

Converting Colors

XYZ(82.3043, 84.4965, 94.0117)

Have a look what the booklet for
XYZ(82.3043, 84.4965, 94.0117)
contains.

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Color

**XYZ(81.9650, 84.1323,
93.5805)**

Conversions

Conversions Part 1

Format	Color
Hex	F3EAEF
RGB	243, 234, 239
RGB Percent	95%, 92%, 94%
CMY	0.0471, 0.0823, 0.0627
CMYK	0.00, 0.04, 0.02, 0.05
HSL	327°, 27%, 94%
HSV	327°, 4%, 95%
XYZ	81.9650, 84.1323, 93.5805
YIQ	237.2610, 3.7590, 3.4630

Conversions

Conversions Part 2

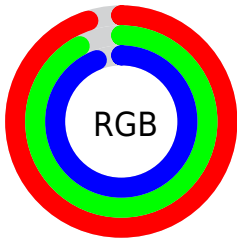
Format	Color
R _{YB}	243, 234, 239
Decimal	15985391
CIE Lab	93.51, 3.90, -1.35
CIE LCh	94, 4.128, 340.956
Yxy	84.1323, 0.3156, 0.3240
Android (android.graphics.Color)	4294175471 (0xFF3EAEF)
YUV	237.2610, 0.8573, 5.0331
Hunter-Lab	91.7237, -1.0074, 3.7163

Details

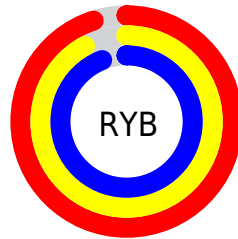
The XYZ color **81.9650, 84.1323, 93.5805** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.4181, 87.7690, 93.5433**, and the grayscale version is **80.6909, 84.8931, 92.4486**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.9612, 45.8245, 51.2750** is the 20% darker color. If you saturate the color by 10%, you get **73.9676, 70.6152, 83.2735**, and if you desaturate by 10%, it is **89.9477, 97.4650, 104.3555**.

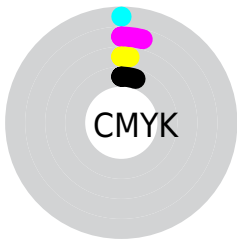
Distribution



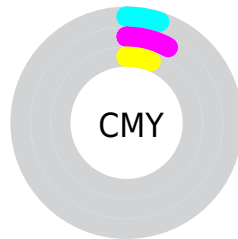
- Red (95%)
- Green (92%)
- Blue (94%)



- Red (95%)
- Yellow (92%)
- Blue (94%)



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



- Cyan (5%)
- Magenta (8%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.9650, 84.1323, 93.5805 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 81.9650, 84.1323, 93.5805 by changing the saturation by 10% instead.

81.9650, 84.1323,
93.5805

81.9650, 84.1323,
93.5805

490.1669,
508.7525, 560.4784

61.6507, 63.1247,
70.3637

135.0610,
139.1602, 154.2807

45.0050, 45.9421,
51.3445

168.5734,
173.9493, 192.6012

31.6627, 32.2001,
36.1042

207.2159,
214.1010, 236.7934

21.2583, 21.5144,
24.2244

251.3538,
259.9997, 287.2758

13.4265, 13.5005,
15.2864

301.3525,
312.0298, 344.4670

7.8019, 7.7741,
8.8718

357.5773,

4.0192, 3.9507,

370.5757, 408.7854

4.5620

420.3937,
436.0218, 480.6497

■ 1.7130, 1.6460,
1.9384

■ 0.4644, 0.3883,
0.5170

■ 81.9650, 84.1323,
93.5805

■ 81.9650, 84.1323,
93.5805

■ 73.9676, 70.6152,
83.2735

■ 89.9477, 97.4650,
104.3555

■ 66.9720, 58.9529,
73.7622

■ 90.7727, 97.7950,
108.6998

■ 60.9380, 49.0663,
65.0257

■ 55.8196, 40.8665,
57.0402

■ 51.5672, 34.2568,
49.7802

■ 48.1260, 29.1308,
43.2183

■ 45.4345, 25.3685,
37.3246

■ 43.4218, 22.8315,
32.0657

■ 42.0021, 21.3510,
27.4027

Harmonies

Analogous

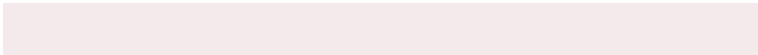
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.3484, 84.1323, 96.2192



81.9650, 84.1323, 93.5805



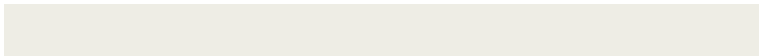
82.0429, 84.1323, 90.4685

Triad

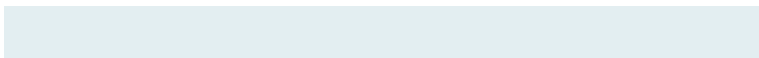
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.9650, 84.1323, 93.5805



79.5671, 84.1323, 85.8320



78.3911, 84.1323, 95.6013

Complementary

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



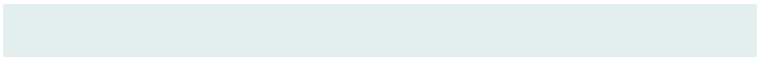
81.9650, 84.1323, 93.5805



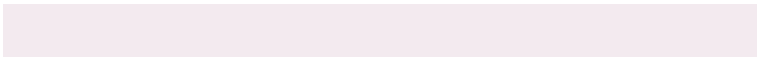
81.4181, 87.7690, 93.5433

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.



