

Converting Colors

XYZ(83.4906, 81.4337,
100.1107)

Have a look what the booklet for
XYZ(83.4906, 81.4337, 100.1107)
contains.

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Color

**XYZ(83.5640, 81.4940,
100.1326)**

Conversions

Conversions Part 1

Format	Color
Hex	FAE2F8
RGB	250, 226, 248
RGB Percent	98%, 89%, 97%
CMY	0.0196, 0.1137, 0.0274
CMYK	0.00, 0.10, 0.01, 0.02
HSL	305°, 71%, 93%
HSV	305°, 10%, 98%
XYZ	83.5640, 81.4940, 100.1326
YIQ	235.6840, 7.2420, 11.9300

Conversions

Conversions Part 2

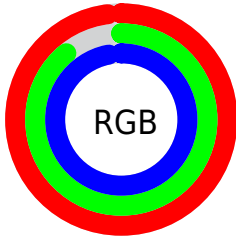
Format	Color
RYB	250, 226, 248
Decimal	16442104
CIELab	92.35, 11.96, -7.68
CIElCh	92, 14.217, 327.303
Yxy	81.4940, 0.3151, 0.3073
Android (android.graphics.Color)	4294632184 (0xFFFAE2F8)
YUV	235.6840, 6.0718, 12.5551
Hunter-Lab	90.2740, 7.2526, -2.5731

Details

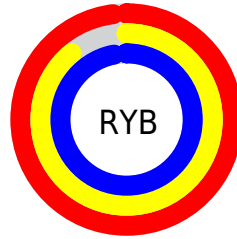
The XYZ color **83.5640, 81.4940, 100.1326** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.5564, 90.1437, 86.6095**, and the grayscale version is **79.4404, 83.5775, 91.0159**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.0697, 44.2690, 55.9858** is the 20% darker color. If you saturate the color by 10%, you get **76.9348, 68.7489, 96.3375**, and if you desaturate by 10%, it is **91.1927, 96.2298, 104.2805**.

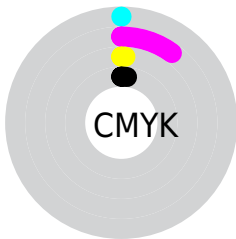
Distribution



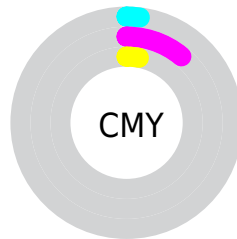
- Red (98%)
- Green (89%)
- Blue (97%)



- Red (98%)
- Yellow (89%)
- Blue (97%)



- Cyan (0%)
- Magenta (10%)
- Yellow (1%)
- Black (2%)




- Cyan (2%)
- Magenta (11%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 83.5640, 81.4940, 100.1326 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 83.5640, 81.4940, 100.1326 by changing the saturation by 10% instead.


 83.5640, 81.4940,
100.1326

 83.5640, 81.4940,
100.1326


495.4198,
499.9536, 581.8680

 62.9740, 60.9485,
75.7938


137.2895,
135.4642, 163.3929

 46.0788, 44.1836,
55.7578


171.1558,
169.6577, 203.1514

 32.5129, 30.8149,
39.6061


210.1782,
209.1694, 248.8869

 21.9110, 20.4579,
26.9201

254.7221,
254.3836, 301.0179

 13.9077, 12.7284,
17.2813

305.1529,
305.6847, 359.9630

 8.1378, 7.2418,
10.2712

361.8358,

 4.2358, 3.6138,

363.4571, 426.1407

5.4712

425.1364,
428.0853, 499.9695

■ 1.8364, 1.4599,
2.4628

■ 0.5394, 0.2603,
0.8203

■ 83.5640, 81.4940,
100.1326

■ 83.5640, 81.4940,
100.1326

■ 76.9348, 68.7489,
96.3375

■ 91.1927, 96.2298,
104.2805

■ 71.2552, 57.8986,
92.8757

■ 92.7825, 98.8833,
106.4324

■ 66.4819, 48.8550,
89.7336

■ 93.1149, 99.0163,
108.1830

■ 62.5651, 41.5187,
86.8946

■ 93.2349, 99.0643,
108.8151

■ 59.4504, 35.7811,
84.3406

■ 57.0772, 31.5208,
82.0512

■ 55.3763, 28.5993,
80.0032

■ 54.2650, 26.8515,
78.1692

■ 53.6132, 26.0170,
76.5056

Harmonies

Analogous

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



80.7477, 81.4940, 107.9791



83.5640, 81.4940, 100.1326



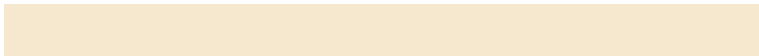
84.7403, 81.4940, 89.6899

Triad

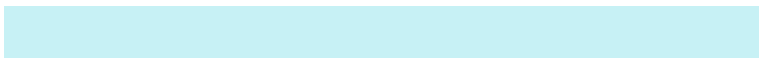
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.5640, 81.4940, 100.1326



77.7910, 81.4940, 69.9968



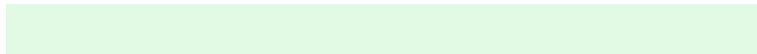
71.3406, 81.4940, 98.3534

Complementary

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



83.5640, 81.4940, 100.1326



79.5564, 90.1437, 86.6095

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.



