

Converting Colors

XYZ(81.5169, 83.2700, 94.5835)

Have a look what the booklet for
XYZ(81.5169, 83.2700, 94.5835)
contains.

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Color

**XYZ(81.4850, 83.4463,
94.2501)**

Conversions

Conversions Part 1

Format	Color
Hex	F2E9F0
RGB	242, 233, 240
RGB Percent	95%, 91%, 94%
CMY	0.0510, 0.0863, 0.0588
CMYK	0.00, 0.04, 0.01, 0.05
HSL	313°, 26%, 93%
HSV	313°, 4%, 95%
XYZ	81.4850, 83.4463, 94.2501
YIQ	236.4890, 3.1170, 4.0850

Conversions

Conversions Part 2

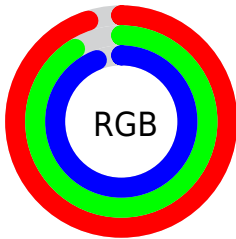
Format	Color
R _Y B	242, 233, 240
Decimal	15919600
CIE Lab	93.21, 4.26, -2.31
CIE LCh	93, 4.846, 331.477
Yxy	83.4463, 0.3144, 0.3220
Android (android.graphics.Color)	4294109680 (0xFF F2 E9 F0)
YUV	236.4890, 1.7309, 4.8331
Hunter-Lab	91.3489, -0.6353, 2.7713

Details

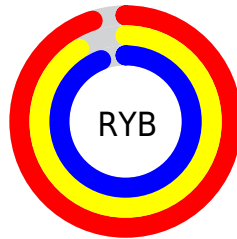
The XYZ color **81.4850, 83.4463, 94.2501** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.3549, 86.8282, 91.1258**, and the grayscale version is **80.0910, 84.2620, 91.7613**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.6236, 45.3441, 51.7478** is the 20% darker color. If you saturate the color by 10%, you get **74.3120, 70.3594, 87.9750**, and if you desaturate by 10%, it is **88.9182, 97.0134, 100.7309**.

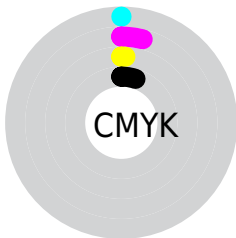
Distribution



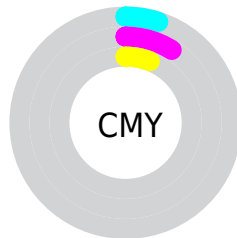
- Red (95%)
- Green (91%)
- Blue (94%)



- Red (95%)
- Yellow (91%)
- Blue (94%)



- Cyan (0%)
- Magenta (4%)
- Yellow (1%)
- Black (5%)



- Cyan (5%)
- Magenta (9%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.4850, 83.4463, 94.2501 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 81.4850, 83.4463, 94.2501 by changing the saturation by 10% instead.

81.4850, 83.4463,
94.2501

81.4850, 83.4463,
94.2501

488.5841,
506.4727, 562.6844

61.2538, 62.5584,
70.9176

134.3912,
138.2004, 155.2148

44.6833, 45.4840,
51.7935

167.7968,
172.8353, 193.6841

31.4083, 31.8389,
36.4594

206.3246,
212.8214, 238.0360

21.0633, 21.2385,
24.4967

250.3400,
258.5430, 288.6891

13.2830, 13.2984,
15.4869

300.2083,
310.3846, 346.0620

7.7020, 7.6344,
9.0114

356.2948,

3.9551, 3.8619,

368.7304, 410.5731

4.6517

418.9650,
433.9650, 482.6411

■ 1.6768, 1.5966,
1.9893

■ 0.4417, 0.3553,
0.5487

■ 81.4850, 83.4463,
94.2501

■ 81.4850, 83.4463,
94.2501

■ 74.3120, 70.3594,
87.9750

■ 88.9182, 97.0134,
100.7309

■ 68.0616, 59.0812,
82.1223

■ 89.7535, 97.3475,
105.1293

■ 62.6954, 49.5342,
76.6793

■ 90.4285, 97.6175,
108.6837

■ 58.1696, 41.6309,
71.6303

■ 54.4363, 35.2762,
66.9584

■ 51.4431, 30.3653,
62.6449

■ 49.1308, 26.7803,
58.6691

■ 47.4310, 24.3847,
55.0072

■ 46.2603, 23.0122,
51.6302

Harmonies

Analogous

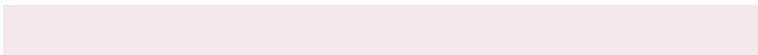
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.5992, 83.4463, 96.9742



81.4850, 83.4463, 94.2501



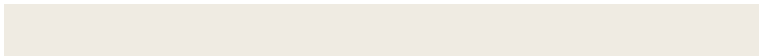
81.7873, 83.4463, 90.6781

Triad

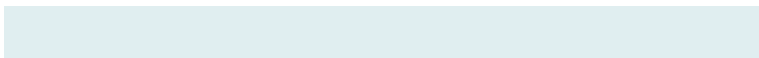
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.4850, 83.4463, 94.2501



79.2501, 83.4463, 84.0246



77.2424, 83.4463, 94.5714

Complementary

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



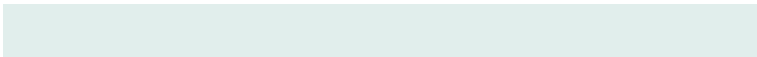
81.4850, 83.4463, 94.2501



80.3549, 86.8282, 91.1258

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.



