

Converting Colors

XYZ(81.9814, 82.6796, 90.7830)

Have a look what the booklet for
XYZ(81.9814, 82.6796, 90.7830)
contains.

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Color

**XYZ(81.7949, 82.4239,
90.9552)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | F7E6EC |
| RGB | 247, 230, 236 |
| RGB Percent | 97%, 90%, 93% |
| CMY | 0.0314, 0.0980, 0.0745 |
| CMYK | 0.00, 0.07, 0.04, 0.03 |
| HSL | 339°, 52%, 94% |
| HSV | 339°, 7%, 97% |
| XYZ | 81.7949, 82.4239, 90.9552 |
| YIQ | 235.7670, 8.2060, 5.4700 |

Conversions

Conversions Part 2

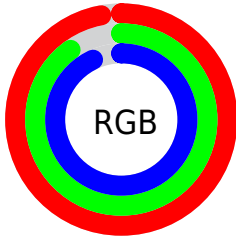
| Format | Color |
|-------------------------------------|-----------------------------|
| R _Y B | 247, 230, 236 |
| Decimal | 16246508 |
| CIE Lab | 92.76, 6.79, -0.84 |
| CIE LCh | 93, 6.841, 352.958 |
| Yxy | 82.4239, 0.3205, 0.3230 |
| Android (android.graphics.Color) | 4294436588 (0xFF7E6E) |
| YUV | 235.7670, 0.1149, 9.8513 |
| Hunter-Lab | 90.7876, 1.9409, 4.1519 |

Details

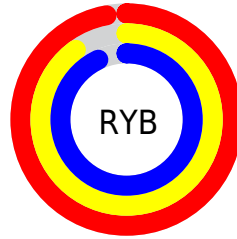
The XYZ color **81.7949, 82.4239, 90.9552** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.7742, 89.6975, 96.2269**, and the grayscale version is **79.5474, 83.6900, 91.1384**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.0540, 45.0316, 49.4974** is the 20% darker color. If you saturate the color by 10%, you get **73.1831, 68.7516, 77.1339**, and if you desaturate by 10%, it is **91.5933, 98.1344, 106.1998**.

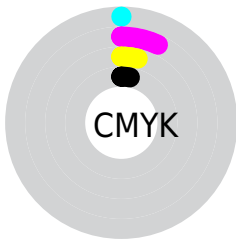
Distribution



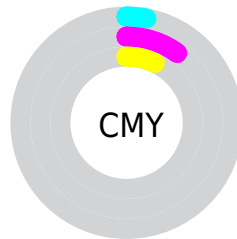
- Red (97%)
- Green (90%)
- Blue (93%)



- Red (97%)
- Yellow (90%)
- Blue (93%)



- Cyan (0%)
- Magenta (7%)
- Yellow (4%)
- Black (3%)





- Cyan (3%)
- Magenta (10%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.7949, 82.4239, 90.9552 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 81.7949, 82.4239, 90.9552 by changing the saturation by 10% instead.


 81.7949, 82.4239,
90.9552

 81.7949, 82.4239,
90.9552

489.6063,
503.0645, 551.7833

 61.5100, 61.7150,
68.1950


134.8237,
136.7683, 150.6116

 44.8910, 44.8025,
49.5887


168.2983,
171.1726, 188.3448

 31.5725, 31.3019,
34.7178


206.9002,
210.9108, 231.9062

 21.1891, 20.8288,
23.1638

250.9947,
256.3673, 281.7142

 13.3756, 12.9989,
14.5080

300.9472,
307.9266, 338.1873

 7.7665, 7.4278,
8.3321

357.1231,

 3.9964, 3.7311,

365.9729, 401.7442

4.2174

419.8876,
430.8908, 472.8034

■ 1.7001, 1.5243,
1.7453

■ 0.4563, 0.3057,
0.3915

■ 81.7949, 82.4239,
90.9552

■ 81.7949, 82.4239,
90.9552

■ 73.1831, 68.7516,
77.1339

■ 91.5933, 98.1344,
106.1998

■ 65.7046, 57.0230,
64.6884

■ 92.1683, 98.5144,
108.7651

■ 59.3125, 47.1523,
53.5761

■ 53.9539, 39.0429,
43.7503

■ 49.5712, 32.5896,
35.1612

■ 46.1006, 27.6755,
27.7553

■ 43.4708, 24.1687,
21.4748

■ 41.5984, 21.9144,
16.2557

■ 40.3791, 20.7165,
12.0242

Harmonies

Analogous

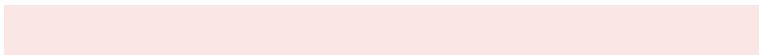
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.1111, 82.4239, 95.7938



81.7949, 82.4239, 90.9552



81.5422, 82.4239, 85.9685

Triad

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



81.7949, 82.4239, 90.9552



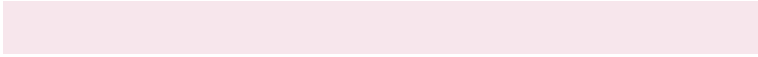
77.0112, 82.4239, 81.0015



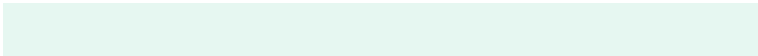
76.2935, 82.4239, 97.8166

Complementary

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



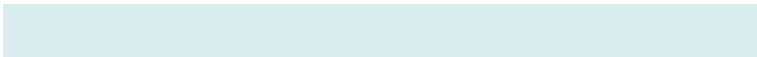
81.7949, 82.4239, 90.9552



81.7742, 89.6975, 96.2269

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.



