

Converting Colors

XYZ(81.7434, 80.8642, 87.7038)

Have a look what the booklet for
XYZ(81.7434, 80.8642, 87.7038)
contains.

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Color

**XYZ(81.5455, 80.7281,
87.6281)**

Conversions

Conversions Part 1

Format	Color
Hex	FBE2E8
RGB	251, 226, 232
RGB Percent	98%, 89%, 91%
CMY	0.0157, 0.1137, 0.0902
CMYK	0.00, 0.10, 0.08, 0.02
HSL	346°, 76%, 94%
HSV	346°, 10%, 98%
XYZ	81.5455, 80.7281, 87.6281
YIQ	234.1590, 12.9740, 7.1660

Conversions

Conversions Part 2

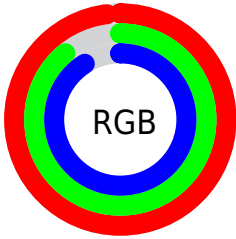
Format	Color
R _Y B	251, 226, 232
Decimal	16507624
CIE Lab	92.01, 9.54, 0.19
CIE LCh	92, 9.545, 1.150
Yxy	80.7281, 0.3263, 0.3230
Android (android.graphics.Color)	4294697704 (0xFFFB E2E8)
YUV	234.1590, -1.0644, 14.7696
Hunter-Lab	89.8488, 4.7686, 5.0696

Details

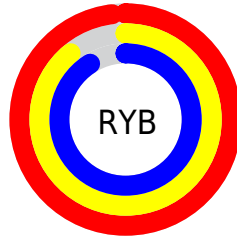
The XYZ color **81.5455, 80.7281, 87.6281** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.3457, 91.7578, 99.7616**, and the grayscale version is **78.3300, 82.4092, 89.7436**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.6475, 43.7297, 47.1618** is the 20% darker color. If you saturate the color by 10%, you get **72.6492, 67.0390, 72.0099**, and if you desaturate by 10%, it is **91.7398, 96.5402, 105.1326**.

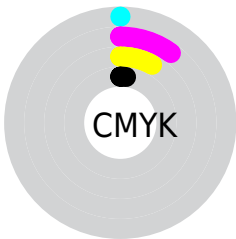
Distribution



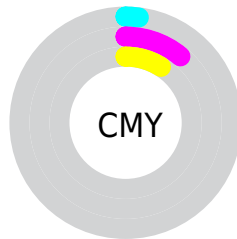
- Red (98%)
- Green (89%)
- Blue (91%)



- Red (98%)
- Yellow (89%)
- Blue (91%)



- Cyan (0%)
- Magenta (10%)
- Yellow (8%)
- Black (2%)





- Cyan (2%)
- Magenta (11%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.5455, 80.7281, 87.6281 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 81.5455, 80.7281, 87.6281 by changing the saturation by 10% instead.


 81.5455, 80.7281,
87.6281

 81.5455, 80.7281,
87.6281


488.7837,
497.3832, 540.6543

 61.3038, 60.3177,
65.4525


134.4756,
134.3889, 145.9459

 44.7239, 43.6748,
47.3744


167.8947,
168.4081, 182.9251

 31.4403, 30.4149,
32.9753


206.4370,
207.7324, 225.6761

 21.0878, 20.1537,
21.8366

250.4679,
252.7461, 274.6172

 13.3011, 12.5068,
13.5397

300.3526,
303.8336, 330.1670

 7.7146, 7.0898,
7.6661

356.4566,

 3.9631, 3.5183,

361.3794, 392.7441

3.7974

419.1452,
425.7678, 462.7670

■ 1.6813, 1.4080,
1.5149

■ 0.4445, 0.2226,
0.2290

■ 81.5455, 80.7281,
87.6281

■ 81.5455, 80.7281,
87.6281

■ 72.6492, 67.0390,
72.0099

■ 91.7398, 96.5402,
105.1326

■ 64.9913, 55.3719,
58.2089

■ 93.5941, 99.2495,
108.8319

■ 58.5180, 45.6339,
46.1598

■ 53.1687, 37.7201,
35.7909

■ 48.8770, 31.5159,
27.0257

■ 45.5697, 26.8935,
19.7813

■ 43.1636, 23.7071,
13.9671

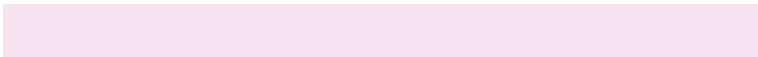
■ 41.5608, 21.7834,
9.4815

■ 40.6085, 20.8410,
6.1974

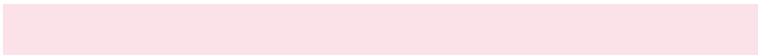
Harmonies

Analogous

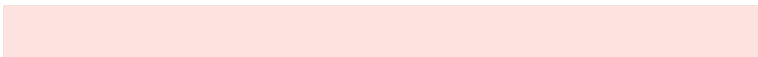
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.9380, 80.7281, 94.5835



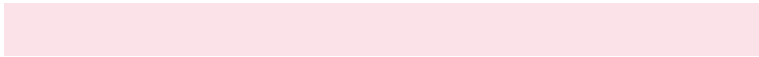
81.5455, 80.7281, 87.6281



80.8399, 80.7281, 81.0912

Triad

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



81.5455, 80.7281, 87.6281



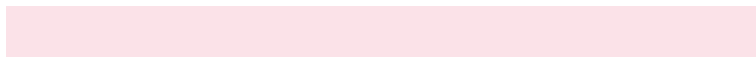
74.3141, 80.7281, 76.8319



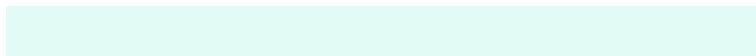
74.4749, 80.7281, 100.2772

Complementary

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



81.5455, 80.7281, 87.6281



82.3457, 91.7578, 99.7616

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.



