

Converting Colors

XYZ(81.1279, 87.6183, 92.7452)

Have a look what the booklet for
XYZ(81.1279, 87.6183, 92.7452)
contains.

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Color

**XYZ(81.2683, 87.7080,
92.7668)**

Conversions

Conversions Part 1

Format	Color
Hex	EAF3ED
RGB	234, 243, 237
RGB Percent	92%, 95%, 93%
CMY	0.0823, 0.0470, 0.0706
CMYK	0.04, 0.00, 0.02, 0.05
HSL	140°, 27%, 94%
HSV	140°, 4%, 95%
XYZ	81.2683, 87.7080, 92.7668
YIQ	239.6250, -3.4380, -3.7740

Conversions

Conversions Part 2

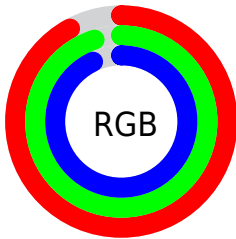
Format	Color
RYB	234, 241, 243
Decimal	15397869
CIELab	95.04, -4.04, 1.84
CIELCh	95, 4.445, 155.496
Yxy	87.7080, 0.3105, 0.3351
Android (android.graphics.Color)	4293587949 (0xFFEAF3ED)
YUV	239.6250, -1.2941, -4.9331
Hunter-Lab	93.6525, -8.9961, 6.8275

Details

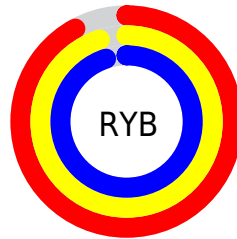
The XYZ color **81.2683, 87.7080, 92.7668** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **82.1163, 84.1938, 94.3653**, and the grayscale version is **82.5451, 86.8439, 94.5730**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.4709, 48.3418, 50.7031** is the 20% darker color. If you saturate the color by 10%, you get **71.5698, 82.9720, 80.5088**, and if you desaturate by 10%, it is **91.0546, 92.4695, 106.1493**.

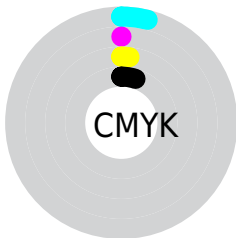
Distribution



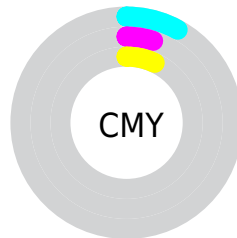
- Red (92%)
- Green (95%)
- Blue (93%)



- Red (92%)
- Yellow (95%)
- Blue (95%)



- Cyan (4%)
- Magenta (0%)
- Yellow (2%)
- Black (5%)



- Cyan (8%)
- Magenta (5%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.2683, 87.7080, 92.7668 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 81.2683, 87.7080, 92.7668 by changing the saturation by 10% instead.

