

Converting Colors

XYZ(81.6311, 79.8418, 88.0940)

Have a look what the booklet for
XYZ(81.6311, 79.8418, 88.0940)
contains.

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Color

**XYZ(81.8716, 80.0771,
88.2321)**

Conversions

Conversions Part 1

Format	Color
Hex	FDE0E9
RGB	253, 224, 233
RGB Percent	99%, 88%, 91%
CMY	0.0078, 0.1215, 0.0863
CMYK	0.00, 0.11, 0.08, 0.01
HSL	341°, 88%, 94%
HSV	341°, 11%, 99%
XYZ	81.8716, 80.0771, 88.2321
YIQ	233.6970, 14.3950, 8.9470

Conversions

Conversions Part 2

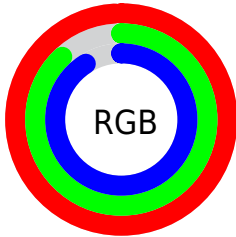
Format	Color
R _Y B	253, 224, 233
Decimal	16638185
CIE Lab	91.72, 11.43, -0.74
CIE LCh	92, 11.454, 356.312
Yxy	80.0771, 0.3272, 0.3201
Android (android.graphics.Color)	4294828265 (0xFFFDE0E9)
YUV	233.6970, -0.3436, 16.9287
Hunter-Lab	89.4858, 6.7115, 4.1807

Details

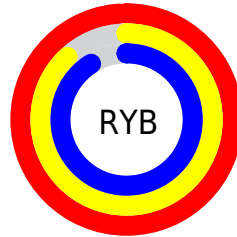
The XYZ color **81.8716, 80.0771, 88.2321** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.1979, 92.6315, 99.1397**, and the grayscale version is **77.9744, 82.0352, 89.3363**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.8887, 43.2860, 47.5841** is the 20% darker color. If you saturate the color by 10%, you get **73.2009, 66.5291, 73.6448**, and if you desaturate by 10%, it is **91.8051, 95.7541, 104.4586**.

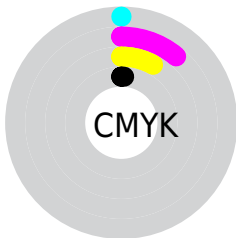
Distribution



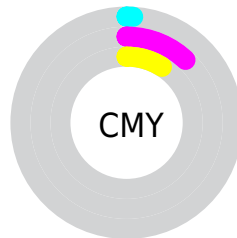
- Red (99%)
- Green (88%)
- Blue (91%)



- Red (99%)
- Yellow (88%)
- Blue (91%)



- Cyan (0%)
- Magenta (11%)
- Yellow (8%)
- Black (1%)





- Cyan (1%)
- Magenta (12%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.8716, 80.0771, 88.2321 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 81.8716, 80.0771, 88.2321 by changing the saturation by 10% instead.


 81.8716, 80.0771,
88.2321

 81.8716, 80.0771,
88.2321


489.8591,
495.1926, 542.6840

 61.5734, 59.7818,
65.9499


134.9307,
133.4741, 146.7942

 44.9424, 43.2428,
47.7755


168.4223,
167.3446, 183.9112

 31.6132, 30.0757,
33.2904


207.0425,
206.5090, 226.8102

 21.2203, 19.8960,
22.0761

251.1566,
251.3517, 275.9097

 13.3985, 12.3195,
13.7140

301.1300,
302.2569, 331.6283

 7.7824, 6.9616,
7.7855

357.3279,

 4.0067, 3.4381,

359.6093, 394.3845

3.8722

420.1159,
423.7930, 464.5969

■ 1.7059, 1.3645,
1.5555

■ 0.4600, 0.1904,
0.2588

■ 81.8716, 80.0771,
88.2321

■ 81.8716, 80.0771,
88.2321

■ 73.2009, 66.5291,
73.6448

■ 91.8051, 95.7541,
104.4586

■ 65.7345, 55.0076,
60.6393

■ 94.3184, 99.6229,
108.8658

■ 59.4194, 45.4176,
49.1621

■ 54.1959, 37.6520,
39.1545

■ 49.9986, 31.5934,
30.5540

■ 46.7549, 27.1105,
23.2930

■ 44.3819, 24.0526,
17.2977

■ 42.7811, 22.2390,
12.4855

■ 41.9013, 21.4400,
9.2305

Harmonies

Analogous

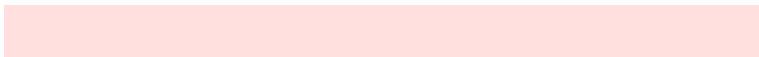
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.8947, 80.0771, 96.4479



81.8716, 80.0771, 88.2321



81.2726, 80.0771, 80.2333

Triad

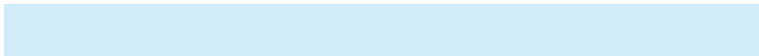
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.8716, 80.0771, 88.2321



73.6413, 80.0771, 73.5144



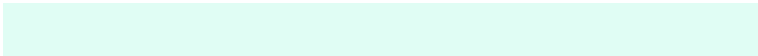
73.0291, 80.0771, 101.3140

Complementary

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



81.8716, 80.0771, 88.2321



82.1979, 92.6315, 99.1397

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.



