

Converting Colors

XYZ(80.9389, 82.8988, 87.3377)

Have a look what the booklet for
XYZ(80.9389, 82.8988, 87.3377)
contains.

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Color

**XYZ(80.9366, 82.8952,
87.3359)**

Conversions

Conversions Part 1

Format	Color
Hex	F5E8E7
RGB	245, 232, 231
RGB Percent	96%, 91%, 91%
CMY	0.0392, 0.0902, 0.0941
CMYK	0.00, 0.05, 0.06, 0.04
HSL	4°, 41%, 93%
HSV	4°, 6%, 96%
XYZ	80.9366, 82.8952, 87.3359
YIQ	235.7730, 8.0690, 2.4450

Conversions

Conversions Part 2

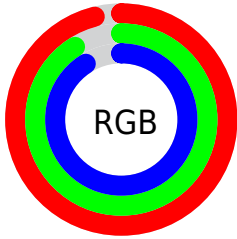
Format	Color
R_{YB}	245, 232, 231
Decimal	16115943
CIE Lab	92.97, 4.23, 2.05
CIE LCh	93, 4.699, 25.868
Yxy	82.8952, 0.3222, 0.3300
Android (android.graphics.Color)	4294306023 (0xFF5E8E7)
YUV	235.7730, -2.3531, 8.0921
Hunter-Lab	91.0468, -0.6533, 6.8593

Details

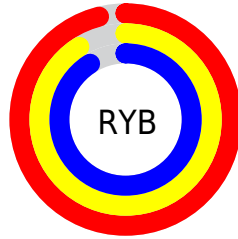
The XYZ color **80.9366, 82.8952, 87.3359** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.7870, 88.2815, 99.1166**, and the grayscale version is **79.5703, 83.7141, 91.1647**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.2495, 44.9646, 46.9043** is the 20% darker color. If you saturate the color by 10%, you get **71.7233, 69.6234, 68.3709**, and if you desaturate by 10%, it is **91.3865, 97.9925, 108.7056**.

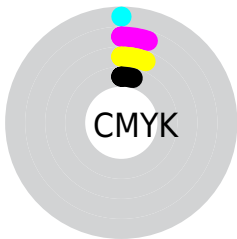
Distribution



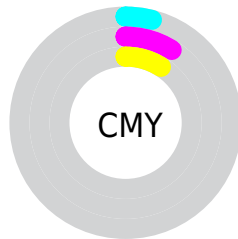
- Red (96%)
- Green (91%)
- Blue (91%)



- Red (96%)
- Yellow (91%)
- Blue (91%)



- Cyan (0%)
- Magenta (5%)
- Yellow (6%)
- Black (4%)



- Cyan (4%)
- Magenta (9%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.9366, 82.8952, 87.3359 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 80.9366, 82.8952, 87.3359 by changing the saturation by 10% instead.

80.9366, 82.8952,
87.3359

80.9366, 82.8952,
87.3359

486.7723,
504.6372, 539.6708

60.8005, 62.1037,
65.2120

133.6254,
137.4287, 145.5352

44.3161, 45.1165,
47.1806

166.9087,
171.9394, 182.4478

31.1181, 31.5492,
32.8231

205.3052,
211.7921, 225.1269

20.8410, 21.0174,
21.7209

249.1802,
257.3710, 273.9912

13.1197, 13.1367,
13.4556

298.8991,
309.0605, 329.4592

7.5886, 7.5228,
7.6086

354.8271,

3.8824, 3.7911,

367.2452, 391.9494

3.7614

417.3297,
432.3093, 461.8805

■ 1.6358, 1.5574,
1.4954

■ 0.4156, 0.3286,
0.2145

■ 80.9366, 82.8952,
87.3359

■ 80.9366, 82.8952,
87.3359

■ 71.7233, 69.6234,
68.3709

■ 91.3865, 97.9925,
108.7056

■ 63.7689, 58.1275,
52.1155

■ 91.4666, 98.1527,
108.7323

■ 57.0210, 48.3354,
38.4475

■ 51.4203, 40.1660,
27.2334

■ 46.9030, 33.5317,
18.3278

■ 43.3987, 28.3364,
11.5698

■ 40.8289, 24.4733,
6.7780

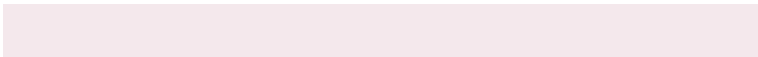
■ 39.1033, 21.8206,
3.7410

■ 38.1135, 20.2343,
2.1985

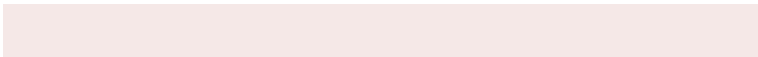
Harmonies

Analogous

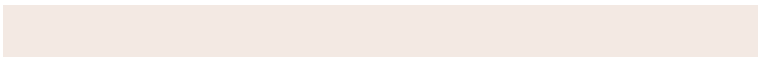
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.1718, 82.8952, 90.7477



