

Converting Colors

XYZ(81.2008, 80.9428, 87.2238)

Have a look what the booklet for
XYZ(81.2008, 80.9428, 87.2238)
contains.

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Color

**XYZ(81.3172, 81.0317,
86.9561)**

Conversions

Conversions Part 1

Format	Color
Hex	FAE3E7
RGB	250, 227, 231
RGB Percent	98%, 89%, 91%
CMY	0.0196, 0.1098, 0.0941
CMYK	0.00, 0.09, 0.08, 0.02
HSL	350°, 70%, 94%
HSV	350°, 9%, 98%
XYZ	81.3172, 81.0317, 86.9561
YIQ	234.3330, 12.4240, 6.1200

Conversions

Conversions Part 2

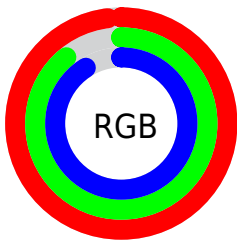
Format	Color
R _Y B	250, 227, 231
Decimal	16442343
CIE Lab	92.15, 8.52, 0.90
CIE LCh	92, 8.564, 6.043
Yxy	81.0317, 0.3262, 0.3250
Android (android.graphics.Color)	4294632423 (0xFFFAE3E7)
YUV	234.3330, -1.6432, 13.7400
Hunter-Lab	90.0176, 3.7167, 5.7388

Details

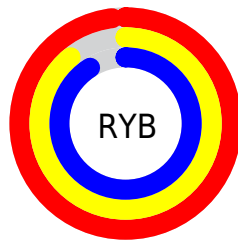
The XYZ color **81.3172, 81.0317, 86.9561** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.5018, 91.3579, 100.4788**, and the grayscale version is **78.4664, 82.5528, 89.8999**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.4827, 43.9376, 46.6938** is the 20% darker color. If you saturate the color by 10%, you get **72.2226, 67.2384, 70.3704**, and if you desaturate by 10%, it is **91.7535, 96.9554, 105.6897**.

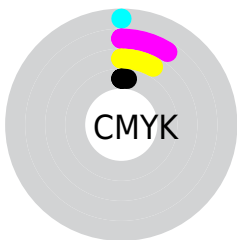
Distribution



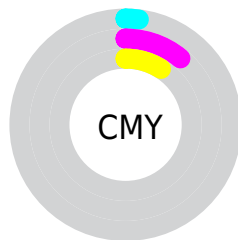
- Red (98%)
- Green (89%)
- Blue (91%)



- Red (98%)
- Yellow (89%)
- Blue (91%)



- Cyan (0%)
- Magenta (9%)
- Yellow (8%)
- Black (2%)





- Cyan (2%)
- Magenta (11%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.3172, 81.0317, 86.9561 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 81.3172, 81.0317, 86.9561 by changing the saturation by 10% instead.


 81.3172, 81.0317,
86.9561

 81.3172, 81.0317,
86.9561


488.0301,
498.4030, 538.3911

 61.1151, 60.5677,
64.8995


134.1569,
134.8153, 145.0013

 44.5709, 43.8764,
46.9287


167.5252,
168.9037, 181.8269

 31.3194, 30.5733,
32.6254


206.0129,
208.3023, 224.4126

 20.9952, 20.2742,
21.5709

249.9853,
253.3955, 273.1769

 13.2330, 12.5945,
13.3466

299.8079,
304.5679, 328.5384

 7.6673, 7.1499,
7.5341

355.8460,

 3.9328, 3.5560,

362.2036, 390.9155

3.7149

418.4649,
426.6872, 460.7269

■ 1.6642, 1.4285,
1.4703

■ 0.4337, 0.2376,
0.1956

■ 81.3172, 81.0317,
86.9561

■ 81.3172, 81.0317,
86.9561

■ 72.2226, 67.2384,
70.3704

■ 91.7535, 96.9554,
105.6897

■ 64.4083, 55.4749,
55.8503

■ 93.2347, 99.0642,
108.8150

■ 57.8184, 45.6483,
43.3161

■ 52.3900, 37.6545,
32.6804

■ 48.0546, 31.3792,
23.8499

■ 44.7362, 26.6956,
16.7227

■ 42.3492, 23.4591,
11.1866

■ 40.7929, 21.4987,
7.1157

■ 39.9220, 20.5579,
4.3563

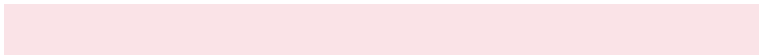
Harmonies

Analogous

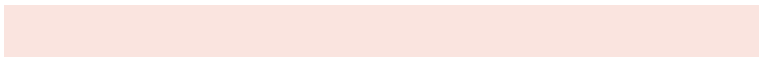
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.9630, 81.0317, 93.2589



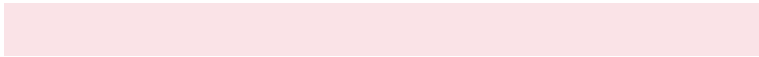
81.3172, 81.0317, 86.9561



80.5018, 81.0317, 81.2681

Triad

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



81.3172, 81.0317, 86.9561



74.5474, 81.0317, 78.7602



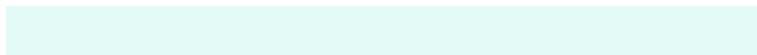
75.3073, 81.0317, 99.8126

Complementary

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



81.3172, 81.0317, 86.9561



82.5018, 91.3579, 100.4788

Split Complementary

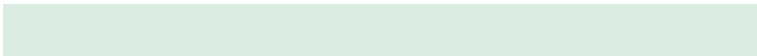
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.6365, 81.0317, 95.5781



