

Converting Colors

XYZ(82.4164, 81.1988, 91.7557)

Have a look what the booklet for
XYZ(82.4164, 81.1988, 91.7557)
contains.

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Color

**XYZ(82.2661, 81.0164,
91.4226)**

Conversions

Conversions Part 1

Format	Color
Hex	FBE2ED
RGB	251, 226, 237
RGB Percent	98%, 89%, 93%
CMY	0.0157, 0.1137, 0.0706
CMYK	0.00, 0.10, 0.06, 0.02
HSL	334°, 76%, 94%
HSV	334°, 10%, 98%
XYZ	82.2661, 81.0164, 91.4226
YIQ	234.7290, 11.3690, 8.7210

Conversions

Conversions Part 2

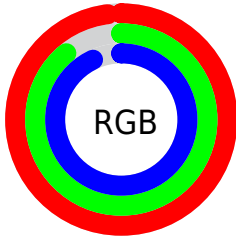
Format	Color
RYB	251, 226, 237
Decimal	16507629
CIELab	92.14, 10.39, -2.23
CIElCh	92, 10.623, 347.858
Yxy	81.0164, 0.3230, 0.3181
Android (android.graphics.Color)	4294697709 (0xFFFBE2ED)
YUV	234.7290, 1.1196, 14.2697
Hunter-Lab	90.0091, 5.6286, 2.7853

Details

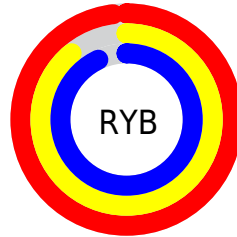
The XYZ color **82.2661, 81.0164, 91.4226** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.5925, 91.4565, 95.7951**, and the grayscale version is **78.7473, 82.8483, 90.2217**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.1515, 43.9313, 49.8159** is the 20% darker color. If you saturate the color by 10%, you get **73.9604, 67.5635, 78.9147**, and if you desaturate by 10%, it is **91.7365, 96.5390, 105.1152**.

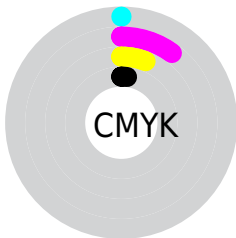
Distribution



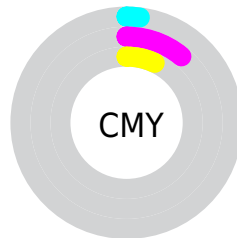
- Red (98%)
- Green (89%)
- Blue (93%)



- Red (98%)
- Yellow (89%)
- Blue (93%)



- Cyan (0%)
- Magenta (10%)
- Yellow (6%)
- Black (2%)





- Cyan (2%)
- Magenta (11%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.2661, 81.0164, 91.4226 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 82.2661, 81.0164, 91.4226 by changing the saturation by 10% instead.


 82.2661, 81.0164,
91.4226

 82.2661, 81.0164,
91.4226


491.1584,
498.3516, 553.3368

 61.8998, 60.5551,
68.5808


135.4810,
134.7938, 151.2656

 45.2070, 43.8662,
49.9008


169.0602,
168.8787, 189.1039

 31.8225, 30.5654,
34.9639


207.7745,
208.2736, 232.7781

 21.3808, 20.2681,
23.3517

251.9891,
253.3628, 282.7068

 13.5167, 12.5901,
14.6457

302.0694,
304.5309, 339.3084

 7.8647, 7.1469,
8.4273

358.3809,

 4.0596, 3.5541,

362.1621, 403.0016

4.2779

421.2887,
426.6409, 474.2049

■ 1.7359, 1.4274,
1.7790

■ 0.4786, 0.2368,
0.4140

■ 82.2661, 81.0164,
91.4226

■ 82.2661, 81.0164,
91.4226

■ 73.9604, 67.5635,
78.9147

■ 91.7365, 96.5390,
105.1152

■ 66.7657, 56.0817,
67.5526

■ 93.5941, 99.2495,
108.8319

■ 60.6341, 46.4803,
57.3026

■ 55.5113, 38.6571,
48.1270

■ 51.3381, 32.5003,
39.9858

■ 48.0487, 27.8852,
32.8359

■ 45.5683, 24.6690,
26.6300

■ 43.8081, 22.6823,
21.3154

■ 42.6257, 21.6479,
16.8197

Harmonies

Analogous

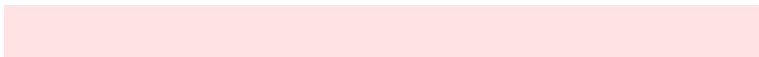
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.9737, 81.0164, 98.7214



82.2661, 81.0164, 91.4226



82.1242, 81.0164, 83.6697

Triad

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



82.2661, 81.0164, 91.4226



75.4004, 81.0164, 74.6260



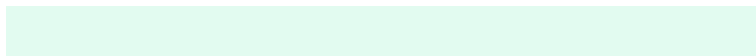
73.5249, 81.0164, 99.8719

Complementary

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



82.2661, 81.0164, 91.4226



81.5925, 91.4565, 95.7951

Split Complementary

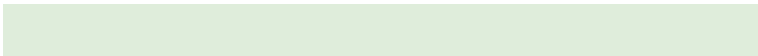
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.1005, 81.0164, 92.9181