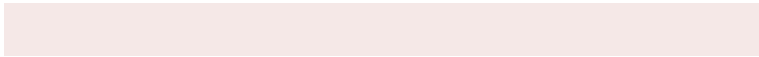
80.9366, 82.8952, 87.3359



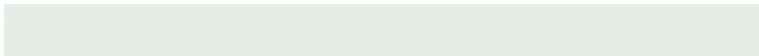
80.1239, 82.8952, 84.7677

Triad

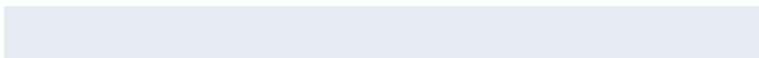
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.9366, 82.8952, 87.3359



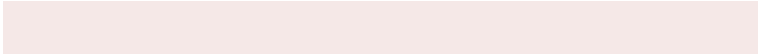
76.8480, 82.8952, 86.5115



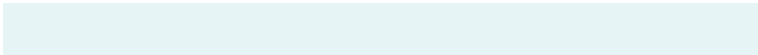
78.6191, 82.8952, 97.1841

Complementary

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



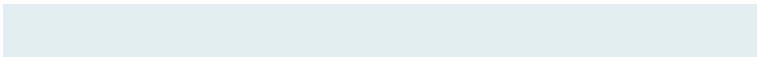
80.9366, 82.8952, 87.3359



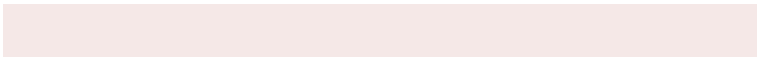
81.7870, 88.2815, 99.1166

Split Complementary

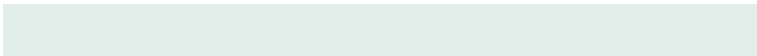
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.4699, 82.8952, 95.9820



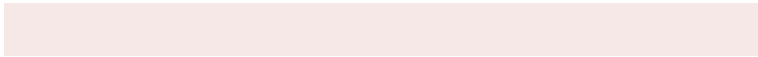
80.9366, 82.8952, 87.3359



76.4541, 82.8952, 89.7716

Square

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



80.9366, 82.8952, 87.3359



77.7621, 82.8952, 84.3005



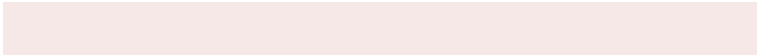
76.6805, 82.8952, 93.2462



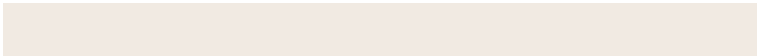
79.8257, 82.8952, 96.4914

Rectangle

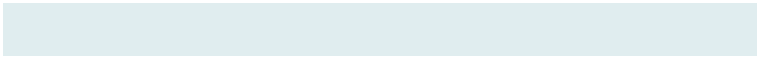
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



