

Converting Colors

XYZ(83.4978, 83.1198, 99.9221)

Have a look what the booklet for
XYZ(83.4978, 83.1198, 99.9221)
contains.

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Color

**XYZ(83.4431, 83.0832,
99.6344)**

Conversions

Conversions Part 1

Format	Color
Hex	F7E6F7
RGB	247, 230, 247
RGB Percent	97%, 90%, 97%
CMY	0.0314, 0.0980, 0.0314
CMYK	0.00, 0.07, 0.00, 0.03
HSL	300°, 52%, 94%
HSV	300°, 7%, 97%
XYZ	83.4431, 83.0832, 99.6344
YIQ	237.0210, 4.6750, 8.8910

Conversions

Conversions Part 2

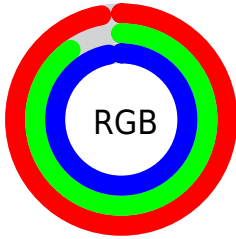
Format	Color
RYB	247, 230, 247
Decimal	16246519
CIELab	93.05, 8.72, -6.15
CIELCh	93, 10.668, 324.793
Yxy	83.0832, 0.3135, 0.3122
Android (android.graphics.Color)	4294436599 (0xFFFF7E6F7)
YUV	237.0210, 4.9196, 8.7516
Hunter-Lab	91.1500, 3.8950, -1.0038

Details

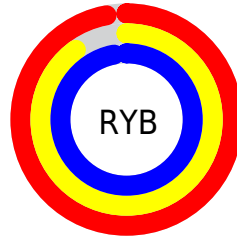
The XYZ color **83.4431, 83.0832, 99.6344** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **80.1800, 89.0600, 87.8316**, and the grayscale version is **80.4753, 84.6663, 92.2016**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.2198, 45.4979, 55.6361** is the 20% darker color. If you saturate the color by 10%, you get **77.0516, 70.2989, 97.5047**, and if you desaturate by 10%, it is **90.8134, 97.8225, 102.0923**.

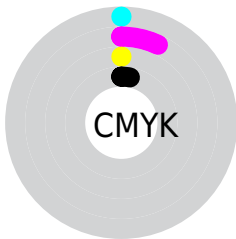
Distribution



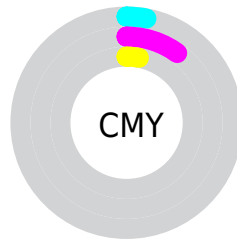
- Red (97%)
- Green (90%)
- Blue (97%)



- Red (97%)
- Yellow (90%)
- Blue (97%)



- Cyan (0%)
- Magenta (7%)
- Yellow (0%)
- Black (3%)





- Cyan (3%)
- Magenta (10%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.4431, 83.0832, 99.6344 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 83.4431, 83.0832, 99.6344 by changing the saturation by 10% instead.


 83.4431, 83.0832,
99.6344

 83.4431, 83.0832,
99.6344


495.0237,
505.2638, 580.2566

 62.8739, 62.2588,
75.3801


137.1212,
137.6920, 162.7022

 45.9975, 45.2418,
55.4207


170.9608,
172.2451, 202.3527

 32.4484, 31.6480,
39.3378


209.9546,
212.1433, 247.9723

 21.8615, 21.0927,
26.7128

254.4679,
257.7710, 299.9797

 13.8712, 13.1918,
17.1271

304.8661,
309.5124, 358.7932

 8.1122, 7.5608,
10.1622

361.5146,

 4.2192, 3.8152,

367.7521, 424.8315

5.3996

424.7787,
432.8744, 498.5131

■ 1.8269, 1.5707,
2.4208

■ 0.5338, 0.3377,
0.7977

■ 83.4431, 83.0832,
99.6344

■ 83.4431, 83.0832,
99.6344

■ 77.0516, 70.2989,
97.5047

■ 90.8134, 97.8225,
102.0923

■ 71.5908, 59.3774,
95.6843

■ 90.9072, 98.0100,
102.1238

■ 67.0196, 50.2351,
94.1604

■ 90.9072, 98.0100,
102.1240

■ 63.2908, 42.7776,
92.9173

■ 90.9072, 98.0100,
102.1241

60.3531, 36.9023,
91.9379

90.9073, 98.0100,
102.1243

58.1495, 32.4950,
91.2031

90.9073, 98.0100,
102.1245

56.6151, 29.4265,
90.6915

90.9073, 98.0100,
102.1247

55.6743, 27.5448,
90.3777

90.9074, 98.0101,
102.1249

55.2304, 26.6571,
90.2296

90.9074, 98.0101,
102.1251

Harmonies

Analogous

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



81.2442, 83.0832, 105.1746



83.4431, 83.0832, 99.6344



84.4444, 83.0832, 91.8680

Triad

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



83.4431, 83.0832, 99.6344



79.4570, 83.0832, 75.9792



74.1870, 83.0832, 97.0754

Complementary

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



83.4431, 83.0832, 99.6344



80.1800, 89.0600, 87.8316

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.