81.2683, 87.7080,
92.7668

81.2683, 87.7080,
92.7668

487.8686,
520.5465, 557.7913

61.0746, 66.0813,
69.6911

134.0886,
144.1506, 153.1446

44.5382, 48.3384,
50.7995

167.4460,
179.7352, 191.2838

31.2935, 34.0949,
35.6734

205.9220,
220.7412, 235.2813

20.9754, 22.9665,
23.8944

249.8819,
267.5531, 285.5555

13.2184, 14.5688,
15.0438

299.6912,
320.5551, 342.5251

7.6571, 8.5173,
8.7032

355.7152,

3.9263, 4.4277,

380.1318, 406.6086

4.4539

418.3192,
446.6675, 478.2245

■ 1.6605, 1.9156,
1.8775

■ 0.4314, 0.5577,
0.4784

■ 81.2683, 87.7080,
92.7668

■ 81.2683, 87.7080,
92.7668

■ 71.5698, 82.9720,
80.5088

■ 91.0546, 92.4695,
106.1493

■ 63.1272, 78.8569,
69.3952

■ 91.3423, 92.5845,
107.6641

■ 55.8897, 75.3397,
59.3947

■ 49.8004, 72.3917,
50.4725

■ 44.7974, 69.9819,
42.5922

■ 40.8130, 68.0759,
35.7151

■ 37.7714, 66.6357,
29.8001

■ 35.5853, 65.6170,
24.8030

■ 34.1498, 64.9669,
20.6760

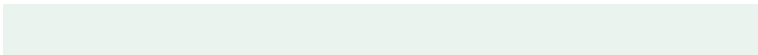
Harmonies

Analogous

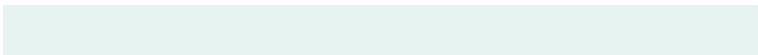
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.0225, 87.7080, 90.1854



81.2683, 87.7080, 92.7668



81.0733, 87.7080, 96.1376

Triad

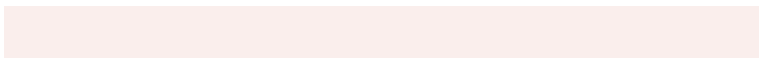
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.2683, 87.7080, 92.7668



83.5865, 87.7080, 102.2742



85.2691, 87.7080, 91.6888

Complementary

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



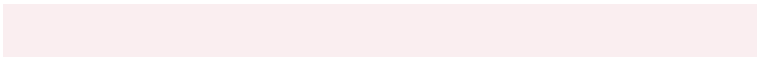
81.2683, 87.7080, 92.7668



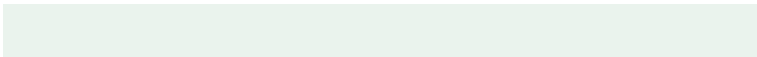
82.1163, 84.1938, 94.3653

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.



85.6971, 87.7080, 94.8635



81.2683, 87.7080, 92.7668



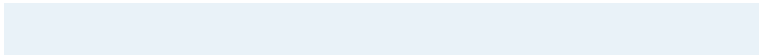
84.7197, 87.7080, 101.0175

Square

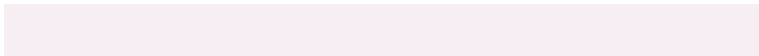
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



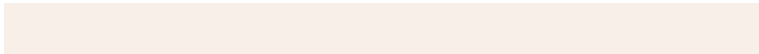
81.2683, 87.7080, 92.7668



82.4042, 87.7080, 101.6803



85.4951, 87.7080, 98.2845



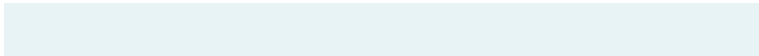
84.3308, 87.7080, 89.5736

Rectangle

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



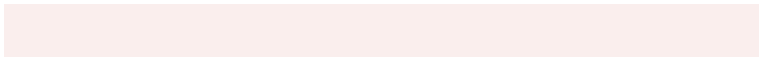
81.2683, 87.7080, 92.7668



81.2850, 87.7080, 98.3909



85.4951, 87.7080, 98.2845



85.4778, 87.7080, 92.6645

Sweetspot

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



81.2708, 87.7118, 92.7687



93.8455, 99.4105, 107.4210



82.8914, 88.5974, 90.5752



20.0995, 21.2842, 23.0081



0.0000, 0.0000, 0.0000



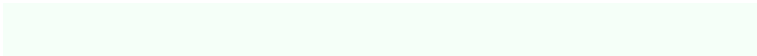
20.3446, 21.4041, 23.3091

Same Dimension

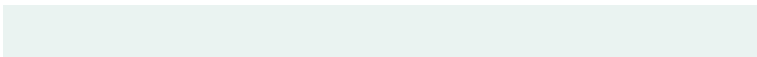
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.2708, 87.7118, 92.7687



90.3206, 97.6862, 103.0636



81.9147, 87.9693, 96.1597



17.5375, 19.0653, 19.9948



18.4607, 35.5291, 10.4460



1.6683, 3.1410, 1.1590

Inverse Universe

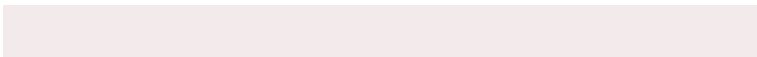
The Inverse Universe completely reimagines the original color for something new.