72.7611, 80.7281, 95.0779



81.5455, 80.7281, 87.6281



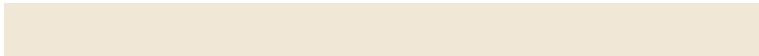
72.6697, 80.7281, 81.5375

Square

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



81.5455, 80.7281, 87.6281



76.6349, 80.7281, 75.0665



72.1072, 80.7281, 88.1708



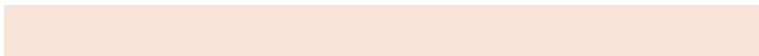
76.8244, 80.7281, 102.1169

Rectangle

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



81.5455, 80.7281, 87.6281



79.7283, 80.7281, 77.7875



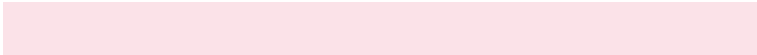
72.1072, 80.7281, 88.1708



73.8071, 80.7281, 98.8512

Sweetspot

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



81.5478, 80.7316, 87.6298



91.7357, 94.8469, 103.2462



82.1806, 80.7290, 102.5187



19.4501, 20.0137, 21.7820



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

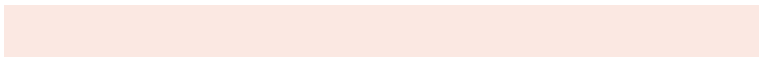
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.5478, 80.7316, 87.6298



82.5319, 80.5980, 87.3576



82.4408, 83.8575, 83.7967



17.4153, 17.2935, 18.7765



21.3907, 10.9720, 3.4997



2.0208, 1.0320, 0.5328

Inverse Universe

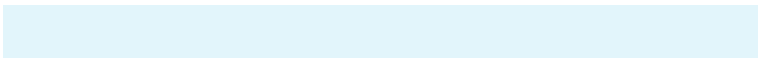
The Inverse Universe completely reimagines the original color for something new.



81.5478, 80.7316, 87.6298



82.5319, 80.5980, 87.3576



81.3562, 88.2899, 104.0216



17.4153, 17.2935, 18.7765



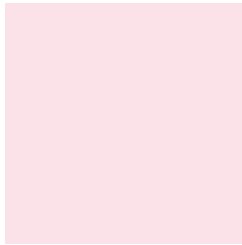
21.3907, 10.9720, 3.4997



2.0208, 1.0320, 0.5328

Previews

White Background



This preview shows how the XYZ color 81.5455, 80.7281, 87.6281 looks on a white background.

Color Contrast Check

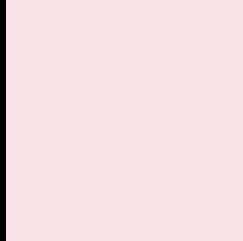
Large Text (above 18pt) WCAG AA × Fail

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 81.5455, 80.7281, 87.6281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

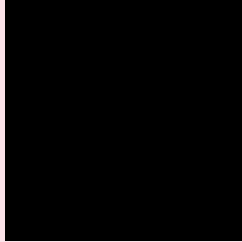
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.5455, 80.7281, 87.6281

Background



This preview shows how black text looks on a background with the XYZ color 81.5455, 80.7281, 87.6281.



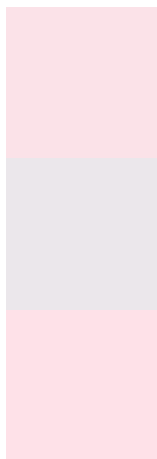
This preview shows how white text looks on a background with the XYZ color 81.5455, 80.7281,

87.6281.

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

81.5455, 80.7281, 87.6281

Protanopia

77.8323, 80.8122, 90.0934

Deuteranopia

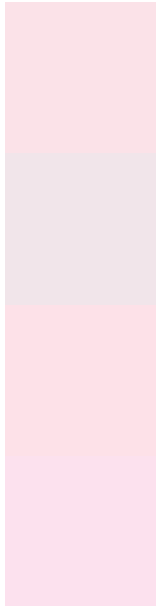
82.3638, 80.7475, 87.5887



Tritanopia

82.8276, 80.4176, 95.1611

Trichromacy



Original Color

81.5455, 80.7281, 87.6281

Protanomaly

79.1462, 80.6799, 89.2432

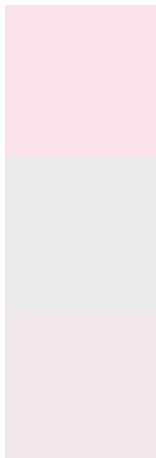
Deuteranomaly

81.9987, 80.5593, 87.5716

Tritanomaly

82.5027, 80.7189, 92.1209

Monochromacy



Original Color

81.5455, 80.7281, 87.6281

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

79.2191, 81.5603, 88.6582

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.5455, 80.7281, 87.6281 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(251, 226, 232) looks like.

```
.text, #text, p{  
    color:rgb(251, 226, 232)  
}
```

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(251, 226, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 226, 232) }
```

Border

The CSS property to change the border of an element to XYZ 81.5455, 80.7281, 87.6281 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(251, 226, 232) }
```


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

```
.border{ border-color:rgb(251, 226, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 226, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 226, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 226, 232);  
box-shadow:4px 4px 4px 4px rgb(251, 226,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 81.5455, 80.7281, 87.6281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 226, 232) }
```

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

```
.background{ background-color: rgb(251,  
226, 232) }
```

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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