73.7338, 83.0832, 89.0733



83.4431, 83.0832, 99.6344



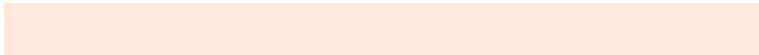
76.7349, 83.0832, 77.1924

Square

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



83.4431, 83.0832, 99.6344



82.1085, 83.0832, 78.4564



74.6560, 83.0832, 81.8733



75.9087, 83.0832, 103.6371

Rectangle

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



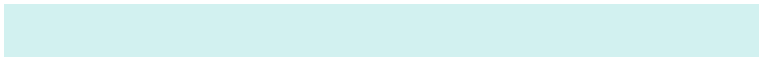
83.4431, 83.0832, 99.6344



84.2813, 83.0832, 86.5886



74.6560, 83.0832, 81.8733



73.8830, 83.0832, 94.4523

Sweetspot

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



83.4455, 83.0868, 99.6362



93.4445, 96.7891, 108.3648



77.7221, 80.1363, 99.3685



20.0178, 20.7505, 23.2001



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.



83.4455, 83.0868, 99.6362



88.8839, 87.6679, 106.8445



82.1635, 82.5740, 92.8854



17.2137, 16.7683, 20.8719



29.1649, 14.0094, 47.7040



2.5633, 1.2313, 4.1927

Inverse Universe

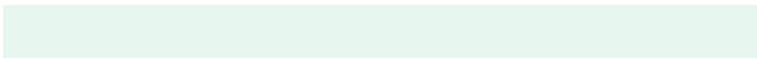
The Inverse Universe completely reimagines the original color for something new.



83.4455, 83.0868, 99.6362



88.8839, 87.6679, 106.8445



81.4030, 89.5492, 94.2718



17.2137, 16.7683, 20.8719



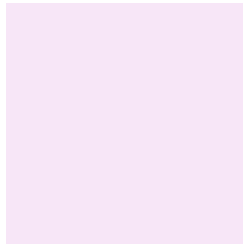
29.1649, 14.0094, 47.7040



2.5633, 1.2313, 4.1927

Previews

White Background



This preview shows how the XYZ color 83.4431, 83.0832, 99.6344 looks on a white background.

Color Contrast Check

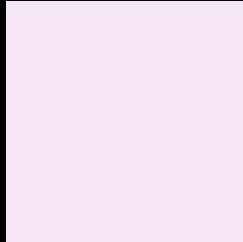
Large Text (above 18pt) WCAG AA × Fail

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 83.4431, 83.0832, 99.6344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

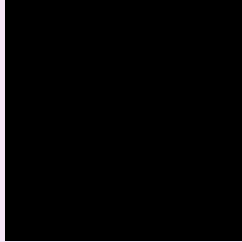
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 83.4431, 83.0832, 99.6344

Background



This preview shows how black text looks on a background with the XYZ color 83.4431, 83.0832, 99.6344.



This preview shows how white text looks on a background with the XYZ color 83.4431, 83.0832,

99.6344.

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

83.4431, 83.0832, 99.6344

Protanopia

80.7827, 83.3474, 101.4525

Deuteranopia

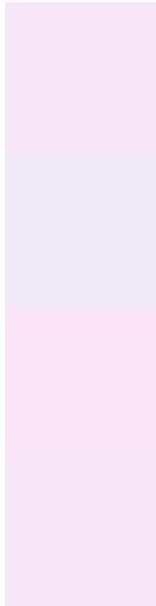
84.6768, 82.8977, 99.5336



Tritanopia

83.5979, 83.1451, 100.4495

Trichromacy



Original Color

83.4431, 83.0832, 99.6344

Protanomaly

81.6788, 83.4059, 100.6009

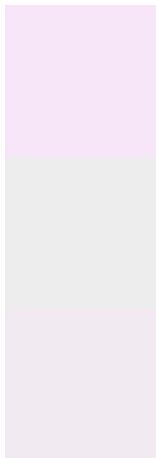
Deuteranomaly

84.2322, 83.0780, 99.5918

Tritanomaly

83.5979, 83.1451, 100.4495

Monochromacy



Original Color

83.4431, 83.0832, 99.6344

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

81.5756, 83.8973, 95.1134

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.4431, 83.0832, 99.6344 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(247, 230, 247) looks like.

```
.text, #text, p{  
    color:rgb(247, 230, 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(247, 230, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 230, 247) }
```

Border

The CSS property to change the border of an element to XYZ 83.4431, 83.0832, 99.6344 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(247, 230, 247) }
```


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

```
.border{ border-color:rgb(247, 230, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 230, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 230, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 230, 247);  
box-shadow:4px 4px 4px 4px rgb(247, 230,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 83.4431, 83.0832, 99.6344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 230, 247) }
```

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

```
.background{ background-color: rgb(247,  
230, 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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