

Converting Colors

XYZ(81.5135, 79.1489, 88.7572)

Have a look what the booklet for
XYZ(81.5135, 79.1489, 88.7572)
contains.

XYZ(81.4806, 79.0657, 88.8086)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(81.4806, 79.0657,
88.8086)**

Conversions

Conversions Part 1

Format	Color
Hex	FDDEEA
RGB	253, 222, 234
RGB Percent	99%, 87%, 92%
CMY	0.0078, 0.1294, 0.0823
CMYK	0.00, 0.12, 0.08, 0.01
HSL	337°, 89%, 93%
HSV	337°, 12%, 99%
XYZ	81.4806, 79.0657, 88.8086
YIQ	232.6370, 14.6240, 10.3040

Conversions

Conversions Part 2

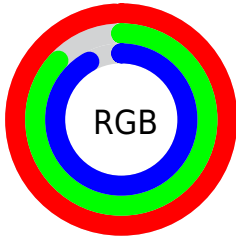
Format	Color
R _Y B	253, 222, 234
Decimal	16637674
CIE Lab	91.26, 12.64, -1.93
CIE LCh	91, 12.781, 351.328
Yxy	79.0657, 0.3268, 0.3171
Android (android.graphics.Color)	4294827754 (0xFFFDDEEA)
YUV	232.6370, 0.6720, 17.8584
Hunter-Lab	88.9189, 7.9599, 3.0268

Details

The XYZ color **81.4806, 79.0657, 88.8086** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.1298, 92.1332, 96.7311**, and the grayscale version is **77.1686, 81.1873, 88.4130**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.6195, 42.5875, 47.9880** is the 20% darker color. If you saturate the color by 10%, you get **73.1275, 65.7697, 75.5088**, and if you desaturate by 10%, it is **91.0415, 94.4632, 103.4751**.

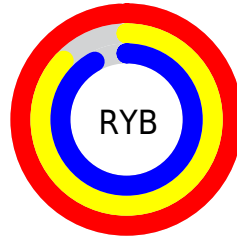
Distribution



Red (99%)

Green (87%)

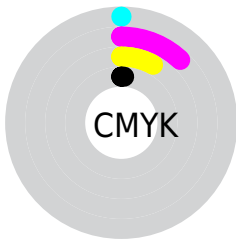
Blue (92%)



Red (99%)

Yellow (87%)

Blue (92%)

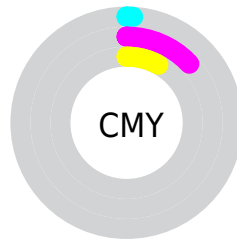


Cyan (0%)

Magenta (12%)

Yellow (8%)

Black (1%)



Cyan (1%)


Magenta (13%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.4806, 79.0657, 88.8086 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 81.4806, 79.0657, 88.8086 by changing the saturation by 10% instead.


 81.4806, 79.0657,
88.8086

 81.4806, 79.0657,
88.8086


488.5695,
491.7786, 544.6174

 61.2501, 58.9498,
66.4248


134.3850,
132.0513, 147.6034

 44.6804, 42.5727,
48.1587

167.7897,
165.6899, 184.8515

 31.4060, 29.5500,
33.5917


206.3165,
204.6048, 227.8914

 21.0615, 19.4973,
22.3053

250.3307,
249.1805, 277.1417

 13.2817, 12.0302,
13.8809

300.1978,
299.8013, 333.0209

 7.7011, 6.7642,
7.9001

356.2831,

 3.9545, 3.3151,

356.8517, 395.9475

3.9442

418.9518,
420.7160, 466.3402

■ 1.6764, 1.2984,
1.5948

■ 0.4414, 0.1399,
0.2871

■ 81.4806, 79.0657,
88.8086

■ 81.4806, 79.0657,
88.8086

■ 73.1275, 65.7697,
75.5088

■ 91.0415, 94.4632,
103.4751

■ 65.9258, 54.4732,
63.5297

94.3185, 99.6229,
108.8658

■ 59.8243, 45.0815,
52.8295

■ 54.7654, 37.4877,
43.3623

■ 50.6860, 31.5745,
35.0792

■ 47.5155, 27.2105,
27.9273

■ 45.1732, 24.2444,
21.8487

■ 43.5625, 22.4937,
16.7781

■ 42.7091, 21.7631,
13.4838

Harmonies

Analogous

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



80.1212, 79.0657, 97.7310



81.4806, 79.0657, 88.8086



81.1059, 79.0657, 79.7592

Triad

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



81.4806, 79.0657, 88.8086



72.9056, 79.0657, 70.5098



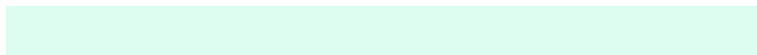
71.3221, 79.0657, 100.7899

Complementary

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



81.4806, 79.0657, 88.8086



81.1298, 92.1332, 96.7311

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.



