

Converting Colors

XYZ(94.3312, 87.0946, 88.0257)

Have a look what the booklet for
XYZ(94.3312, 87.0946, 88.0257)
contains.

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Color

**XYZ(82.7307, 80.9366,
87.6059)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE1E8
RGB	255, 225, 232
RGB Percent	100%, 88%, 91%
CMY	0.0000, 0.1176, 0.0902
CMYK	0.00, 0.12, 0.09, 0.00
HSL	346°, 100%, 94%
HSV	346°, 12%, 100%
XYZ	82.7307, 80.9366, 87.6059
YIQ	234.7680, 15.6330, 8.5370

Conversions

Conversions Part 2

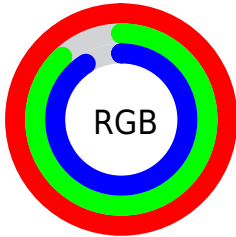
Format	Color
R _Y B	255, 225, 232
Decimal	16769512
CIE Lab	92.10, 11.43, 0.37
CIE LCh	92, 11.439, 1.841
Yxy	80.9366, 0.3292, 0.3221
Android (android.graphics.Color)	4294959592 (0xFFFFE1E8)
YUV	234.7680, -1.3646, 17.7435
Hunter-Lab	89.9648, 6.7085, 5.2399

Details

The XYZ color **82.7307, 80.9366, 87.6059** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **83.7572, 94.3061, 102.5989**, and the grayscale version is **78.7926, 82.8959, 90.2737**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.4999, 43.8898, 47.1478** is the 20% darker color. If you saturate the color by 10%, you get **73.7204, 67.1162, 71.6540**, and if you desaturate by 10%, it is **93.0831, 96.9461, 105.5319**.

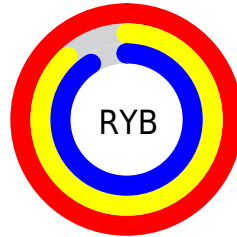
Distribution



Red (100%)

Green (88%)

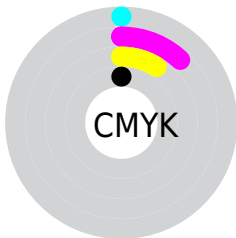
Blue (91%)



Red (100%)

Yellow (88%)

Blue (91%)

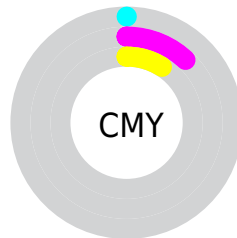


Cyan (0%)

Magenta (12%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (12%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.7307, 80.9366, 87.6059 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 82.7307, 80.9366, 87.6059 by changing the saturation by 10% instead.


 82.7307, 80.9366,
87.6059

 82.7307, 80.9366,
87.6059


492.6861,
498.0837, 540.5796

 62.2842, 60.4894,
65.4343


136.1287,
134.6817, 145.9147

 45.5188, 43.8132,
47.3597


169.8109,
168.7485, 182.8889

 32.0693, 30.5237,
32.9637


208.6357,
208.1238, 225.6343

 21.5702, 20.2364,
21.8278

252.9684,
253.1922, 274.5696

 13.6563, 12.5670,
13.5333

303.1745,
304.3379, 330.1132

 7.9621, 7.1311,
7.6618

359.6192,

 4.1223, 3.5442,

361.9455, 392.6838

3.7946

422.6680,
426.3993, 462.6997

■ 1.7716, 1.4220,
1.5134

■ 0.5004, 0.2329,
0.2279

■ 82.7307, 80.9366,
87.6059

■ 82.7307, 80.9366,
87.6059

■ 73.7204, 67.1162,
71.6540

■ 93.0831, 96.9461,
105.5319

■ 65.9913, 55.3801,
57.6028

95.0500, 100.0000,
108.9000

■ 59.4856, 45.6294,
45.3820

■ 54.1391, 37.7535,
34.9145

■ 49.8814, 31.6311,
26.1181

■ 46.6342, 27.1261,
18.9031

■ 44.3085, 24.0824,
13.1714

■ 42.7983, 22.3125,
8.8124

■ 42.0418, 21.5807,
6.1521

Harmonies

Analogous

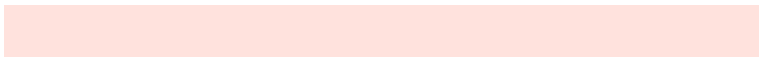
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.0319, 80.9366, 96.0076



82.7307, 80.9366, 87.6059



81.8420, 80.9366, 79.8400

Triad

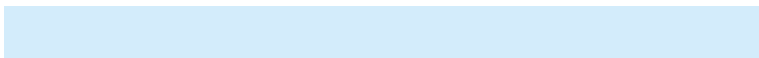
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.7307, 80.9366, 87.6059



73.9773, 80.9366, 75.0480



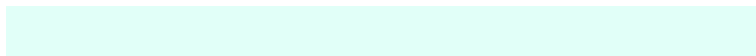
74.2849, 80.9366, 103.2200

Complementary

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



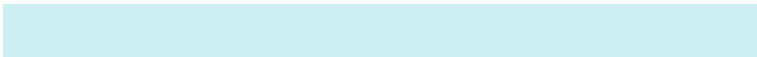
82.7307, 80.9366, 87.6059



83.7572, 94.3061, 102.5989

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.



