

Converting Colors

XYZ(81.3324, 83.2671, 92.1769)

Have a look what the booklet for
XYZ(81.3324, 83.2671, 92.1769)
contains.

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Color

**XYZ(81.3871, 83.4469,
91.9381)**

Conversions

Conversions Part 1

Format	Color
Hex	F3E9ED
RGB	243, 233, 237
RGB Percent	95%, 91%, 93%
CMY	0.0471, 0.0863, 0.0706
CMYK	0.00, 0.04, 0.02, 0.05
HSL	336°, 29%, 93%
HSV	336°, 4%, 95%
XYZ	81.3871, 83.4469, 91.9381
YIQ	236.4460, 4.6760, 3.3640

Conversions

Conversions Part 2

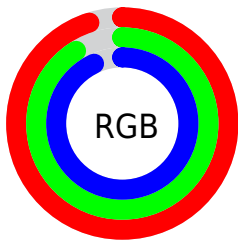
Format	Color
R _Y B	243, 233, 237
Decimal	15985133
CIE Lab	93.21, 4.07, -0.74
CIE LCh	93, 4.134, 349.657
Yxy	83.4469, 0.3170, 0.3250
Android (android.graphics.Color)	4294175213 (0xFF3E9ED)
YUV	236.4460, 0.2731, 5.7479
Hunter-Lab	91.3493, -0.8277, 4.2723

Details

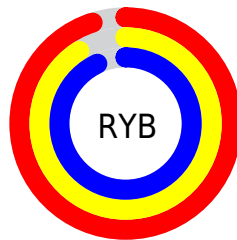
The XYZ color **81.3871, 83.4469, 91.9381** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.2379, 87.6589, 94.3038**, and the grayscale version is **80.0680, 84.2378, 91.7350**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.5561, 45.3453, 50.1202** is the 20% darker color. If you saturate the color by 10%, you get **72.9316, 69.8078, 79.0302**, and if you desaturate by 10%, it is **90.2280, 97.5771, 105.8318**.

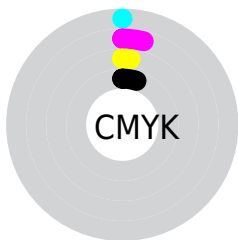
Distribution



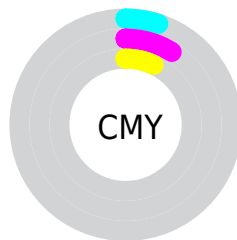
- Red (95%)
- Green (91%)
- Blue (93%)



- Red (95%)
- Yellow (91%)
- Blue (93%)



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





- Cyan (5%)
- Magenta (9%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.3871, 83.4469, 91.9381 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 81.3871, 83.4469, 91.9381 by changing the saturation by 10% instead.