71.1725, 80.0771, 94.5383



81.8716, 80.0771, 88.2321



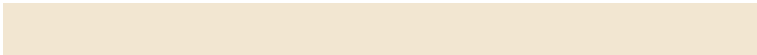
71.5195, 80.0771, 78.5450

Square

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



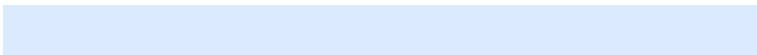
81.8716, 80.0771, 88.2321



76.4738, 80.0771, 72.0621



70.6269, 80.0771, 86.1568



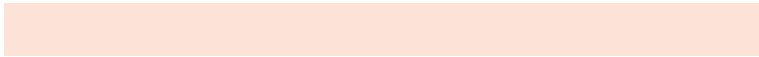
75.7491, 80.0771, 104.3002

Rectangle

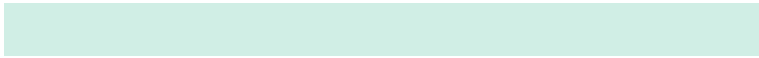
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



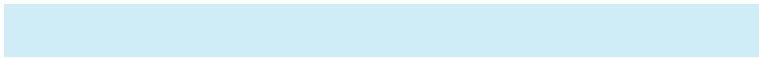
81.8716, 80.0771, 88.2321



80.0683, 80.0771, 76.0375



70.6269, 80.0771, 86.1568



72.2860, 80.0771, 99.3837

Sweetspot

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



81.8739, 80.0806, 88.2338



91.8199, 94.8806, 103.6896



81.6326, 79.6072, 103.9927



19.4728, 20.0228, 21.9014



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

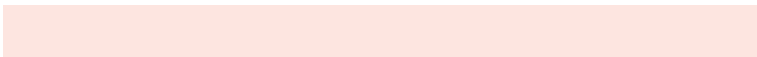
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.8739, 80.0806, 88.2338



80.9856, 77.8140, 85.8910



82.0722, 82.4818, 82.1201



18.2414, 18.0799, 19.8885



22.3469, 11.4281, 5.2113



2.2224, 1.1313, 0.7527

Inverse Universe

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



81.8739, 80.0806, 88.2338



80.9856, 77.8140, 85.8910



81.9428, 89.8816, 105.9595



18.2414, 18.0799, 19.8885



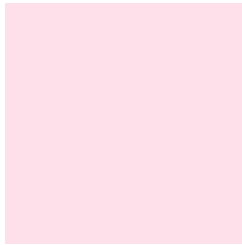
22.3469, 11.4281, 5.2113



2.2224, 1.1313, 0.7527

Previews

White Background



This preview shows how the XYZ color 81.8716, 80.0771, 88.2321 looks on a white background.

Color Contrast Check

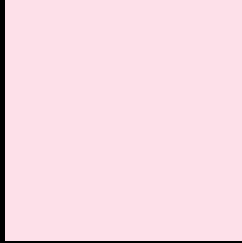
Large Text (above 18pt) WCAG AA × Fail

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 81.8716, 80.0771, 88.2321 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

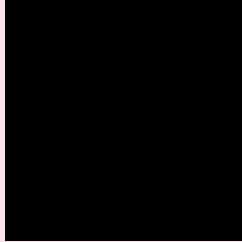
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.8716, 80.0771, 88.2321

Background



This preview shows how black text looks on a background with the XYZ color 81.8716, 80.0771, 88.2321.

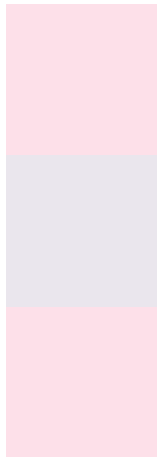


This preview shows how white text looks on a background with the XYZ color 81.8716, 80.0771,

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

81.8716, 80.0771, 88.2321

Protanopia

77.5146, 80.2005, 91.5155

Deuteranopia

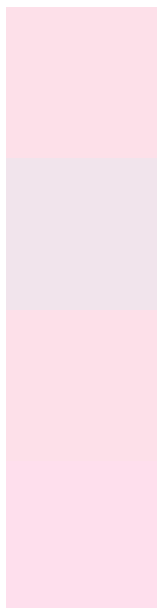
81.8716, 80.0771, 88.2321



Tritanopia

82.9889, 80.1375, 93.5322

Trichromacy



Original Color

81.8716, 80.0771, 88.2321

Protanomaly

79.1594, 80.2437, 90.6733

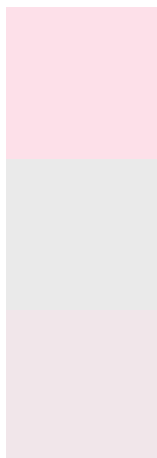
Deuteranomaly

81.8716, 80.0771, 88.2321

Tritanomaly

82.5468, 79.9606, 91.2040

Monochromacy



Original Color

81.8716, 80.0771, 88.2321

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

79.4237, 81.2349, 89.3357

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.8716, 80.0771, 88.2321 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, 224, 233) looks like.

```
.text, #text, p{  
    color:rgb(253, 224, 233)  
}
```

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, 224, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 224, 233) }
```

Border

The CSS property to change the border of an element to XYZ 81.8716, 80.0771, 88.2321 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, 224, 233) }
```


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

```
.border{ border-color:rgb(253, 224, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 224, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 224, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 224, 233);  
box-shadow:4px 4px 4px 4px rgb(253, 224,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 81.8716, 80.0771, 88.2321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 224, 233) }
```

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

```
.background{ background-color: rgb(253,  
224, 233) }
```

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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