72.2144, 80.9366, 96.9668



82.7307, 80.9366, 87.6059



72.0400, 80.9366, 80.6884

Square

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



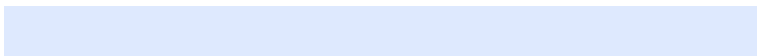
82.7307, 80.9366, 87.6059



76.7459, 80.9366, 72.8829



71.4028, 80.9366, 88.6486



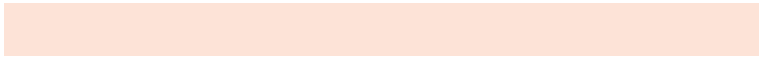
77.1100, 80.9366, 105.3592

Rectangle

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



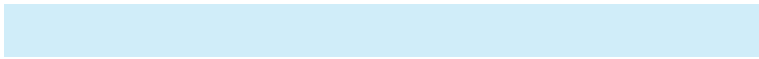
82.7307, 80.9366, 87.6059



80.4817, 80.9366, 75.9733



71.4028, 80.9366, 88.6486



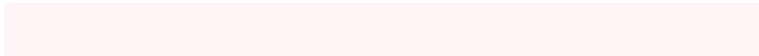
73.4801, 80.9366, 101.5105

Sweetspot

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



82.7325, 80.9399, 87.6076



90.6481, 93.1703, 101.3466



83.6887, 81.0304, 105.8373



19.2305, 19.6760, 21.3960



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

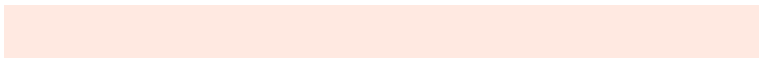
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.7325, 80.9399, 87.6076



80.6016, 77.6604, 83.8690



83.9716, 84.9769, 83.2148



18.1829, 18.0565, 19.5805



22.0149, 11.2952, 3.4629



2.1834, 1.1157, 0.5473

Inverse Universe

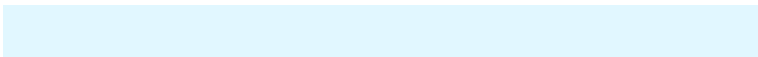
The Inverse Universe completely reimagines the original color for something new.



82.7325, 80.9399, 87.6076



80.6016, 77.6604, 83.8690



82.3645, 89.7510, 107.5903



18.1829, 18.0565, 19.5805



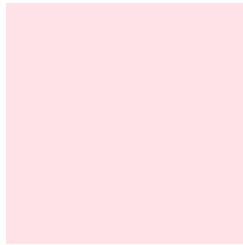
22.0149, 11.2952, 3.4629



2.1834, 1.1157, 0.5473

Previews

White Background



This preview shows how the XYZ color 82.7307, 80.9366, 87.6059 looks on a white background.

Color Contrast Check

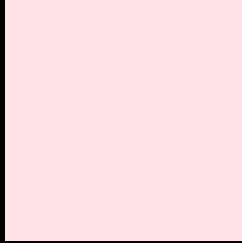
Large Text (above 18pt) WCAG AA × Fail

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 82.7307, 80.9366, 87.6059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

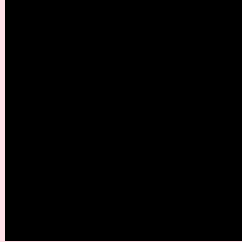
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.7307, 80.9366, 87.6059

Background



This preview shows how black text looks on a background with the XYZ color 82.7307, 80.9366, 87.6059.



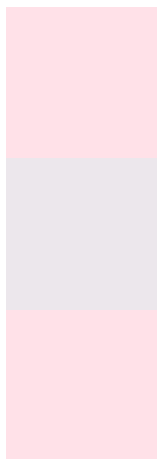
This preview shows how white text looks on a background with the XYZ color 82.7307, 80.9366,

87.6059.

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

82.7307, 80.9366, 87.6059

Protanopia

78.3083, 81.0408, 90.8720

Deuteranopia

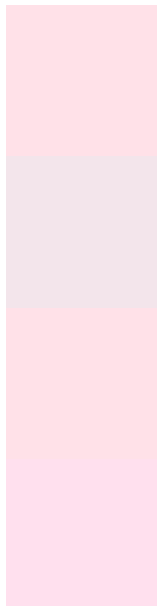
82.7307, 80.9366, 87.6059



Tritanopia

83.7728, 80.9222, 94.4233

Trichromacy



Original Color

82.7307, 80.9366, 87.6059

Protanomaly

79.9769, 81.0915, 90.0342

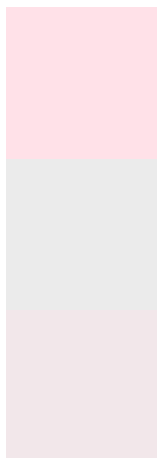
Deuteranomaly

82.7307, 80.9366, 87.6059

Tritanomaly

83.3283, 80.7444, 92.0823

Monochromacy



Original Color

82.7307, 80.9366, 87.6059

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

80.0451, 81.9696, 89.4448

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.7307, 80.9366, 87.6059 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, 225, 232)` looks like.

```
.text, #text, p{  
    color:rgb(255, 225, 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(255, 225, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 225, 232) }
```

Border

The CSS property to change the border of an element to XYZ 82.7307, 80.9366, 87.6059 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, 225, 232) }
```


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

```
.border{ border-color:rgb(255, 225, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 225, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 225, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 225, 232);  
box-shadow:4px 4px 4px 4px rgb(255, 225,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 82.7307, 80.9366, 87.6059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 225, 232) }
```

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

```
.background{ background-color: rgb(255,  
225, 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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