

Converting Colors

XYZ(82.4719, 87.9891, 93.0682)

Have a look what the booklet for
XYZ(82.4719, 87.9891, 93.0682)
contains.

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Color

**XYZ(82.2981, 87.7958,
92.7295)**

Conversions

Conversions Part 1

Format	Color
Hex	EEF2ED
RGB	238, 242, 237
RGB Percent	93%, 95%, 93%
CMY	0.0667, 0.0510, 0.0706
CMYK	0.02, 0.00, 0.02, 0.05
HSL	108°, 16%, 94%
HSV	108°, 2%, 95%
XYZ	82.2981, 87.7958, 92.7295
YIQ	240.2340, -0.7790, -2.4030

Conversions

Conversions Part 2

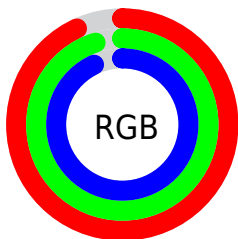
Format	Color
R _Y B	237, 242, 241
Decimal	15659757
CIE Lab	95.07, -2.21, 1.93
CIE LCh	95, 2.934, 138.802
Yxy	87.7958, 0.3131, 0.3340
Android (android.graphics.Color)	4293849837 (0xFFEEF2ED)
YUV	240.2340, -1.5944, -1.9592
Hunter-Lab	93.6994, -7.1938, 6.9133

Details

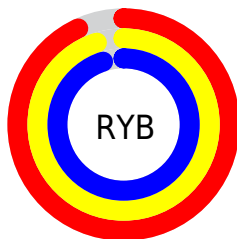
The XYZ color **82.2981, 87.7958, 92.7295** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.5901, 85.6823, 96.1942**, and the grayscale version is **83.0223, 87.3460, 95.1198**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.1908, 48.3991, 50.6762** is the 20% darker color. If you saturate the color by 10%, you get **72.8431, 83.3054, 75.0589**, and if you desaturate by 10%, it is **91.0438, 91.9876, 107.5646**.

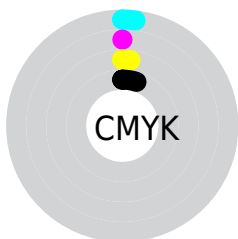
Distribution



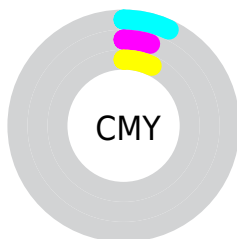
- Red (93%)
- Green (95%)
- Blue (93%)



- Red (93%)
- Yellow (95%)
- Blue (95%)



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.2981, 87.7958, 92.7295 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 82.2981, 87.7958, 92.7295 by changing the saturation by 10% instead.

82.2981, 87.7958,
92.7295

82.2981, 87.7958,
92.7295

491.2637,
520.8343, 557.6680

61.9262, 66.1540,
69.6603

135.5256,
144.2728, 153.0925

45.2285, 48.3974,
50.7745

169.1119,
179.8768, 191.2234

31.8395, 34.1417,
35.6537

207.8338,
220.9037, 235.2119

21.3939, 23.0025,
23.8793

252.0566,
267.7377, 285.4766

13.5263, 14.5953,
15.0327

302.1456,
320.7634, 342.4360

7.8714, 8.5359,
8.6955

358.4662,

4.0639, 4.4397,

380.3652, 406.5087

4.4490

421.3838,
446.9273, 478.1132

■ 1.7384, 1.9224,
1.8748

■ 0.4801, 0.5618,
0.4766

■ 82.2981, 87.7958,
92.7295

■ 82.2981, 87.7958,
92.7295

■ 72.8431, 83.3054,
75.0589

■ 91.0438, 91.9876,
107.5646

■ 64.5213, 79.3438,
59.8314

■ 57.2917, 75.8946,
46.9412

■ 51.1081, 72.9366,
36.2726

■ 45.9209, 70.4469,
27.7000

■ 41.6763, 68.4007,
21.0852

■ 38.3154, 66.7711,
16.2734

■ 35.7718, 65.5278,
13.0867

■ 33.9691, 64.6359,
11.3106

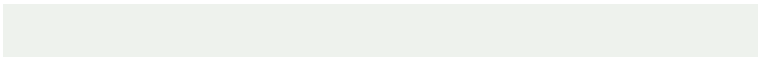
Harmonies

Analogous

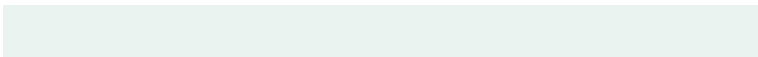
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.9537, 87.7958, 91.4950



82.2981, 87.7958, 92.7295



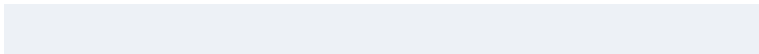
81.9512, 87.7958, 94.7439

Triad

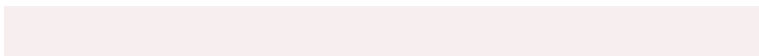
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.2981, 87.7958, 92.7295



83.1497, 87.7958, 99.9704



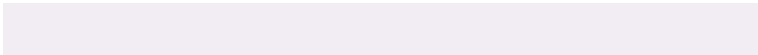
84.9082, 87.7958, 94.1854

Complementary

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



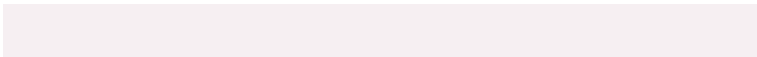
82.2981, 87.7958, 92.7295



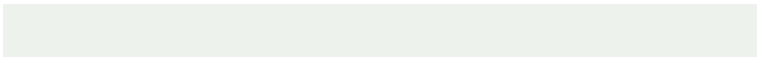
82.5901, 85.6823, 96.1942

Split Complementary

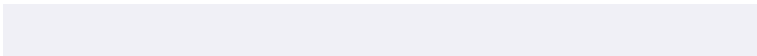
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.9615, 87.7958, 96.4506



