

# Converting Colors

XYZ(82.9946, 85.2539, 92.7135)

Have a look what the booklet for  
XYZ(82.9946, 85.2539, 92.7135)  
contains.

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# Color

**XYZ(82.7971, 85.0022,  
92.9321)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F5EBEE
RGB	245, 235, 238
RGB Percent	96%, 92%, 93%
CMY	0.0392, 0.0784, 0.0667
CMYK	0.00, 0.04, 0.03, 0.04
HSL	342°, 33%, 94%
HSV	342°, 4%, 96%
XYZ	82.7971, 85.0022, 92.9321
YIQ	238.3320, 4.9970, 3.0530

# Conversions

## Conversions Part 2

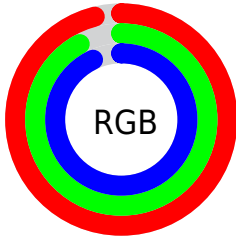
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	245, 235, 238
Decimal	16116718
CIE Lab	93.88, 3.89, -0.26
CIE LCh	94, 3.895, 356.197
Yxy	85.0022, 0.3176, 0.3260
Android (android.graphics.Color)	4294306798 (0xFF5EBEE)
YUV	238.3320, -0.1637, 5.8478
Hunter-Lab	92.1966, -1.0424, 4.7747

# Details

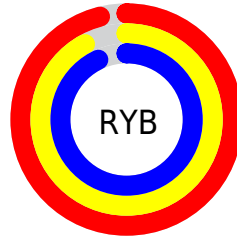
The XYZ color **82.7971, 85.0022, 92.9321** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.9435, 89.3799, 96.8892**, and the grayscale version is **81.5258, 85.7715, 93.4051**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.5499, 46.4364, 50.8184** is the 20% darker color. If you saturate the color by 10%, you get **73.8587, 70.9682, 78.1035**, and if you desaturate by 10%, it is **91.4666, 98.1527, 108.7323**.

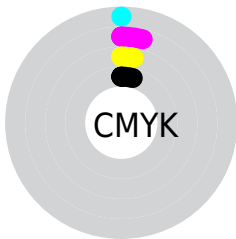
# Distribution



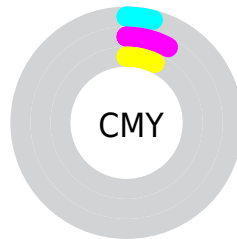
- Red (96%)
- Green (92%)
- Blue (93%)



- Red (96%)
- Yellow (92%)
- Blue (93%)



- Cyan (0%)
- Magenta (4%)
- Yellow (3%)
- Black (4%)



- Cyan (4%)
- Magenta (8%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 82.7971, 85.0022, 92.9321 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 82.7971, 85.0022, 92.9321 by changing the saturation by 10% instead.



