

Converting Colors

XYZ(81.8441, 81.7872, 81.0044)

Have a look what the booklet for
XYZ(81.8441, 81.7872, 81.0044)
contains.

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Color

**XYZ(81.9357, 81.8853,
81.2990)**

Conversions

Conversions Part 1

Format	Color
Hex	FEE4DF
RGB	254, 228, 223
RGB Percent	100%, 89%, 87%
CMY	0.0039, 0.1059, 0.1255
CMYK	0.00, 0.10, 0.12, 0.00
HSL	10°, 94%, 94%
HSV	10°, 12%, 100%
XYZ	81.9357, 81.8853, 81.2990
YIQ	235.2040, 17.1010, 3.9570

Conversions

Conversions Part 2

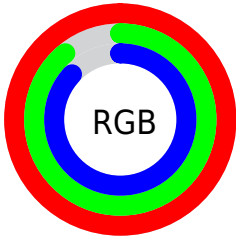
Format	Color
R _Y B	254, 229, 223
Decimal	16704735
CIE Lab	92.52, 8.09, 5.67
CIE LCh	93, 9.875, 35.032
Yxy	81.8853, 0.3343, 0.3341
Android (android.graphics.Color)	4294894815 (0xFFFE4DF)
YUV	235.2040, -6.0166, 16.4841
Hunter-Lab	90.4905, 3.2666, 10.0757

Details

The XYZ color **81.9357, 81.8853, 81.2990** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.1961, 90.5933, 106.9208**, and the grayscale version is **79.1581, 83.2805, 90.6925**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.0374, 44.5846, 43.2778** is the 20% darker color. If you saturate the color by 10%, you get **73.2623, 69.6134, 62.7608**, and if you desaturate by 10%, it is **91.8493, 95.8138, 102.7870**.

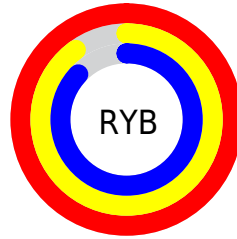
Distribution



Red (100%)

Green (89%)

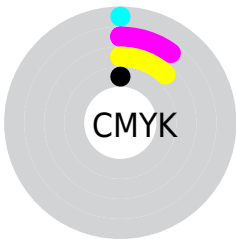
Blue (87%)



Red (100%)

Yellow (90%)

Blue (87%)

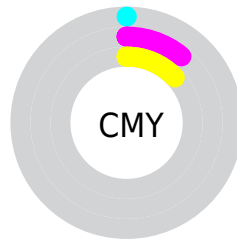


Cyan (0%)

Magenta (10%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (11%)

Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.9357, 81.8853, 81.2990 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 81.9357, 81.8853, 81.2990 by changing the saturation by 10% instead.


 81.9357, 81.8853,
81.2990

 81.9357, 81.8853,
81.2990


490.0703,
501.2639, 519.1216

 61.6265, 61.2710,
60.2554

135.0201,
136.0131, 137.0184

 44.9854, 44.4439,
43.1979


168.5260,
170.2955, 172.5313

 31.6472, 31.0196,
29.7079


207.1615,
209.9026, 213.7044

 21.2464, 20.6138,
19.3668

251.2919,
255.2189, 260.9562

 13.4177, 12.8420,
11.7561

301.2827,
306.6288, 314.7053

 7.7958, 7.3198,
6.4573

357.4991,

 4.0153, 3.6629,

364.5167, 375.3702

3.0519

420.3065,
429.2669, 443.3694

■ 1.7108, 1.4868,
1.1212

■ 0.4630, 0.2794,
0.0000

■ 81.9357, 81.8853,
81.2990

■ 81.9357, 81.8853,
81.2990

■ 73.2623, 69.6134,
62.7608

■ 91.8493, 95.8138,
102.7870

■ 65.7733, 58.9257,
47.0384

94.6834, 99.8110,
108.8828

■ 59.4189, 49.7607,
33.9951

■ 54.1428, 42.0485,
23.4810

■ 49.8840, 35.7141,
15.3309

■ 46.5751, 30.6752,
9.3604

■ 44.1403, 26.8408,
5.3573

■ 42.4913, 24.1077,
3.0663

■ 41.6665, 22.6572,
2.1772

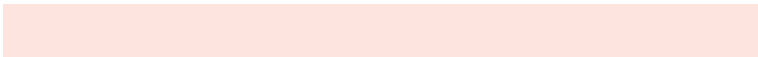
Harmonies

Analogous

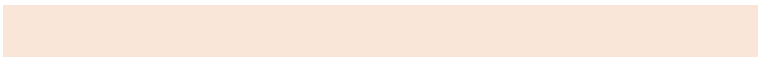
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.8435, 81.8853, 87.9268



