

Converting Colors

XYZ(81.0650, 77.8458, 86.3093)

Have a look what the booklet for
XYZ(81.0650, 77.8458, 86.3093)
contains.

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Color

**XYZ(80.9953, 77.6926,
86.3286)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDBE7
RGB	255, 219, 231
RGB Percent	100%, 86%, 91%
CMY	0.0000, 0.1412, 0.0941
CMYK	0.00, 0.14, 0.09, 0.00
HSL	340°, 100%, 93%
HSV	340°, 14%, 100%
XYZ	80.9953, 77.6926, 86.3286
YIQ	231.1320, 17.6040, 11.3640

Conversions

Conversions Part 2

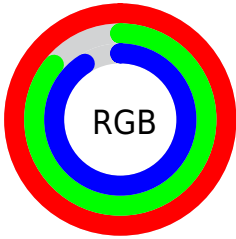
Format	Color
RYB	255, 219, 231
Decimal	16767975
CIELab	90.64, 14.38, -1.25
CIElCh	91, 14.436, 355.040
Yxy	77.6926, 0.3306, 0.3171
Android (android.graphics.Color)	4294958055 (0xFFFFDBE7)
YUV	231.1320, -0.0651, 20.9322
Hunter-Lab	88.1434, 9.7733, 3.6311

Details

The XYZ color **80.9953, 77.6926, 86.3286** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.1536, 93.0524, 98.4813**, and the grayscale version is **76.0469, 80.0072, 87.1279**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.3020, 41.6518, 46.2621** is the 20% darker color. If you saturate the color by 10%, you get **72.5596, 64.4791, 72.2396**, and if you desaturate by 10%, it is **90.6870, 93.0439, 101.9892**.

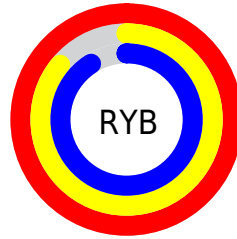
Distribution



Red (100%)

Green (86%)

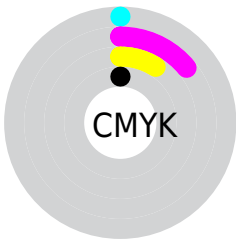
Blue (91%)



Red (100%)

Yellow (86%)

Blue (91%)

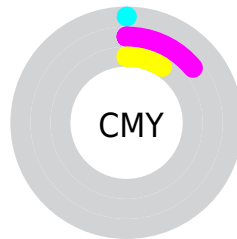


Cyan (0%)

Magenta (14%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (14%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.9953, 77.6926, 86.3286 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 80.9953, 77.6926, 86.3286 by changing the saturation by 10% instead.

 80.9953, 77.6926,
86.3286

 80.9953, 77.6926,
86.3286


486.9664,
487.1222, 536.2729

 60.8490, 57.8215,
64.3833


133.7074,
130.1167, 144.1186

 44.3554, 41.6652,
46.5130


167.0038,
163.4385, 180.8003

 31.1491, 28.8392,
32.2993

205.4144,
202.0126, 223.2312

 20.8648, 18.9592,
21.3235

249.3045,
246.2235, 271.8299

 13.1371, 11.6408,
13.1671

299.0393,
296.4555, 327.0148

 7.6007, 6.4996,
7.4116

354.9844,

 3.8902, 3.1512,

353.0930, 389.2046

3.6385

417.5049,
416.5205, 458.8178

■ 1.6402, 1.2112,
1.4292

■ 0.4184, 0.0708,
0.1643

■ 80.9953, 77.6926,
86.3286

■ 80.9953, 77.6926,
86.3286

■ 72.5596, 64.4791,
72.2396

■ 90.6870, 93.0439,
101.9892

■ 65.3216, 53.2987,
59.6669

95.0500, 100.0000,
108.9000

■ 59.2263, 44.0521,
48.5593

■ 54.2124, 36.6282,
38.8603

■ 50.2122, 30.9041,
30.5097

■ 47.1504, 26.7419,
23.4422

■ 44.9400, 23.9815,
17.5863

■ 43.4759, 22.4278,
12.8609

■ 42.8790, 21.9156,
10.5607

Harmonies

Analogous

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



79.6947, 77.6926, 96.5334



80.9953, 77.6926, 86.3286



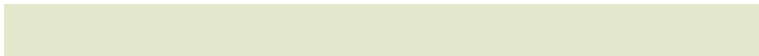
80.3293, 77.6926, 76.4374

Triad

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



80.9953, 77.6926, 86.3286



70.9386, 77.6926, 67.7943



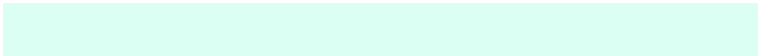
69.9290, 77.6926, 101.9982

Complementary

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



80.9953, 77.6926, 86.3286



81.1536, 93.0524, 98.4813

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.