82.2981, 87.7958, 92.7295



83.9428, 87.7958, 99.8151

Square

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



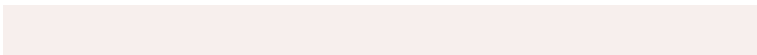
82.2981, 87.7958, 92.7295



82.4407, 87.7958, 98.9393



84.6071, 87.7958, 98.5183



84.4620, 87.7958, 92.3263

Rectangle

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



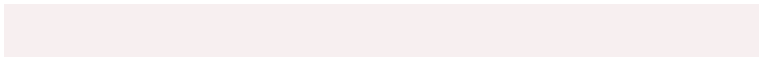
82.2981, 87.7958, 92.7295



81.9402, 87.7958, 96.2687



84.6071, 87.7958, 98.5183



84.9727, 87.7958, 94.9239

Sweetspot

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



82.3006, 87.7996, 92.7314



93.8954, 99.4519, 106.7171



83.3629, 87.9062, 92.6960



20.1097, 21.2926, 22.8649



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

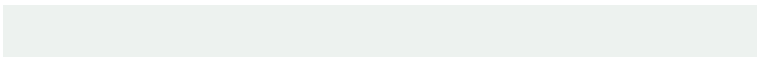
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.3006, 87.7996, 92.7314



92.7542, 98.9101, 104.5632



82.1861, 87.7151, 93.8759



17.3980, 18.5387, 19.6310



17.8093, 34.5026, 5.7210



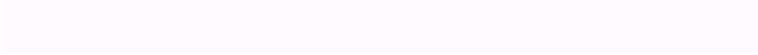
1.5598, 2.9106, 0.4796

Inverse Universe

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



82.5901, 85.6823, 96.1942



93.0706, 96.5963, 108.3473



82.7078, 85.7689, 95.0274



17.4540, 18.1291, 20.3009



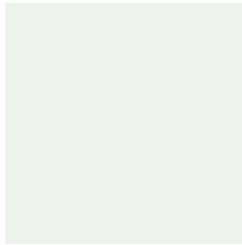
20.6269, 9.6389, 45.9012



1.7936, 0.8419, 3.8222

Previews

White Background



This preview shows how the XYZ color 82.2981, 87.7958, 92.7295 looks on a white background.

Color Contrast Check

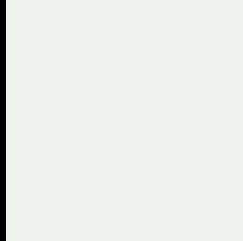
Large Text (above 18pt) WCAG AA × Fail

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 82.2981, 87.7958, 92.7295 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

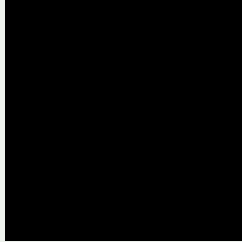
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

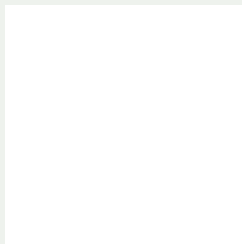
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.2981, 87.7958, 92.7295

Background



This preview shows how black text looks on a background with the XYZ color 82.2981, 87.7958, 92.7295.



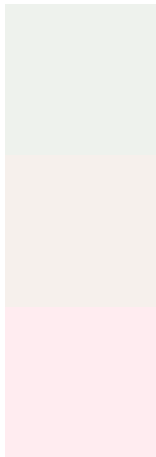
This preview shows how white text looks on a background with the XYZ color 82.2981, 87.7958, 92.7295.

92.7295.

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

82.2981, 87.7958, 92.7295

Protanopia

84.3064, 87.9691, 91.8932

Deuteranopia

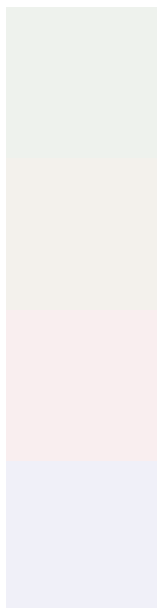
86.9636, 87.5422, 94.7519



Tritanopia

85.1921, 87.6538, 107.0365

Trichromacy



Original Color

82.2981, 87.7958, 92.7295

Protanomaly

83.5578, 88.0214, 91.9427

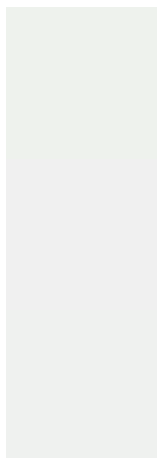
Deuteranomaly

85.2214, 87.5208, 94.0629

Tritanomaly

84.0385, 87.6228, 101.2905

Monochromacy



Original Color

82.2981, 87.7958, 92.7295

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

82.6319, 87.4933, 94.1941

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.2981, 87.7958, 92.7295 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(238, 242, 237) looks like.

```
.text, #text, p{  
    color:rgb(238, 242, 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(238, 242, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 242, 237) }
```

Border

The CSS property to change the border of an element to XYZ 82.2981, 87.7958, 92.7295 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(238, 242, 237) }
```


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

```
.border{ border-color:rgb(238, 242, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 242, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 242, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 242, 237);  
box-shadow:4px 4px 4px 4px rgb(238, 242,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 82.2981, 87.7958, 92.7295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 242, 237) }
```

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

```
.background{ background-color: rgb(238,  
242, 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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