 80.9609, 105.0320

Tritanomaly

81.3745, 80.7702, 100.1082

Monochromacy



Original Color

82.3940, 80.7816, 105.0157

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

80.1435, 82.3012, 95.6661

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.3940, 80.7816, 105.0157 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(244, 226, 254) looks like.

```
.text, #text, p{  
    color:rgb(244, 226, 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(244, 226, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 226, 254) }
```

Border

The CSS property to change the border of an element to XYZ 82.3940, 80.7816, 105.0157 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(244, 226, 254) }
```


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

```
.border{ border-color:rgb(244, 226, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 226, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 226, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 226, 254);  
box-shadow:4px 4px 4px 4px rgb(244, 226,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 82.3940, 80.7816, 105.0157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 226, 254) }
```

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

```
.background{ background-color: rgb(244,  
226, 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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