

Converting Colors

XYZ(121.0823, 100.0000,
91.1621)

Have a look what the booklet for
XYZ(121.0823, 100.0000, 91.1621)
contains.

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Color

**XYZ(82.6231, 80.0335,
89.6906)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDFEB
RGB	255, 223, 235
RGB Percent	100%, 87%, 92%
CMY	0.0000, 0.1255, 0.0784
CMYK	0.00, 0.13, 0.08, 0.00
HSL	338°, 100%, 94%
HSV	338°, 13%, 100%
XYZ	82.6231, 80.0335, 89.6906
YIQ	233.9360, 15.2200, 10.5160

Conversions

Conversions Part 2

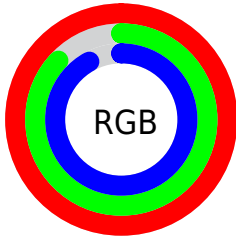
Format	Color
R_{YB}	255, 223, 235
Decimal	16769003
CIE _{Lab}	91.70, 12.97, -1.79
CIE _{LCh}	92, 13.089, 352.130
Yxy	80.0335, 0.3274, 0.3172
Android (android.graphics.Color)	4294959083 (0xFFFFDFEB)
YUV	233.9360, 0.5246, 18.4731
Hunter-Lab	89.4614, 8.2981, 3.1811

Details

The XYZ color **82.6231, 80.0335, 89.6906** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.3716, 93.6802, 98.5381**, and the grayscale version is **78.1480, 82.2178, 89.5352**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.4280, 43.2657, 48.6046** is the 20% darker color. If you saturate the color by 10%, you get **74.1157, 66.5404, 75.9981**, and if you desaturate by 10%, it is **92.3664, 95.6676, 104.8153**.

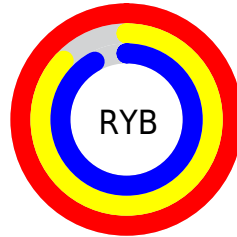
Distribution



Red (100%)

Green (87%)

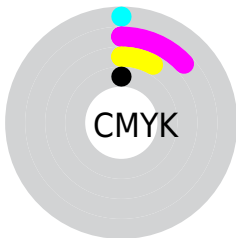
Blue (92%)



Red (100%)

Yellow (87%)

Blue (92%)

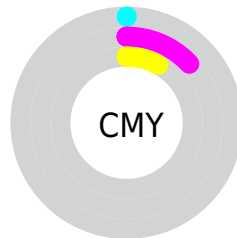


Cyan (0%)

Magenta (13%)

Yellow (8%)

Black (0%)



Cyan (0%)


Magenta (13%)

Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.6231, 80.0335, 89.6906 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 82.6231, 80.0335, 89.6906 by changing the saturation by 10% instead.


 82.6231, 80.0335,
89.6906

 82.6231, 80.0335,
89.6906


492.3325,
495.0457, 547.5680

 62.1951, 59.7459,
67.1518

135.9787,
133.4128, 148.8403

 45.4466, 43.2139,
48.7456


169.6371,
167.2734, 186.2883

 32.0121, 30.0530,
34.0536


208.4363,
206.4270, 229.5431

 21.5263, 19.8788,
22.6570

252.7417,
251.2582, 279.0232

 13.6239, 12.3070,
14.1376

302.9187,
302.1512, 335.1472

 7.9395, 6.9531,
8.0766

359.3326,

 4.1077, 3.4328,

359.4906, 398.3337

4.0555

422.3487,
423.6606, 469.0011

■ 1.7633, 1.3616,
1.6558

■ 0.4954, 0.1882,
0.3302

■ 82.6231, 80.0335,
89.6906

■ 82.6231, 80.0335,
89.6906

■ 74.1157, 66.5404,
75.9981

■ 92.3664, 95.6676,
104.8153

■ 66.7878, 55.0850,
63.6892

95.0500, 100.0000,
108.9000

■ 60.5864, 45.5698,
52.7196

■ 55.4521, 37.8858,
43.0405

■ 51.3200, 31.9127,
34.5999

■ 48.1175, 27.5159,
27.3417

■ 45.7616, 24.5401,
21.2042

■ 44.1526, 22.7978,
16.1182

■ 43.3333, 22.0973,
12.9532

Harmonies

Analogous

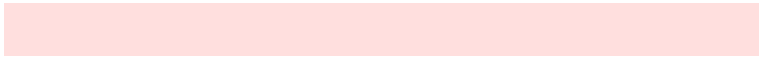
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.2628, 80.0335, 98.9520



82.6231, 80.0335, 89.6906



82.1870, 80.0335, 80.3835

Triad

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



82.6231, 80.0335, 89.6906



73.6711, 80.0335, 71.1627



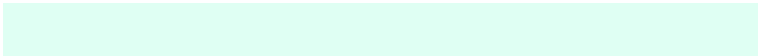
72.1874, 80.0335, 102.5147

Complementary

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



82.6231, 80.0335, 89.6906



82.3716, 93.6802, 98.5381

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.