69.4922, 79.0657, 92.7454



81.4806, 79.0657, 88.8086



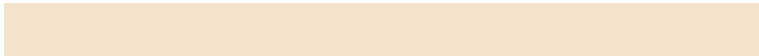
70.3880, 79.0657, 75.4106

Square

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



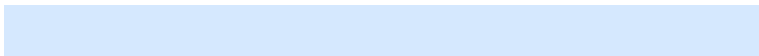
81.4806, 79.0657, 88.8086



76.0932, 79.0657, 69.6222



69.1553, 79.0657, 83.4257



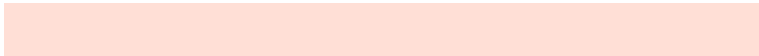
74.2137, 79.0657, 104.9671

Rectangle

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



81.4806, 79.0657, 88.8086



79.9276, 79.0657, 74.8320



69.1553, 79.0657, 83.4257



70.5659, 79.0657, 98.4221

Sweetspot

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



81.4828, 79.0692, 88.8103



90.8914, 93.2677, 102.6282



79.9930, 77.9686, 103.7630



19.2920, 19.7006, 21.7196



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

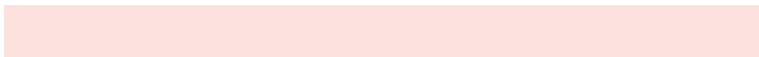
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.4828, 79.0692, 88.8103



80.4905, 76.5578, 86.5464



80.6478, 80.0646, 80.3148



18.3004, 18.1035, 20.1988



22.7854, 11.6034, 7.5201



2.2701, 1.1504, 1.0037

Inverse Universe

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



81.4828, 79.0692, 88.8103



80.4905, 76.5578, 86.5464



82.0110, 90.9327, 106.1590



18.3004, 18.1035, 20.1988



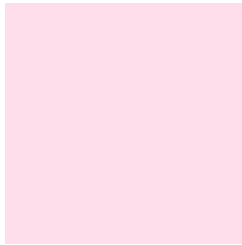
22.7854, 11.6034, 7.5201



2.2701, 1.1504, 1.0037

Previews

White Background



This preview shows how the XYZ color 81.4806, 79.0657, 88.8086 looks on a white background.

Color Contrast Check

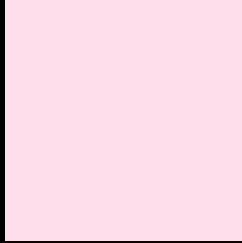
Large Text (above 18pt) WCAG AA × Fail

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 81.4806, 79.0657, 88.8086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

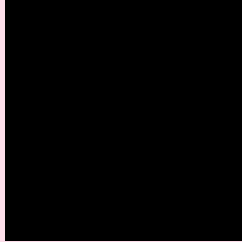
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.4806, 79.0657, 88.8086

Background



This preview shows how black text looks on a background with the XYZ color 81.4806, 79.0657, 88.8086.

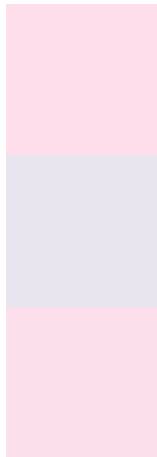


This preview shows how white text looks on a background with the XYZ color 81.4806, 79.0657,

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

81.4806, 79.0657, 88.8086

Protanopia

76.7306, 79.3675, 92.1642

Deuteranopia

81.0226, 79.2251, 88.8635



Tritanopia

82.3095, 79.0157, 92.5747

Trichromacy



Original Color

81.4806, 79.0657, 88.8086

Protanomaly

78.4176, 79.0324, 91.2425

Deuteranomaly

81.3838, 79.4113, 88.8804

Tritanomaly

82.0156, 78.8982, 91.0269

Monochromacy



Original Color

81.4806, 79.0657, 88.8086

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

78.6625, 80.4471, 88.4727

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.4806, 79.0657, 88.8086 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(253, 222, 234) looks like.

```
.text, #text, p{  
    color:rgb(253, 222, 234)  
}
```

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(253, 222, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 222, 234) }
```

Border

The CSS property to change the border of an element to XYZ 81.4806, 79.0657, 88.8086 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(253, 222, 234) }
```


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

```
.border{ border-color:rgb(253, 222, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 222, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 222, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 222, 234);  
box-shadow:4px 4px 4px 4px rgb(253, 222,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 81.4806, 79.0657, 88.8086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 222, 234) }
```

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

```
.background{ background-color: rgb(253,  
222, 234) }
```

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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