 81.3871, 83.4469,
91.9381

 81.3871, 83.4469,
91.9381


488.2609,
506.4747, 555.0474

 61.1728, 62.5589,
69.0065

134.2545,
138.2012, 151.9865

 44.6177, 45.4844,
50.2452

167.6383,
172.8363, 189.9405

 31.3564, 31.8392,
35.2357


206.1427,
212.8225, 233.7389

 21.0236, 21.2387,
23.5595

250.1331,
258.5443, 283.8003

 13.2538, 13.2986,
14.7980

299.9747,
310.3860, 340.5434

 7.6817, 7.6345,
8.5327

356.0330,

 3.9421, 3.8620,

368.7321, 404.3865

4.3450

418.6733,
433.9668, 475.7484

■ 1.6694, 1.5966,
1.8165

■ 0.4370, 0.3553,
0.4388

■ 81.3871, 83.4469,
91.9381

■ 81.3871, 83.4469,
91.9381

■ 72.9316, 69.8078,
79.0302

■ 90.2280, 97.5771,
105.8318

■ 65.5517, 58.0503,
67.3149

■ 90.7726, 97.7949,
108.6998

■ 59.2046, 48.0942,
56.7578

■ 53.8416, 39.8493,
47.3210

■ 49.4098, 33.2173,
38.9639

■ 45.8512, 28.0901,
31.6434

■ 43.1011, 24.3459,
25.3129

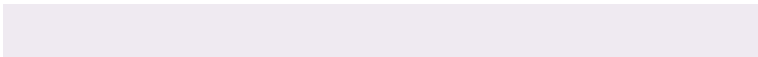
■ 41.0846, 21.8439,
19.9208

■ 39.7113, 20.4123,
15.4091

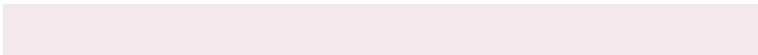
Harmonies

Analogous

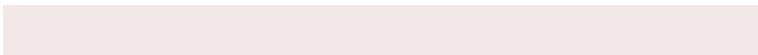
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.9170, 83.4469, 94.7887



81.3871, 83.4469, 91.9381



81.2978, 83.4469, 88.8613

Triad

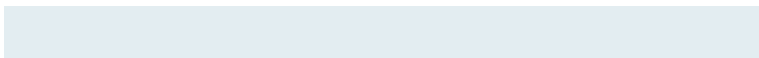
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.3871, 83.4469, 91.9381



78.6130, 83.4469, 85.3398



77.9688, 83.4469, 95.4972

Complementary

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



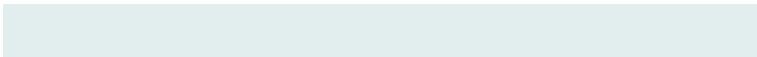
81.3871, 83.4469, 91.9381



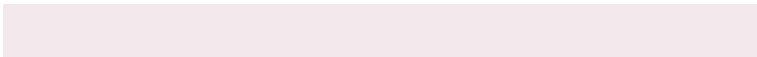
81.2379, 87.6589, 94.3038

Split Complementary

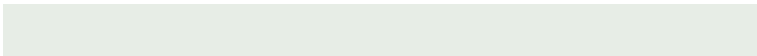
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.3623, 83.4469, 92.8874



81.3871, 83.4469, 91.9381



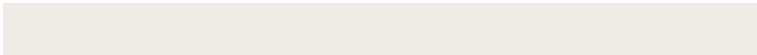
77.7319, 83.4469, 87.0404

Square

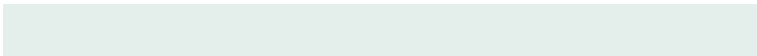
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



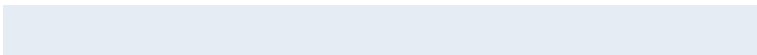
81.3871, 83.4469, 91.9381



79.6895, 83.4469, 85.0989



77.2760, 83.4469, 89.7893



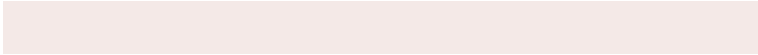
78.9392, 83.4469, 96.8744

Rectangle

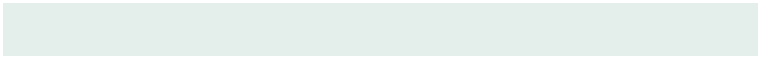
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



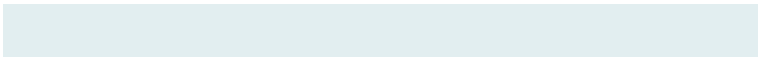
81.3871, 83.4469, 91.9381



80.9333, 83.4469, 87.0938



77.2760, 83.4469, 89.7893



77.7160, 83.4469, 94.7322

Sweetspot

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



81.3895, 83.4505, 91.9399



93.9964, 98.2856, 107.3379



80.9161, 83.1035, 96.5710



20.1302, 21.0552, 22.9912



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

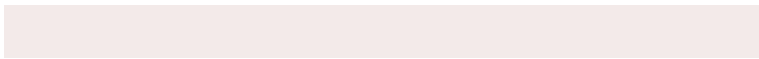
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.3895, 83.4505, 91.9399



89.9087, 91.6500, 101.2283



81.0958, 83.7871, 88.9934



17.4895, 17.7489, 19.6411



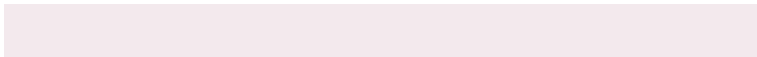
21.5363, 10.9579, 7.5324



1.9421, 0.9828, 0.9216

Inverse Universe

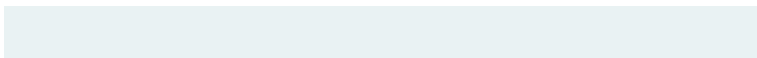
The Inverse Universe completely reimagines the original color for something new.