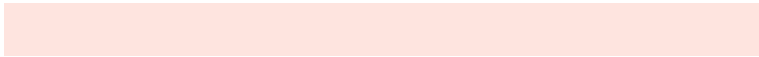
81.9357, 81.8853, 81.2990



79.9287, 81.8853, 76.9647

Triad

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



81.9357, 81.8853, 81.2990



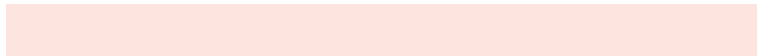
73.4462, 81.8853, 83.3323



78.2626, 81.8853, 103.9732

Complementary

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



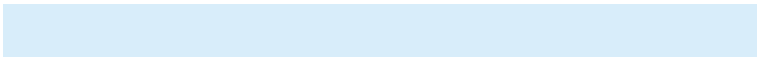
81.9357, 81.8853, 81.2990



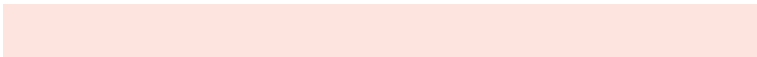
82.1961, 90.5933, 106.9208

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.



75.7674, 81.8853, 102.5782



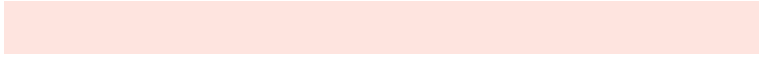
81.9357, 81.8853, 81.2990



73.0221, 81.8853, 90.4031

Square

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



81.9357, 81.8853, 81.2990



75.0343, 81.8853, 78.0926



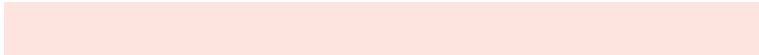
73.8629, 81.8853, 97.5103



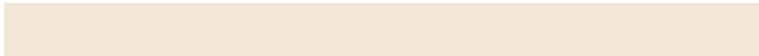
80.6933, 81.8853, 101.2247

Rectangle

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



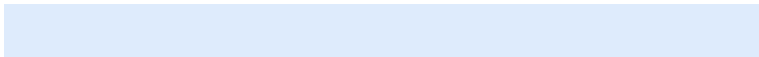
81.9357, 81.8853, 81.2990



78.2572, 81.8853, 75.8224



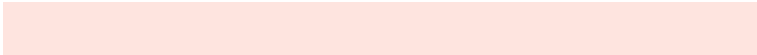
73.8629, 81.8853, 97.5103



77.4034, 81.8853, 103.9747

Sweetspot

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



81.9380, 81.8889, 81.3007



90.7827, 94.0239, 99.5899



84.4152, 80.7087, 101.0391



19.2644, 19.8910, 20.9534



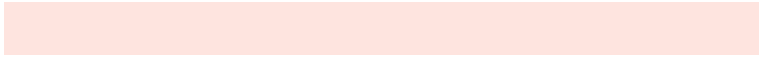
0.0000, 0.0000, 0.0000



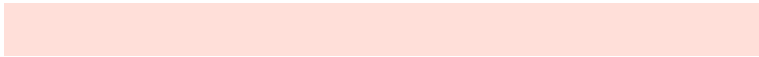
20.3446, 21.4041, 23.3091

Same Dimension

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



81.9380, 81.8889, 81.3007



80.0995, 78.9920, 76.5006



86.2888, 90.5905, 82.7510



18.2462, 18.4605, 18.7459



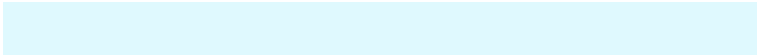
22.0355, 12.0822, 1.1707



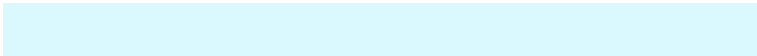
2.2098, 1.3050, 0.1354

Inverse Universe

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



82.1961, 90.5933, 106.9208



80.4127, 89.5767, 107.6596



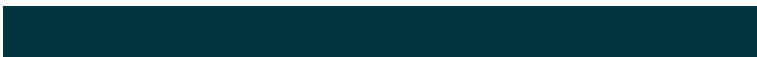
77.7020, 81.6051, 105.4228



18.2905, 19.9526, 23.1372



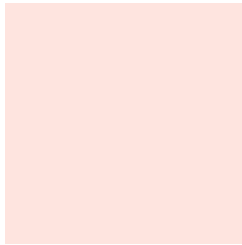
22.0675, 29.0446, 53.8777



2.2124, 2.9555, 5.2671

Previews

White Background



This preview shows how the XYZ color 81.9357, 81.8853, 81.2990 looks on a white background.

Color Contrast Check

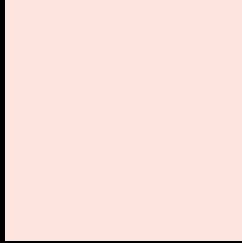
Large Text (above 18pt) WCAG AA × Fail