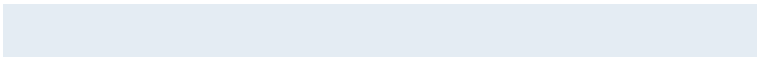
80.9366, 82.8952, 87.3359



79.3682, 82.8952, 83.8488



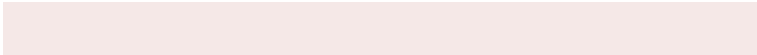
76.6805, 82.8952, 93.2462



78.2134, 82.8952, 96.9874

Sweetspot

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



80.9389, 82.8988, 87.3377



92.7479, 96.6924, 104.1354



82.5725, 83.1013, 97.3302



19.8760, 20.7308, 22.3392



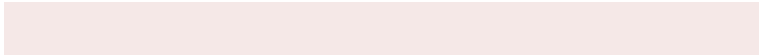
0.0000, 0.0000, 0.0000



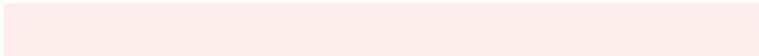
20.3446, 21.4041, 23.3091

Same Dimension

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



80.9389, 82.8988, 87.3377



87.2480, 88.7831, 92.7741



82.9281, 86.8772, 88.0007



16.9812, 17.2299, 17.9380



20.4346, 10.7548, 0.9989



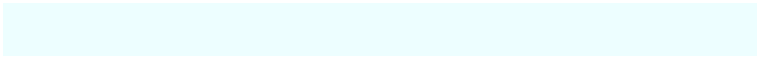
1.8286, 1.0105, 0.0987

Inverse Universe

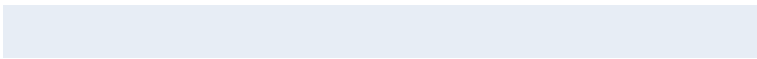
The Inverse Universe completely reimagines the original color for something new.



81.7870, 88.2815, 99.1166



88.3781, 95.9562, 108.4711



79.7411, 84.1897, 98.4347



17.2199, 18.7448, 21.2531



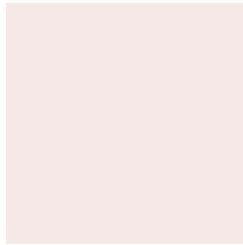
23.7839, 33.3615, 51.7239



2.1203, 2.9919, 4.5560

Previews

White Background



This preview shows how the XYZ color 80.9366, 82.8952, 87.3359 looks on a white background.

Color Contrast Check

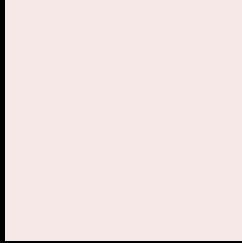
Large Text (above 18pt) WCAG AA × Fail

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 80.9366, 82.8952, 87.3359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

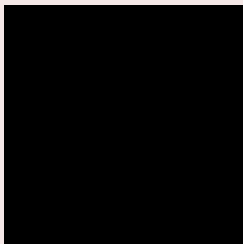
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

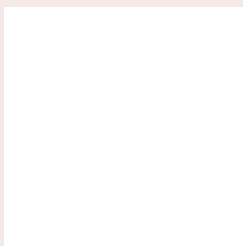
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 80.9366, 82.8952, 87.3359

Background



This preview shows how black text looks on a background with the XYZ color 80.9366, 82.8952, 87.3359.



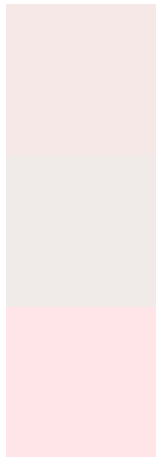
This preview shows how white text looks on a background with the XYZ color 80.9366, 82.8952,

87.3359.

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

80.9366, 82.8952, 87.3359

Protanopia

79.9235, 83.1971, 88.1902

Deuteranopia

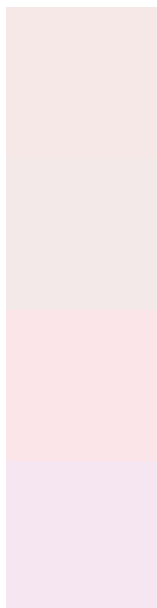
83.5489, 82.5730, 87.8786



Tritanopia

83.3204, 82.5901, 100.3570

Trichromacy



Original Color

80.9366, 82.8952, 87.3359

Protanomaly

80.3224, 82.9813, 88.1275

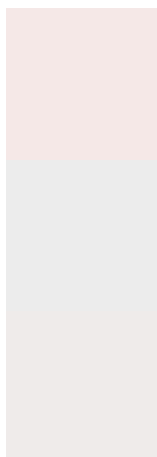
Deuteranomaly

82.3685, 82.3740, 87.9024

Tritanomaly

82.3299, 82.5973, 95.6080

Monochromacy



Original Color

80.9366, 82.8952, 87.3359

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

80.1562, 83.7079, 89.7745

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.9366, 82.8952, 87.3359 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(245, 232, 231) looks like.

```
.text, #text, p{  
    color:rgb(245, 232, 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(245, 232, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 232, 231) }
```

Border

The CSS property to change the border of an element to XYZ 80.9366, 82.8952, 87.3359 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(245, 232, 231) }
```


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

```
.border{ border-color:rgb(245, 232, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 232, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 232, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 232, 231);  
box-shadow:4px 4px 4px 4px rgb(245, 232,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 80.9366, 82.8952, 87.3359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 232, 231) }
```

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

```
.background{ background-color: rgb(245,  
232, 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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