82.7971, 85.0022,  
92.9321

82.7971, 85.0022,  
92.9321

492.9042,  
511.6353, 558.3377

62.3391, 63.8432,  
69.8277

136.2212,  
140.3762, 153.3755

45.5634, 46.5237,  
50.9102

169.9181,  
175.3601, 191.5516

32.1046, 32.6593,  
35.7609

208.7587,  
215.7210, 235.5887

21.5973, 21.8656,  
23.9613

253.1083,  
261.8434, 285.9053

13.6763, 13.7581,  
15.0930

303.3323,  
314.1116, 342.9199

7.9760, 7.9526,  
8.7373

359.7961,

4.1313, 4.0647,

372.9101, 407.0512

4.4758

422.8649,  
438.6232, 478.7176

■ 1.7767, 1.7098,  
1.8898

■ 0.5036, 0.4300,  
0.4862

■ 82.7971, 85.0022,  
92.9321

■ 82.7971, 85.0022,  
92.9321

■ 73.8587, 70.9682,  
78.1035

■ 91.4666, 98.1527,  
108.7323

■ 66.0783, 58.8775,  
64.8121

■ 59.4094, 48.6473,  
53.0090

■ 53.7996, 40.1842,  
42.6407

■ 49.1919, 33.3869,  
33.6501

■ 45.5241, 28.1439,  
25.9763

■ 42.7264, 24.3296,  
19.5530

■ 40.7188, 21.7986,  
14.3078

■ 39.4047, 20.3742,  
10.1587

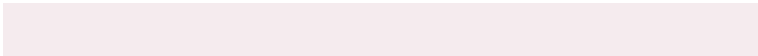
# Harmonies

## Analogous

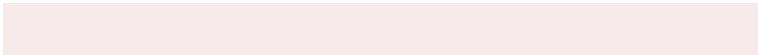
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.4595, 85.0022, 95.7651



82.7971, 85.0022, 92.9321



82.5936, 85.0022, 90.0559

# Triad

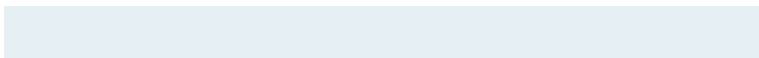
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.7971, 85.0022, 92.9321



79.9154, 85.0022, 87.5251



79.6883, 85.0022, 97.3775

# Complementary

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



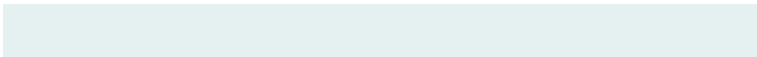
82.7971, 85.0022, 92.9321



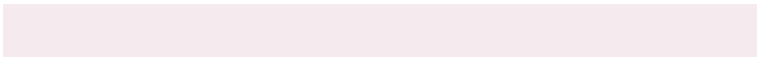
82.9435, 89.3799, 96.8892

# Split Complementary

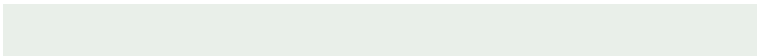
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.0168, 85.0022, 95.0957



82.7971, 85.0022, 92.9321



79.1472, 85.0022, 89.4135

# Square

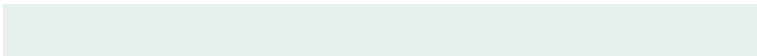
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



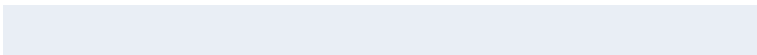
82.7971, 85.0022, 92.9321



80.9243, 85.0022, 86.9735



78.8196, 85.0022, 92.1748

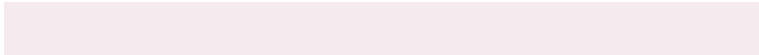


80.6599, 85.0022, 98.3661

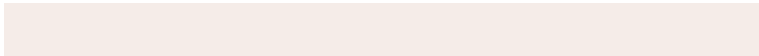


# Rectangle

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



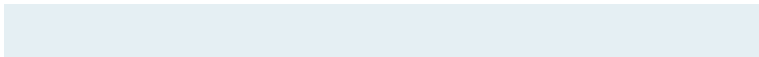
82.7971, 85.0022, 92.9321



82.1795, 85.0022, 88.4942



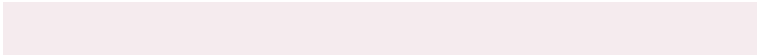
78.8196, 85.0022, 92.1748



79.4203, 85.0022, 96.7340

# Sweetspot

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



82.7995, 85.0059, 92.9339



93.9557, 98.2693, 107.1234



82.8105, 84.8904, 98.4081



20.1219, 21.0519, 22.9476



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

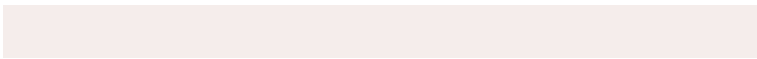
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.7995, 85.0059, 92.9339