81.3172, 81.0317, 86.9561



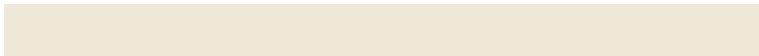
73.2037, 81.0317, 83.3847

Square

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



81.3172, 81.0317, 86.9561



76.5722, 81.0317, 76.6838



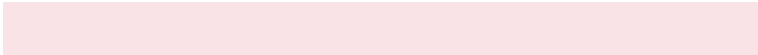
72.8735, 81.0317, 89.5158



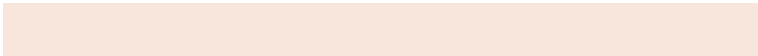
77.4659, 81.0317, 100.8801

Rectangle

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



81.3172, 81.0317, 86.9561



79.4138, 81.0317, 78.5251



72.8735, 81.0317, 89.5158



74.6713, 81.0317, 98.7028

Sweetspot

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



81.3195, 81.0353, 86.9578



91.6568, 94.8154, 102.8308



82.6570, 81.3977, 101.7982



19.4289, 20.0053, 21.6703



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

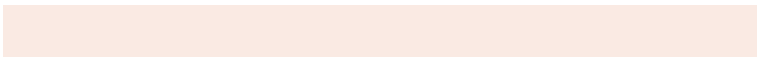
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.3195, 81.0353, 86.9578



83.2359, 81.9870, 87.6509



82.7955, 84.8802, 84.6971



17.3677, 17.2744, 18.5260



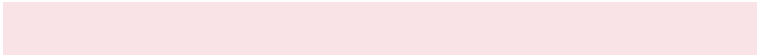
21.1835, 10.8891, 2.4086



1.9951, 1.0218, 0.3977

Inverse Universe

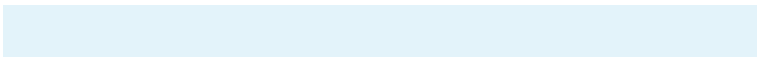
The Inverse Universe completely reimagines the original color for something new.



81.3195, 81.0353, 86.9578



83.2359, 81.9870, 87.6509



80.9026, 87.1674, 103.0043



17.3677, 17.2744, 18.5260



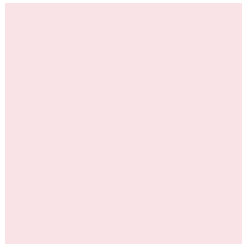
21.1835, 10.8891, 2.4086



1.9951, 1.0218, 0.3977

Previews

White Background



This preview shows how the XYZ color 81.3172, 81.0317, 86.9561 looks on a white background.

Color Contrast Check

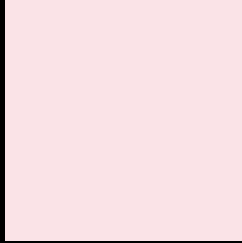
Large Text (above 18pt) WCAG AA × Fail

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 81.3172, 81.0317, 86.9561 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

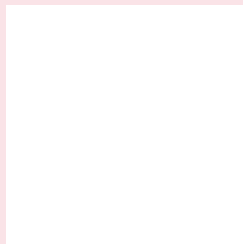
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.3172, 81.0317, 86.9561

Background



This preview shows how black text looks on a background with the XYZ color 81.3172, 81.0317, 86.9561.



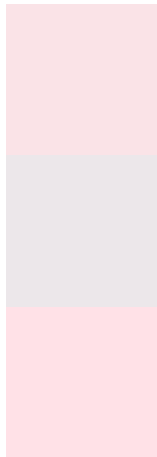
This preview shows how white text looks on a background with the XYZ color 81.3172, 81.0317,

86.9561.

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

81.3172, 81.0317, 86.9561

Protanopia

78.0193, 80.9252, 89.3500

Deuteranopia

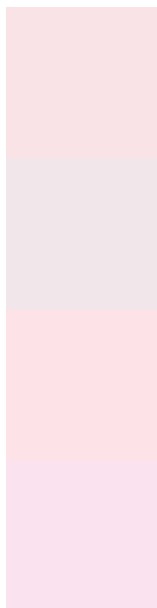
82.5890, 80.8799, 86.8598



Tritanopia

83.2478, 81.0169, 96.0442

Trichromacy



Original Color

81.3172, 81.0317, 86.9561

Protanomaly

79.2804, 81.1776, 88.5811

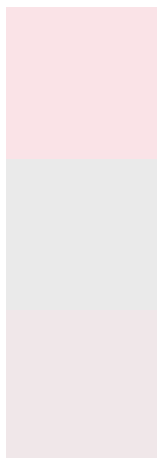
Deuteranomaly

82.1282, 81.0449, 86.9159

Tritanomaly

82.5600, 81.1339, 92.9704

Monochromacy



Original Color

81.3172, 81.0317, 86.9561

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

79.2191, 81.5603, 88.6582

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.3172, 81.0317, 86.9561 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, 227, 231)` looks like.

```
.text, #text, p{  
    color:rgb(250, 227, 231)  
}
```

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, 227, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 227, 231) }
```

Border

The CSS property to change the border of an element to XYZ 81.3172, 81.0317, 86.9561 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, 227, 231) }
```


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

```
.border{ border-color:rgb(250, 227, 231) }
```

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

Here you see how a box with a 4 pixel rgb(250, 227, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 227, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 227, 231);  
box-shadow:4px 4px 4px 4px rgb(250, 227,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 81.3172, 81.0317, 86.9561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 227, 231) }
```

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

```
.background{ background-color: rgb(250,  
227, 231) }
```

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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