

Converting Colors

XYZ(121.3897, 100.0000,
92.7713)

Have a look what the booklet for
XYZ(121.3897, 100.0000, 92.7713)
contains.

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Color

**XYZ(82.9137, 80.1498,
91.2212)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDFED
RGB	255, 223, 237
RGB Percent	100%, 87%, 93%
CMY	0.0000, 0.1255, 0.0706
CMYK	0.00, 0.13, 0.07, 0.00
HSL	334°, 100%, 94%
HSV	334°, 13%, 100%
XYZ	82.9137, 80.1498, 91.2212
YIQ	234.1640, 14.5780, 11.1380

Conversions

Conversions Part 2

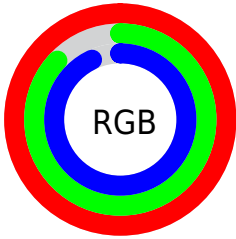
Format	Color
R _Y B	255, 223, 237
Decimal	16769005
CIE Lab	91.75, 13.30, -2.76
CIE LCh	92, 13.584, 348.265
Yxy	80.1498, 0.3261, 0.3152
Android (android.graphics.Color)	4294959085 (0xFFFFDFED)
YUV	234.1640, 1.3981, 18.2732
Hunter-Lab	89.5264, 8.6442, 2.2561

Details

The XYZ color **82.9137, 80.1498, 91.2212** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.0712, 93.5601, 96.9560**, and the grayscale version is **78.3146, 82.3931, 89.7261**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.6318, 43.3472, 49.6779** is the 20% darker color. If you saturate the color by 10%, you get **74.5943, 66.7319, 78.5183**, and if you desaturate by 10%, it is **92.4305, 95.6934, 105.1527**.

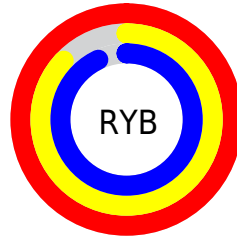
Distribution



Red (100%)

Green (87%)

Blue (93%)



Red (100%)

Yellow (87%)

Blue (93%)

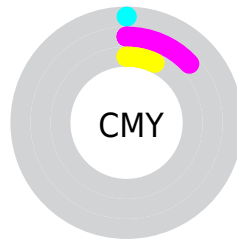


Cyan (0%)

Magenta (13%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.9137, 80.1498, 91.2212 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 82.9137, 80.1498, 91.2212 by changing the saturation by 10% instead.

 82.9137, 80.1498,
91.2212

 82.9137, 80.1498,
91.2212


493.2871,
495.4375, 552.6677

 62.4356, 59.8416,
68.4145


136.3837,
133.5763, 150.9838

 45.6417, 43.2910,
49.7663


170.1064,
167.4635, 188.7769

 32.1666, 30.1135,
34.8578


208.9747,
206.6457, 232.4025

 21.6450, 19.9248,
23.2707

253.3539,
251.5075, 282.2792

 13.7114, 12.3404,
14.5863

303.6094,
302.4332, 338.8255

 8.0006, 6.9759,
8.3862

360.1065,

 4.1471, 3.4470,

359.8071, 402.4600

4.2518

423.2106,
424.0138, 473.6012

■ 1.7857, 1.3693,
1.7644

■ 0.5090, 0.1940,
0.4043

■ 82.9137, 80.1498,
91.2212

■ 82.9137, 80.1498,
91.2212

■ 74.5943, 66.7319,
78.5183

■ 92.4305, 95.6934,
105.1527

■ 67.4172, 55.3368,
67.0031

95.0500, 100.0000,
108.9000

■ 61.3308, 45.8677,
56.6396

■ 56.2777, 38.2161,
47.3878

■ 52.1946, 32.2625,
39.2051

■ 49.0108, 27.8732,
32.0452

■ 46.6453, 24.8935,
25.8574

■ 45.0007, 23.1370,
20.5843

■ 44.1395, 22.4198,
17.1984

Harmonies

Analogous

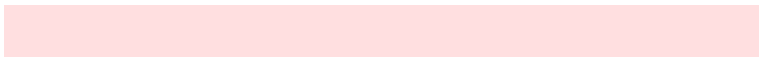
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.2776, 80.1498, 100.6432



82.9137, 80.1498, 91.2212



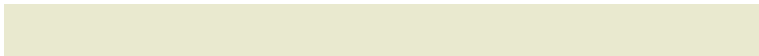
82.7054, 80.1498, 81.4063

Triad

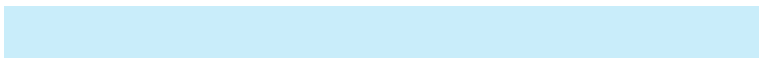
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.9137, 80.1498, 91.2212



74.1042, 80.1498, 70.3238



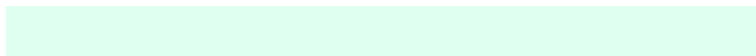
71.8164, 80.1498, 102.3483

Complementary

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



82.9137, 80.1498, 91.2212



82.0712, 93.5601, 96.9560

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.