82.1163, 84.1938, 94.3653



91.3395, 93.4469, 104.9875



81.4772, 83.9381, 90.9996



17.7726, 18.0871, 20.4388



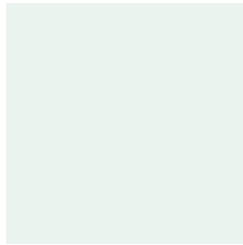
23.9321, 11.9163, 20.1486



2.1509, 1.0663, 2.0213

Previews

White Background



This preview shows how the XYZ color 81.2683, 87.7080, 92.7668 looks on a white background.

Color Contrast Check

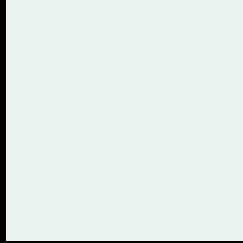
Large Text (above 18pt) WCAG AA × Fail

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 81.2683, 87.7080, 92.7668 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

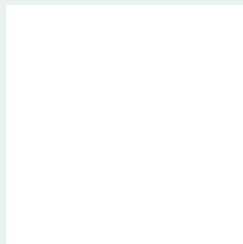
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.2683, 87.7080, 92.7668

Background



This preview shows how black text looks on a background with the XYZ color 81.2683, 87.7080, 92.7668.



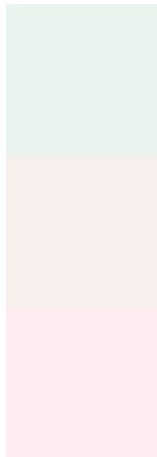
This preview shows how white text looks on a background with the XYZ color 81.2683, 87.7080,

92.7668.

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

81.2683, 87.7080, 92.7668

Protanopia

83.8679, 87.3240, 91.0322

Deuteranopia

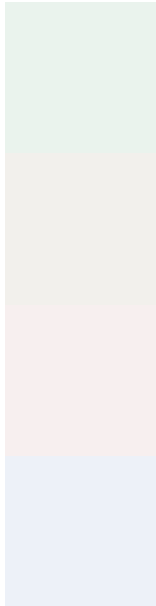
86.9636, 87.5422, 94.7519



Tritanopia

84.4700, 87.7173, 107.0868

Trichromacy



Original Color

81.2683, 87.7080, 92.7668

Protanomaly

82.9184, 87.2536, 91.8282

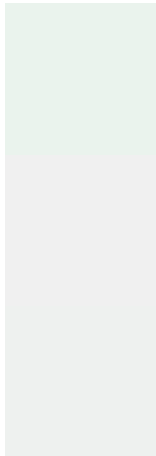
Deuteranomaly

84.8043, 87.7392, 94.1270

Tritanomaly

83.3236, 87.6924, 101.3416

Monochromacy



Original Color

81.2683, 87.7080, 92.7668

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

82.2952, 87.3197, 94.1783

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.2683, 87.7080, 92.7668 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(234, 243, 237) looks like.

```
.text, #text, p{  
    color:rgb(234, 243, 237)  
}
```

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(234, 243, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 243, 237) }
```

Border

The CSS property to change the border of an element to XYZ 81.2683, 87.7080, 92.7668 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(234, 243, 237) }
```


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

```
.border{ border-color:rgb(234, 243, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 243, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 243, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 243, 237);  
box-shadow:4px 4px 4px 4px rgb(234, 243,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 81.2683, 87.7080, 92.7668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 243, 237) }
```

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

```
.background{ background-color: rgb(234,  
243, 237) }
```

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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