75.2256, 82.4239, 93.6318



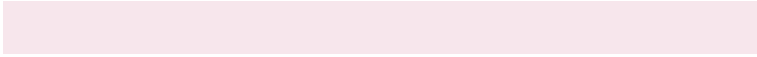
81.7949, 82.4239, 90.9552



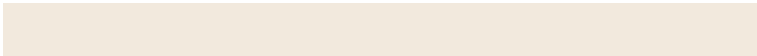
75.6356, 82.4239, 83.9576

Square

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



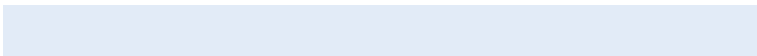
81.7949, 82.4239, 90.9552



78.7627, 82.4239, 80.3458



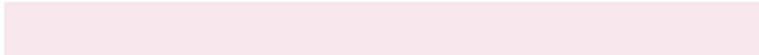
74.9866, 82.4239, 88.5468



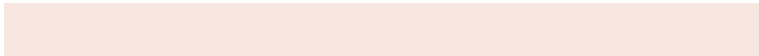
77.9217, 82.4239, 99.8514

Rectangle

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



81.7949, 82.4239, 90.9552



80.8784, 82.4239, 83.2169



74.9866, 82.4239, 88.5468



75.8581, 82.4239, 96.6072

Sweetspot

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



81.7972, 82.4275, 90.9570



92.9176, 96.5783, 105.5899



81.2842, 81.9726, 99.5350



19.9105, 20.7076, 22.6354



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

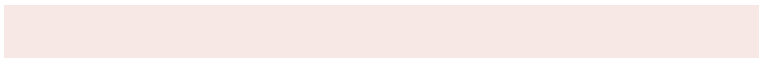
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.7972, 82.4275, 90.9570



86.8304, 86.8465, 96.0310



81.5752, 83.3543, 86.6567



16.7406, 16.5791, 18.3804



21.2598, 10.8474, 6.0767



1.9155, 0.9721, 0.7812

Inverse Universe

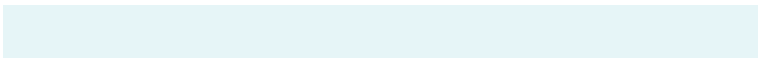
The Inverse Universe completely reimagines the original color for something new.



81.7972, 82.4275, 90.9570



86.8304, 86.8465, 96.0310



81.9961, 88.6842, 100.7929



16.7406, 16.5791, 18.3804



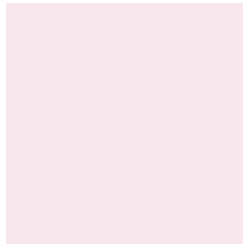
21.2598, 10.8474, 6.0767



1.9155, 0.9721, 0.7812

Previews

White Background



This preview shows how the XYZ color 81.7949, 82.4239, 90.9552 looks on a white background.

Color Contrast Check

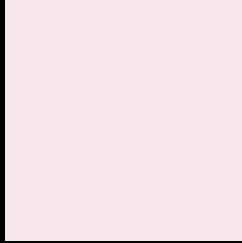
Large Text (above 18pt) WCAG AA × Fail

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 81.7949, 82.4239, 90.9552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

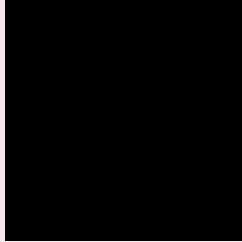
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.7949, 82.4239, 90.9552

Background



This preview shows how black text looks on a background with the XYZ color 81.7949, 82.4239, 90.9552.



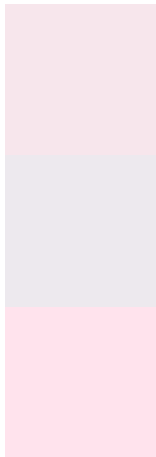
This preview shows how white text looks on a background with the XYZ color 81.7949, 82.4239,

90.9552.

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

81.7949, 82.4239, 90.9552

Protanopia

79.4966, 82.4554, 92.6145

Deuteranopia

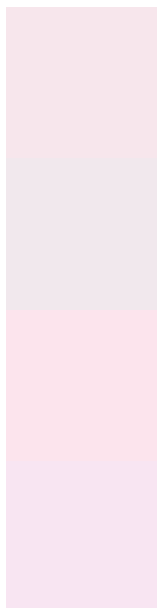
83.9951, 82.3126, 91.5817



Tritanopia

83.0894, 82.0971, 98.6558

Trichromacy



Original Color

81.7949, 82.4239, 90.9552

Protanomaly

80.4183, 82.5284, 91.8118

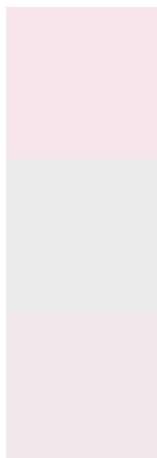
Deuteranomaly

83.1743, 82.2967, 91.6219

Tritanomaly

82.7577, 82.4059, 95.5485

Monochromacy



Original Color

81.7949, 82.4239, 90.9552

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

80.4983, 83.4270, 91.2172

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.7949, 82.4239, 90.9552 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, 236) looks like.

```
.text, #text, p{  
    color:rgb(247, 230, 236)  
}
```

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, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 230, 236) }
```

Border

The CSS property to change the border of an element to XYZ 81.7949, 82.4239, 90.9552 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, 236) }
```


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

```
.border{ border-color:rgb(247, 230, 236) }
```

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, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 230, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 230, 236);  
box-shadow:4px 4px 4px 4px rgb(247, 230,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 81.7949, 82.4239, 90.9552 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, 236) }
```

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

```
.background{ background-color: rgb(247,  
230, 236) }
```

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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