77.9229, 84.1323, 92.7526



81.9650, 84.1323, 93.5805



78.5978, 84.1323, 87.1422

Square

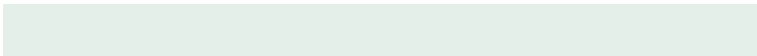
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



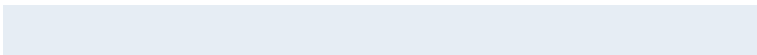
81.9650, 84.1323, 93.5805



80.6518, 84.1323, 86.0423



77.9982, 84.1323, 89.6590



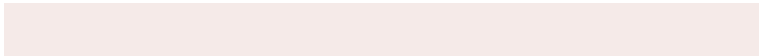
79.2826, 84.1323, 97.4041

Rectangle

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



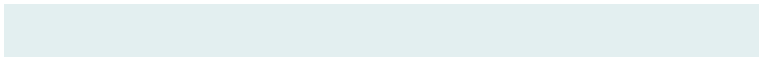
81.9650, 84.1323, 93.5805



81.7781, 84.1323, 88.5495



77.9982, 84.1323, 89.6590



78.1794, 84.1323, 94.7316

Sweetspot

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



81.9674, 84.1359, 93.5823



94.0599, 98.3110, 107.6720



80.8300, 83.4805, 96.6485



20.1431, 21.0604, 23.0592



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

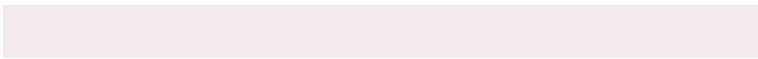
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.9674, 84.1359, 93.5823



91.1602, 93.3752, 104.0434



81.3256, 83.8792, 90.2027



17.7312, 18.0705, 20.2207



22.7534, 11.4448, 13.9417



2.0515, 1.0266, 1.4976

Inverse Universe

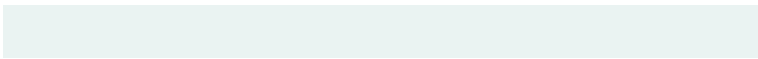
The Inverse Universe completely reimagines the original color for something new.



81.9674, 84.1359, 93.5823



91.1602, 93.3752, 104.0434



82.0721, 88.0306, 96.9872



17.7312, 18.0705, 20.2207



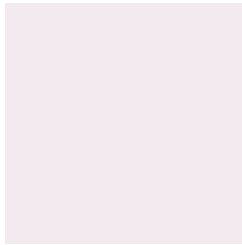
22.7534, 11.4448, 13.9417



2.0515, 1.0266, 1.4976

Previews

White Background



This preview shows how the XYZ color 81.9650, 84.1323, 93.5805 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 81.9650, 84.1323, 93.5805 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

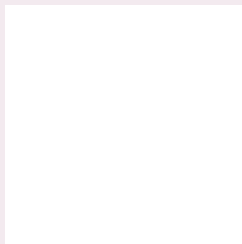
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.9650, 84.1323, 93.5805

Background



This preview shows how black text looks on a background with the XYZ color 81.9650, 84.1323, 93.5805.



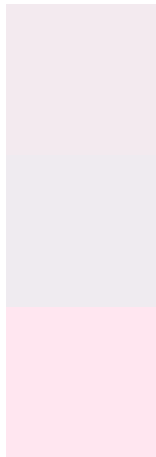
This preview shows how white text looks on a background with the XYZ color 81.9650, 84.1323,

93.5805.

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

81.9650, 84.1323, 93.5805

Protanopia

81.0331, 84.0587, 94.3921

Deuteranopia

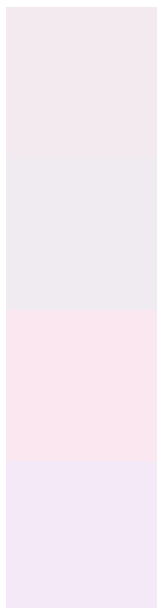
85.2650, 84.1449, 94.1857



Tritanopia

83.7681, 84.0278, 102.2464

Trichromacy



Original Color

81.9650, 84.1323, 93.5805

Protanomaly

81.3717, 84.2332, 94.4080

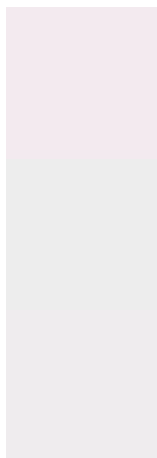
Deuteranomaly

84.0878, 83.9523, 94.2106

Tritanomaly

83.0817, 84.1647, 99.0553

Monochromacy



Original Color

81.9650, 84.1323, 93.5805

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

81.0247, 84.5147, 92.9314

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.9650, 84.1323, 93.5805 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, 234, 239) looks like.

```
.text, #text, p{  
    color:rgb(243, 234, 239)  
}
```

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, 234, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 234, 239) }
```

Border

The CSS property to change the border of an element to XYZ 81.9650, 84.1323, 93.5805 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, 234, 239) }
```


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

```
.border{ border-color:rgb(243, 234, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 234, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 234, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 234, 239);  
box-shadow:4px 4px 4px 4px rgb(243, 234,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 81.9650, 84.1323, 93.5805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 234, 239) }
```

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

```
.background{ background-color: rgb(243,  
234, 239) }
```

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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