82.2661, 81.0164, 91.4226



73.1656, 81.0164, 78.4782

Square

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



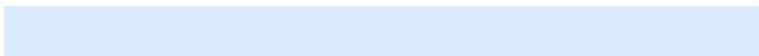
82.2661, 81.0164, 91.4226



78.1163, 81.0164, 74.2785



71.9706, 81.0164, 85.0796



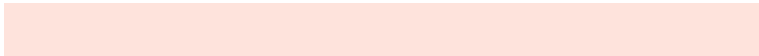
75.9016, 81.0164, 103.7898

Rectangle

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



82.2661, 81.0164, 91.4226



81.2355, 81.0164, 79.2796



71.9706, 81.0164, 85.0796



72.9213, 81.0164, 97.7937

Sweetspot

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



82.2684, 81.0199, 91.4243



91.9756, 94.9429, 104.5098



80.4623, 79.8432, 102.4384



19.5147, 20.0396, 22.1223



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

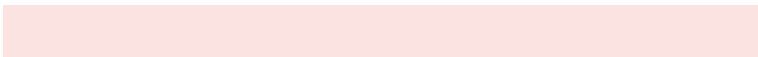
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.2684, 81.0199, 91.4243



83.4155, 80.9515, 92.0107



81.0515, 81.0790, 83.3337



17.5618, 17.3521, 19.5481



22.4736, 11.4052, 9.2025



2.1337, 1.0772, 1.1277

Inverse Universe

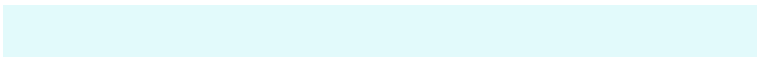
The Inverse Universe completely reimagines the original color for something new.



82.2684, 81.0199, 91.4243



83.4155, 80.9515, 92.0107



82.8872, 91.3518, 104.5319



17.5618, 17.3521, 19.5481



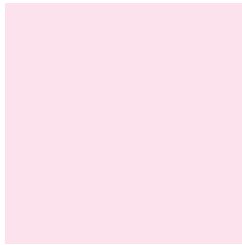
22.4736, 11.4052, 9.2025



2.1337, 1.0772, 1.1277

Previews

White Background



This preview shows how the XYZ color 82.2661, 81.0164, 91.4226 looks on a white background.

Color Contrast Check

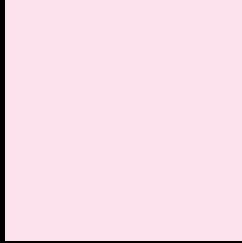
Large Text (above 18pt) WCAG AA × Fail

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 82.2661, 81.0164, 91.4226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

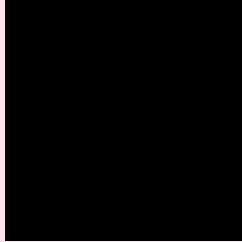
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.2661, 81.0164, 91.4226

Background



This preview shows how black text looks on a background with the XYZ color 82.2661, 81.0164, 91.4226.



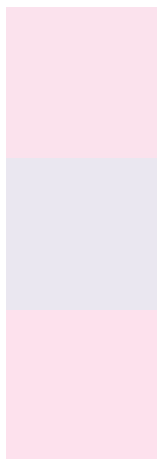
This preview shows how white text looks on a background with the XYZ color 82.2661, 81.0164,

91.4226.

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

82.2661, 81.0164, 91.4226

Protanopia

78.2358, 80.9355, 93.9367

Deuteranopia

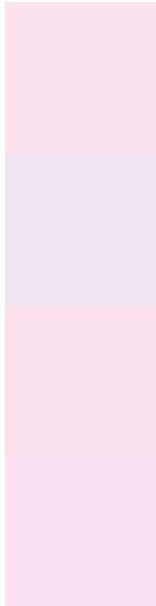
82.7193, 80.8475, 91.3661



Tritanopia

83.2478, 81.0169, 96.0442

Trichromacy



Original Color

82.2661, 81.0164, 91.4226

Protanomaly

79.5345, 80.7959, 93.0646

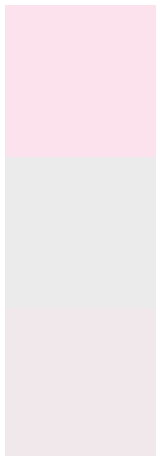
Deuteranomaly

82.3562, 80.6603, 91.3491

Tritanomaly

82.9473, 80.8967, 94.4619

Monochromacy



Original Color

82.2661, 81.0164, 91.4226

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

80.2726, 82.4701, 91.0444

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.2661, 81.0164, 91.4226 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(251, 226, 237) looks like.

```
.text, #text, p{  
    color:rgb(251, 226, 237)  
}
```

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(251, 226, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 226, 237) }
```

Border

The CSS property to change the border of an element to XYZ 82.2661, 81.0164, 91.4226 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(251, 226, 237) }
```


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

```
.border{ border-color:rgb(251, 226, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 226, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 226, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 226, 237);  
box-shadow:4px 4px 4px 4px rgb(251, 226,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 82.2661, 81.0164, 91.4226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 226, 237) }
```

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

```
.background{ background-color: rgb(251,  
226, 237) }
```

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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