76.8896, 83.4463, 91.0398



81.4850, 83.4463, 94.2501



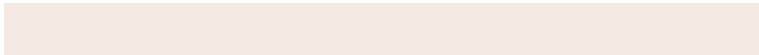
78.0410, 83.4463, 85.0061

Square

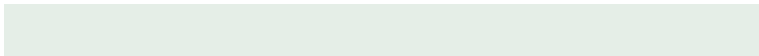
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



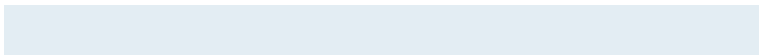
81.4850, 83.4463, 94.2501



80.4887, 83.4463, 84.8332



77.1803, 83.4463, 87.5499



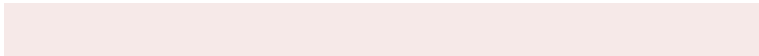
78.1492, 83.4463, 97.1632

Rectangle

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



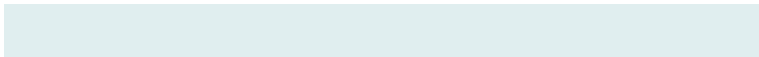
81.4850, 83.4463, 94.2501



81.6146, 83.4463, 88.3144



77.1803, 83.4463, 87.5499



77.0555, 83.4463, 93.4517

Sweetspot

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



81.4874, 83.4499, 94.2519



94.1507, 98.3473, 108.1506



79.4138, 82.3464, 95.7144



20.1616, 21.0678, 23.1566



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.



81.4874, 83.4499, 94.2519



91.5189, 93.5187, 105.9325



80.8346, 83.1888, 90.8145



17.0271, 17.3052, 19.7441



24.6130, 12.1176, 26.9424



2.0841, 1.0227, 2.4340

Inverse Universe

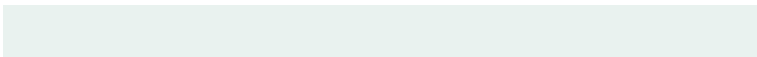
The Inverse Universe completely reimagines the original color for something new.



81.4874, 83.4499, 94.2519



91.5189, 93.5187, 105.9325



81.0057, 87.0885, 94.5527



17.0271, 17.3052, 19.7441



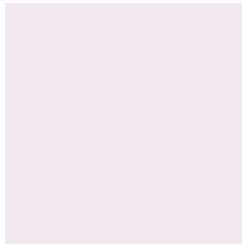
24.6130, 12.1176, 26.9424



2.0841, 1.0227, 2.4340

Previews

White Background



This preview shows how the XYZ color 81.4850, 83.4463, 94.2501 looks on a white background.

Color Contrast Check

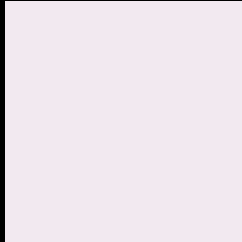
Large Text (above 18pt) WCAG AA × Fail

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 81.4850, 83.4463, 94.2501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

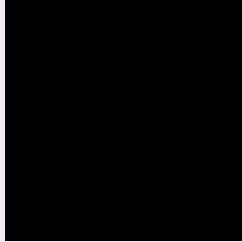
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

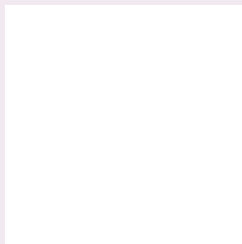
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.4850, 83.4463, 94.2501

Background



This preview shows how black text looks on a background with the XYZ color 81.4850, 83.4463, 94.2501.



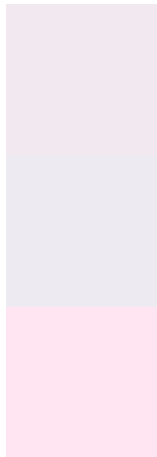
This preview shows how white text looks on a background with the XYZ color 81.4850, 83.4463,

94.2501.

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

81.4850, 83.4463, 94.2501

Protanopia

80.5599, 83.3737, 95.0659

Deuteranopia

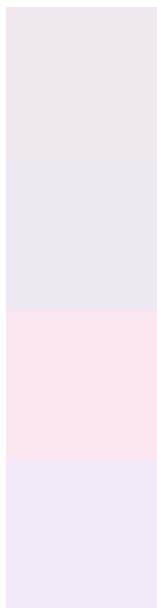
84.8606, 83.0977, 94.7859



Tritanopia

82.7934, 83.1086, 102.1204

Trichromacy



Original Color

81.4850, 83.4463, 94.2501

Protanomaly

80.8966, 83.5472, 95.0816

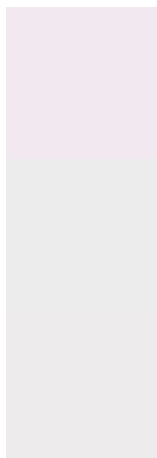
Deuteranomaly

83.5983, 83.2685, 94.8854

Tritanomaly

82.4533, 83.4217, 98.9450

Monochromacy



Original Color

81.4850, 83.4463, 94.2501

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

80.2543, 83.7082, 92.0482

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.4850, 83.4463, 94.2501 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(242, 233, 240) looks like.

```
.text, #text, p{  
    color:rgb(242, 233, 240)  
}
```

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(242, 233, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 233, 240) }
```

Border

The CSS property to change the border of an element to XYZ 81.4850, 83.4463, 94.2501 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(242, 233, 240) }
```


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

```
.border{ border-color:rgb(242, 233, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 233, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 233, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 233, 240);  
box-shadow:4px 4px 4px 4px rgb(242, 233,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 81.4850, 83.4463, 94.2501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 233, 240) }
```

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

```
.background{ background-color: rgb(242,  
233, 240) }
```

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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