89.7121, 91.5714, 100.1929



82.9385, 85.9825, 90.8267



17.4459, 17.7315, 19.4120



20.9949, 10.7414, 4.6814

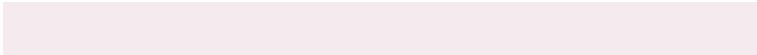


1.8887, 0.9615, 0.6404

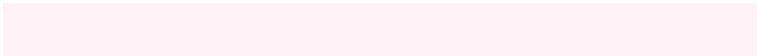


# Inverse Universe

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



82.7995, 85.0059, 92.9339



89.7121, 91.5714, 100.1929



82.7958, 88.3583, 99.0783



17.4459, 17.7315, 19.4120



20.9949, 10.7414, 4.6814

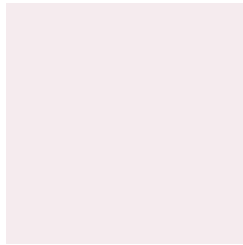


1.8887, 0.9615, 0.6404



# Previews

## White Background



This preview shows how the XYZ color 82.7971, 85.0022, 92.9321 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

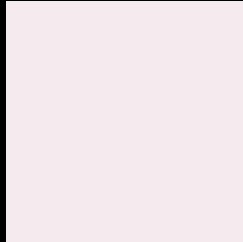
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 82.7971, 85.0022, 92.9321 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

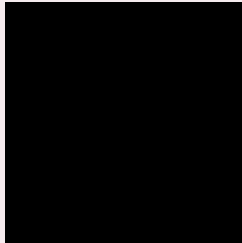
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

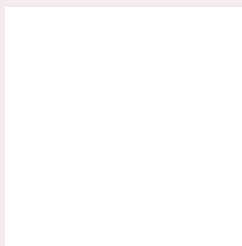
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 82.7971, 85.0022, 92.9321**

## **Background**



This preview shows how black text looks on a background with the XYZ color 82.7971, 85.0022, 92.9321.



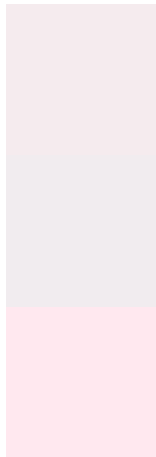
This preview shows how white text looks on a background with the XYZ color 82.7971, 85.0022,

92.9321.

# 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

82.7971, 85.0022, 92.9321

### Protanopia

81.8511, 84.9237, 93.7392

### Deuteranopia

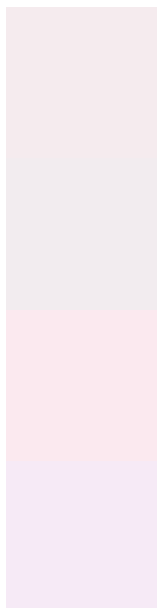
85.6766, 85.2052, 93.5920



## **Tritanopia**

84.9093, 85.0170, 103.2015

# Trichromacy



## Original Color

82.7971, 85.0022, 92.9321

## Protanomaly

82.1934, 85.1001, 93.7553

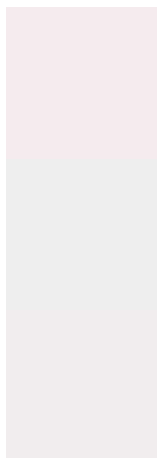
## Deuteranomaly

84.5026, 85.0191, 93.6179

## Tritanomaly

84.0634, 85.0923, 99.1826

# Monochromacy



## Original Color

82.7971, 85.0022, 92.9321

## Achromatopsia

81.2670, 85.4993, 93.1087

## Achromatomaly

81.9924, 85.4422, 93.0594

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 82.7971, 85.0022, 92.9321 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, 235, 238) looks like.

```
.text, #text, p{  
    color:rgb(245, 235, 238)  
}
```

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, 235, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 235, 238) }
```

## Border

The CSS property to change the border of an element to XYZ 82.7971, 85.0022, 92.9321 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, 235, 238) }
```



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

```
.border{ border-color:rgb(245, 235, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 235, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 235, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 235, 238);  
box-shadow:4px 4px 4px 4px rgb(245, 235,  
238) }
```

# Background

The CSS property to change the background color of an element to XYZ 82.7971, 85.0022, 92.9321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 235, 238) }
```

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

```
.background{ background-color: rgb(245,  
235, 238) }
```

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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