81.3895, 83.4505, 91.9399



89.9087, 91.6500, 101.2283



81.5367, 87.3011, 97.3485



17.4895, 17.7489, 19.6411



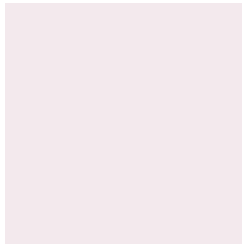
21.5363, 10.9579, 7.5324



1.9421, 0.9828, 0.9216

Previews

White Background



This preview shows how the XYZ color 81.3871, 83.4469, 91.9381 looks on a white background.

Color Contrast Check

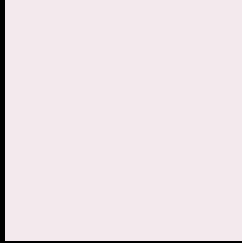
Large Text (above 18pt) WCAG AA × Fail

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 81.3871, 83.4469, 91.9381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

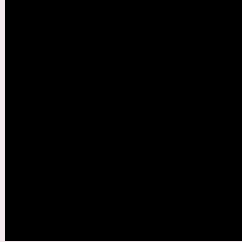
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

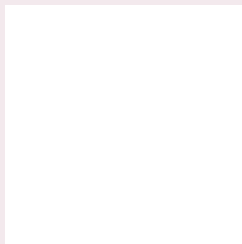
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.3871, 83.4469, 91.9381

Background



This preview shows how black text looks on a background with the XYZ color 81.3871, 83.4469, 91.9381.



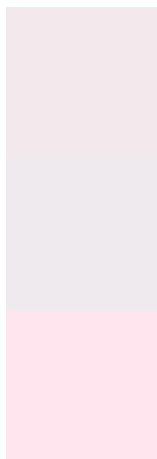
This preview shows how white text looks on a background with the XYZ color 81.3871, 83.4469,

91.9381.

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

81.3871, 83.4469, 91.9381

Protanopia

80.4520, 83.3694, 92.7405

Deuteranopia

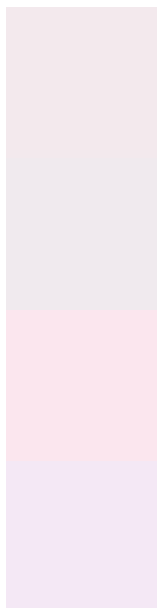
84.6919, 83.4717, 92.5368



Tritanopia

83.3310, 83.4039, 101.3291

Trichromacy



Original Color

81.3871, 83.4469, 91.9381

Protanomaly

80.7906, 83.5439, 92.7564

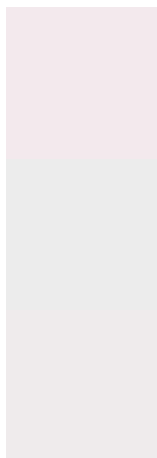
Deuteranomaly

83.5131, 83.2759, 92.5612

Tritanomaly

82.6463, 83.5389, 98.1549

Monochromacy



Original Color

81.3871, 83.4469, 91.9381

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

80.4453, 83.8235, 91.2965

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.3871, 83.4469, 91.9381 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(243, 233, 237) looks like.

```
.text, #text, p{  
    color:rgb(243, 233, 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(243, 233, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 233, 237) }
```

Border

The CSS property to change the border of an element to XYZ 81.3871, 83.4469, 91.9381 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(243, 233, 237) }
```


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

```
.border{ border-color:rgb(243, 233, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 233, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 233, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 233, 237);  
box-shadow:4px 4px 4px 4px rgb(243, 233,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 81.3871, 83.4469, 91.9381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 233, 237) }
```

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

```
.background{ background-color: rgb(243,  
233, 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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