70.0072, 80.1498, 93.4077



82.9137, 80.1498, 91.2212



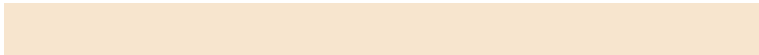
71.3001, 80.1498, 75.1363

Square

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



82.9137, 80.1498, 91.2212



77.5476, 80.1498, 69.8363



69.8211, 80.1498, 83.4336



74.8286, 80.1498, 107.3864

Rectangle

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



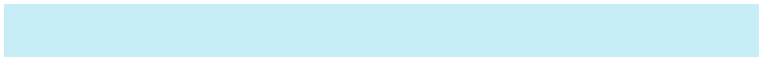
82.9137, 80.1498, 91.2212



81.5496, 80.1498, 75.9430



69.8211, 80.1498, 83.4336



71.0514, 80.1498, 99.6697

Sweetspot

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



82.9156, 80.1531, 91.2229



90.9717, 93.2998, 103.0508



80.5795, 78.6295, 105.5378



19.3123, 19.7087, 21.8265



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.



82.9156, 80.1531, 91.2229



80.7654, 76.6677, 87.9939



81.3789, 80.2256, 81.0123



18.3394, 18.1191, 20.4044



23.1357, 11.7436, 9.3653



2.3064, 1.1649, 1.1948

Inverse Universe

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



82.9156, 80.1531, 91.2229



80.7654, 76.6677, 87.9939



83.7351, 93.4125, 108.2249



18.3394, 18.1191, 20.4044



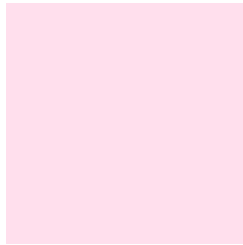
23.1357, 11.7436, 9.3653



2.3064, 1.1649, 1.1948

Previews

White Background



This preview shows how the XYZ color 82.9137, 80.1498, 91.2212 looks on a white background.

Color Contrast Check

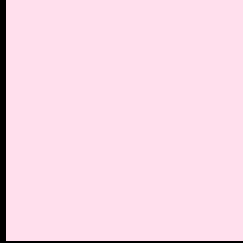
Large Text (above 18pt) WCAG AA × Fail

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 82.9137, 80.1498, 91.2212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

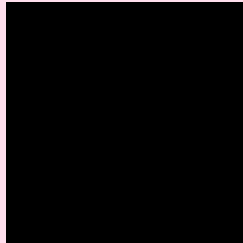
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.9137, 80.1498, 91.2212

Background



This preview shows how black text looks on a background with the XYZ color 82.9137, 80.1498, 91.2212.

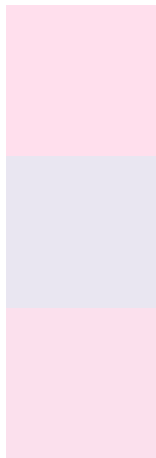


This preview shows how white text looks on a background with the XYZ color 82.9137, 80.1498,

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

82.9137, 80.1498, 91.2212

Protanopia

77.7783, 80.2681, 94.6130

Deuteranopia

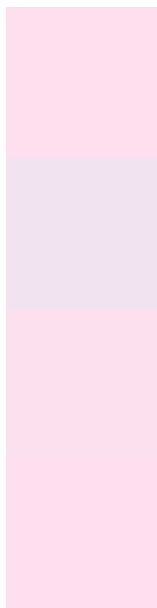
81.7254, 79.9350, 91.2424



Tritanopia

83.3559, 80.3266, 93.5493

Trichromacy



Original Color

82.9137, 80.1498, 91.2212

Protanomaly

79.4729, 79.9302, 93.6775

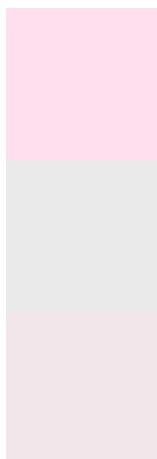
Deuteranomaly

82.0866, 80.1212, 91.2593

Tritanomaly

83.2077, 80.2673, 92.7690

Monochromacy



Original Color

82.9137, 80.1498, 91.2212

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

79.9102, 81.4690, 90.1106

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.9137, 80.1498, 91.2212 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(255, 223, 237)` looks like.

```
.text, #text, p{  
    color:rgb(255, 223, 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(255, 223, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 223, 237) }
```

Border

The CSS property to change the border of an element to XYZ 82.9137, 80.1498, 91.2212 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(255, 223, 237) }
```


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

```
.border{ border-color:rgb(255, 223, 237) }
```

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

Here you see how a box with a 4 pixel rgb(255, 223, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 223, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 223, 237);  
box-shadow:4px 4px 4px 4px rgb(255, 223,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 82.9137, 80.1498, 91.2212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 223, 237) }
```

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

```
.background{ background-color: rgb(255,  
223, 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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