70.6046, 81.4940, 87.7831



83.5640, 81.4940, 100.1326



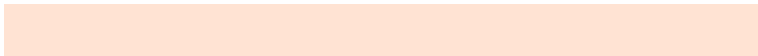
74.2581, 81.4940, 71.9218

Square

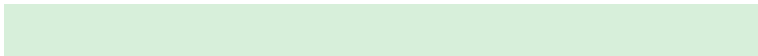
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



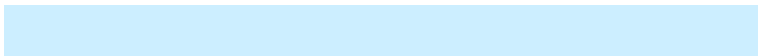
83.5640, 81.4940, 100.1326



81.3419, 81.4940, 72.7537



71.6562, 81.4940, 78.2334



73.6990, 81.4940, 106.8960

Rectangle

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



83.5640, 81.4940, 100.1326



84.4092, 81.4940, 82.8434



71.6562, 81.4940, 78.2334



70.8986, 81.4940, 94.8956

Sweetspot

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



83.5664, 81.4975, 100.1344



92.5554, 95.1748, 107.5628



76.4501, 77.7929, 101.4301



19.6715, 20.1023, 22.9476



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.



83.5664, 81.4975, 100.1344



85.6453, 81.8434, 103.7526



81.7638, 80.7765, 90.6420



17.9270, 17.4981, 21.4711



28.4520, 13.7965, 40.6839



2.6530, 1.2850, 3.8622

Inverse Universe

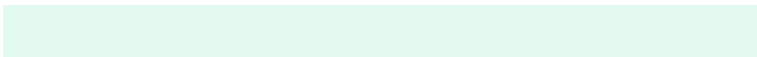
The Inverse Universe completely reimagines the original color for something new.



83.5664, 81.4975, 100.1344



85.6453, 81.8434, 103.7526



81.2806, 90.8334, 95.6894



17.9270, 17.4981, 21.4711



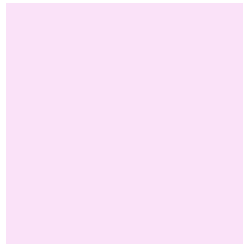
28.4520, 13.7965, 40.6839



2.6530, 1.2850, 3.8622

Previews

White Background



This preview shows how the XYZ color 83.5640, 81.4940, 100.1326 looks on a white background.

Color Contrast Check

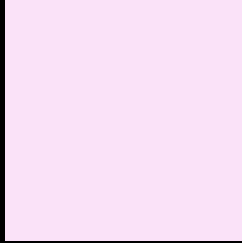
Large Text (above 18pt) WCAG AA × Fail

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 83.5640, 81.4940, 100.1326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

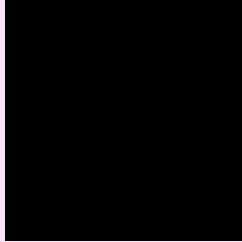
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 83.5640, 81.4940, 100.1326

Background



This preview shows how black text looks on a background with the XYZ color 83.5640, 81.4940, 100.1326.



This preview shows how white text looks on a background with the XYZ color 83.5640, 81.4940,

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

83.5640, 81.4940, 100.1326

Protanopia

79.5479, 81.8341, 102.8697

Deuteranopia

83.2066, 81.3098, 100.1158



Tritanopia

82.8651, 81.6096, 96.9727

Trichromacy



Original Color

83.5640, 81.4940, 100.1326

Protanomaly

81.1487, 81.8465, 101.9634

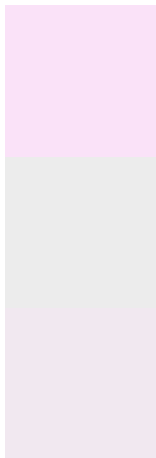
Deuteranomaly

83.2066, 81.3098, 100.1158

Tritanomaly

83.0174, 81.6705, 97.7747

Monochromacy



Original Color

83.5640, 81.4940, 100.1326

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

80.8604, 82.7053, 94.1400

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.5640, 81.4940, 100.1326 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(250, 226, 248)` looks like.

```
.text, #text, p{  
    color:rgb(250, 226, 248)  
}
```

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(250, 226, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 226, 248) }
```

Border

The CSS property to change the border of an element to XYZ 83.5640, 81.4940, 100.1326 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(250, 226, 248) }
```


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

```
.border{ border-color:rgb(250, 226, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 226, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 226, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 226, 248);  
box-shadow:4px 4px 4px 4px rgb(250, 226,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 83.5640, 81.4940, 100.1326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 226, 248) }
```

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

```
.background{ background-color: rgb(250,  
226, 248) }
```

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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