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 81.9357, 81.8853, 81.2990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

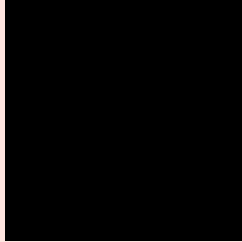
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

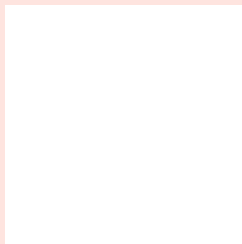
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.9357, 81.8853, 81.2990

Background



This preview shows how black text looks on a background with the XYZ color 81.9357, 81.8853, 81.2990.



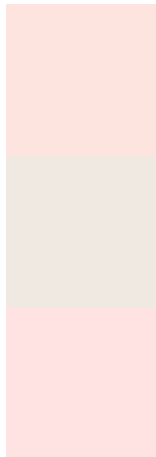
This preview shows how white text looks on a background with the XYZ color 81.9357, 81.8853,

81.2990.

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

81.9357, 81.8853, 81.2990

Protanopia

78.8016, 82.2941, 83.6826

Deuteranopia

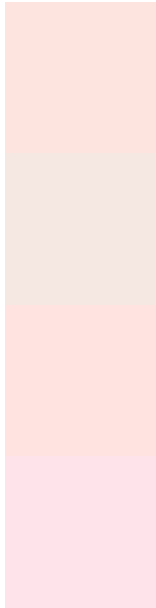
82.4366, 81.6892, 83.3742



Tritanopia

84.4634, 82.0635, 95.3925

Trichromacy



Original Color

81.9357, 81.8853, 81.2990

Protanomaly

79.8227, 82.0005, 82.8547

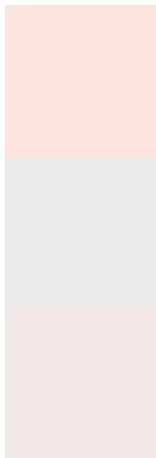
Deuteranomaly

82.2997, 81.6344, 82.6535

Tritanomaly

83.7045, 82.1963, 90.0510

Monochromacy



Original Color

81.9357, 81.8853, 81.2990

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

79.8984, 82.3600, 87.2873

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.9357, 81.8853, 81.2990 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(254, 228, 223) looks like.

```
.text, #text, p{  
    color:rgb(254, 228, 223)  
}
```

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(254, 228, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 228, 223) }
```

Border

The CSS property to change the border of an element to XYZ 81.9357, 81.8853, 81.2990 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(254, 228, 223) }
```


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

```
.border{ border-color:rgb(254, 228, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 228, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 228, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 228, 223);  
box-shadow:4px 4px 4px 4px rgb(254, 228,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 81.9357, 81.8853, 81.2990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 228, 223) }
```

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

```
.background{ background-color: rgb(254,  
228, 223) }
```

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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