70.2632, 80.0335, 94.2709



82.6231, 80.0335, 89.6906



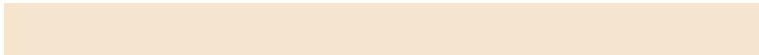
71.1022, 80.0335, 76.3128

Square

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



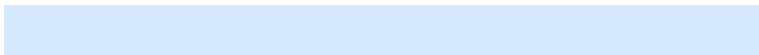
82.6231, 80.0335, 89.6906



76.9539, 80.0335, 70.1333



69.8718, 80.0335, 84.6439



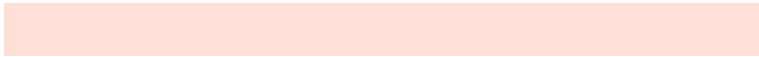
75.1918, 80.0335, 106.7018

Rectangle

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



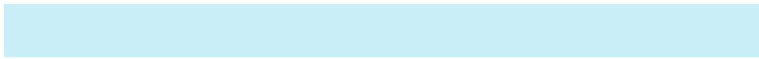
82.6231, 80.0335, 89.6906



80.9420, 80.0335, 75.3563



69.8718, 80.0335, 84.6439



71.3965, 80.0335, 100.0985

Sweetspot

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



82.6249, 80.0368, 89.6923



90.8723, 93.2600, 102.5271



81.3102, 79.0062, 105.5720



19.2871, 19.6987, 21.6941



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

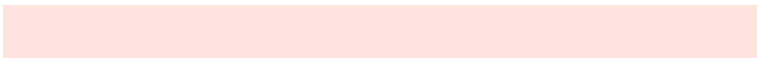
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.6249, 80.0368, 89.6923



80.4252, 76.5316, 86.2021



81.9577, 81.3833, 81.2051



18.2910, 18.0997, 20.1498



22.7089, 11.5729, 7.1176



2.2620, 1.1472, 0.9610

Inverse Universe

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



82.6249, 80.0368, 89.6923



80.4252, 76.5316, 86.2021



83.0640, 92.0704, 108.0012



18.2910, 18.0997, 20.1498



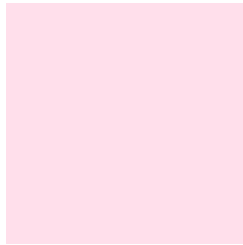
22.7089, 11.5729, 7.1176



2.2620, 1.1472, 0.9610

Previews

White Background



This preview shows how the XYZ color 82.6231, 80.0335, 89.6906 looks on a white background.

Color Contrast Check

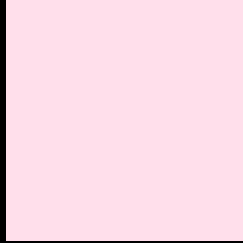
Large Text (above 18pt) WCAG AA × Fail

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 82.6231, 80.0335, 89.6906 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

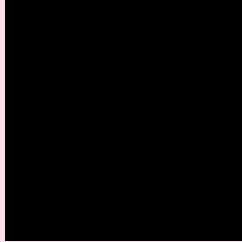
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.6231, 80.0335, 89.6906

Background



This preview shows how black text looks on a background with the XYZ color 82.6231, 80.0335, 89.6906.



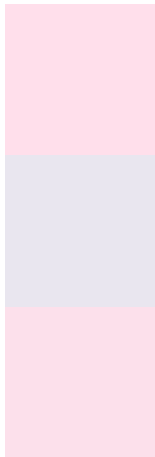
This preview shows how white text looks on a background with the XYZ color 82.6231, 80.0335,

89.6906.

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

82.6231, 80.0335, 89.6906

Protanopia

77.4811, 80.1493, 93.0480

Deuteranopia

81.7959, 80.0049, 89.7286



Tritanopia

83.2077, 80.2673, 92.7690

Trichromacy



Original Color

82.6231, 80.0335, 89.6906

Protanomaly

79.1773, 79.8120, 92.1211

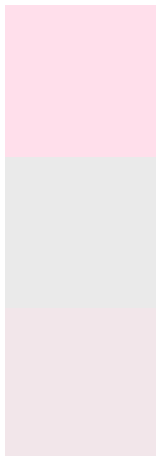
Deuteranomaly

82.1591, 80.1921, 89.7456

Tritanomaly

83.0603, 80.2084, 91.9929

Monochromacy



Original Color

82.6231, 80.0335, 89.6906

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

79.7660, 81.4114, 89.3517

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.6231, 80.0335, 89.6906 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, 235)` looks like.

```
.text, #text, p{  
    color:rgb(255, 223, 235)  
}
```

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, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 223, 235) }
```

Border

The CSS property to change the border of an element to XYZ 82.6231, 80.0335, 89.6906 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, 235) }
```


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

```
.border{ border-color:rgb(255, 223, 235) }
```

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, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 223, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 223, 235);  
box-shadow:4px 4px 4px 4px rgb(255, 223,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 82.6231, 80.0335, 89.6906 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, 235) }
```

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

```
.background{ background-color: rgb(255,  
223, 235) }
```

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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