67.7184, 77.6926, 93.3113



80.9953, 77.6926, 86.3286



68.2878, 77.6926, 73.6821

Square

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



80.9953, 77.6926, 86.3286



74.4477, 77.6926, 66.2547



67.1274, 77.6926, 82.8829



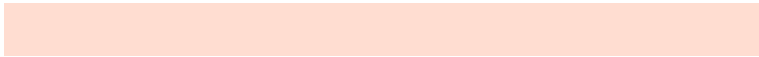
73.2446, 77.6926, 106.0392

Rectangle

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



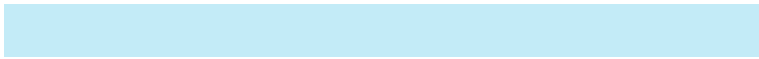
80.9953, 77.6926, 86.3286



78.8708, 77.6926, 71.2630



67.1274, 77.6926, 82.8829



69.0364, 77.6926, 99.4918

Sweetspot

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



80.9971, 77.6959, 86.3302



90.8062, 93.2336, 102.1790



80.3460, 76.9413, 105.2242



19.2704, 19.6920, 21.6062



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

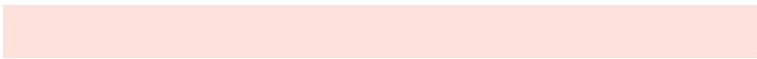
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.9971, 77.6959, 86.3302



78.4369, 73.6685, 82.1066



80.9536, 80.2280, 78.2409



18.2590, 18.0869, 19.9812



22.4667, 11.4760, 5.8422



2.2358, 1.1367, 0.8230

Inverse Universe

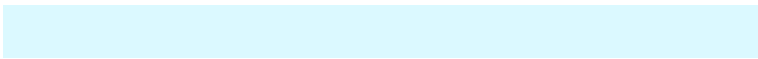
The Inverse Universe completely reimagines the original color for something new.



80.9971, 77.6959, 86.3302



78.4369, 73.6685, 82.1066



81.1413, 90.0330, 107.7093



18.2590, 18.0869, 19.9812



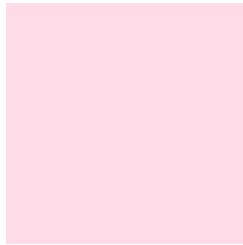
22.4667, 11.4760, 5.8422



2.2358, 1.1367, 0.8230

Previews

White Background



This preview shows how the XYZ color 80.9953, 77.6926, 86.3286 looks on a white background.

Color Contrast Check

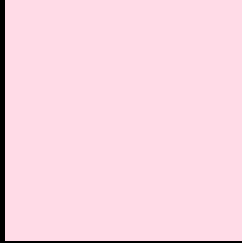
Large Text (above 18pt) WCAG AA × Fail

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 80.9953, 77.6926, 86.3286 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

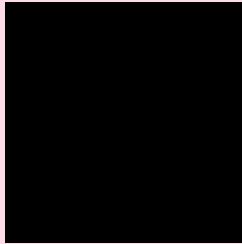
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 80.9953, 77.6926, 86.3286

Background



This preview shows how black text looks on a background with the XYZ color 80.9953, 77.6926, 86.3286.

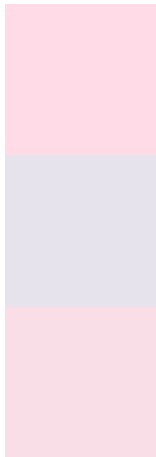


This preview shows how white text looks on a background with the XYZ color 80.9953, 77.6926,

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

80.9953, 77.6926, 86.3286

Protanopia

75.2425, 77.8173, 90.4114

Deuteranopia

79.3472, 77.6222, 86.4018



Tritanopia

81.5669, 77.9212, 89.3385

Trichromacy



Original Color

80.9953, 77.6926, 86.3286

Protanomaly

77.1035, 77.6025, 88.7569

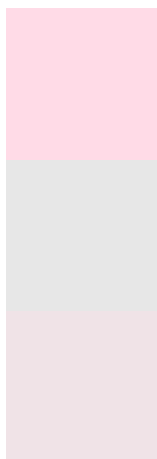
Deuteranomaly

79.8007, 77.4652, 86.3476

Tritanomaly

81.4228, 77.8635, 88.5796

Monochromacy



Original Color

80.9953, 77.6926, 86.3286

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

77.8281, 79.2330, 86.7928

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.9953, 77.6926, 86.3286 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, 219, 231)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 231)  
}
```

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, 219, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 231) }
```

Border

The CSS property to change the border of an element to XYZ 80.9953, 77.6926, 86.3286 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, 219, 231) }
```


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

```
.border{ border-color:rgb(255, 219, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 219, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 231);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 80.9953, 77.6926, 86.3286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 219, 231) }
```

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

```
.background{ background-color: rgb(255,  
219, 231) }
```

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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