

Converting Colors

XYZ(81.6104, 84.4095, 91.6781)

Have a look what the booklet for
XYZ(81.6104, 84.4095, 91.6781)
contains.

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Color

**XYZ(81.4666, 84.3500,
91.3443)**

Conversions

Conversions Part 1

Format	Color
Hex	F2EBEC
RGB	242, 235, 236
RGB Percent	95%, 92%, 93%
CMY	0.0510, 0.0784, 0.0745
CMYK	0.00, 0.03, 0.02, 0.05
HSL	351°, 21%, 94%
HSV	351°, 3%, 95%
XYZ	81.4666, 84.3500, 91.3443
YIQ	237.2070, 3.8510, 1.7950

Conversions

Conversions Part 2

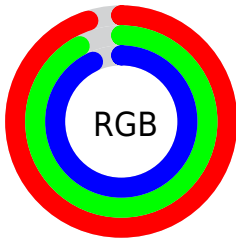
Format	Color
R _Y B	242, 235, 236
Decimal	15920108
CIE Lab	93.60, 2.53, 0.34
CIE LCh	94, 2.552, 7.713
Yxy	84.3500, 0.3168, 0.3280
Android (android.graphics.Color)	4294110188 (0xFF2EBEC)
YUV	237.2070, -0.5951, 4.2035
Hunter-Lab	91.8423, -2.3896, 5.3210

Details

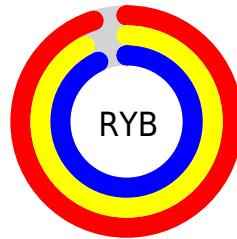
The XYZ color **81.4666, 84.3500, 91.3443** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **81.8934, 87.5195, 95.8002**, and the grayscale version is **80.6601, 84.8607, 92.4133**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.6080, 45.9746, 49.7029** is the 20% darker color. If you saturate the color by 10%, you get **72.1619, 70.2885, 74.2200**, and if you desaturate by 10%, it is **90.4285, 97.6175, 108.6837**.

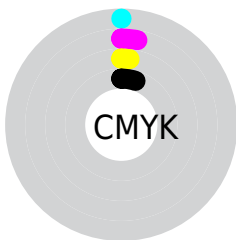
Distribution



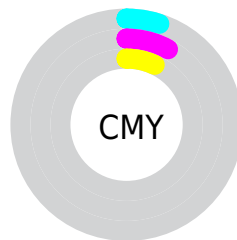
- Red (95%)
- Green (92%)
- Blue (93%)



- Red (95%)
- Yellow (92%)
- Blue (93%)



- Cyan (0%)
- Magenta (3%)
- Yellow (2%)
- Black (5%)



- Cyan (5%)
- Magenta (8%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.4666, 84.3500, 91.3443 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 81.4666, 84.3500, 91.3443 by changing the saturation by 10% instead.

81.4666, 84.3500,
91.3443

81.4666, 84.3500,
91.3443

488.5233,
509.4748, 553.0767

61.2386, 63.3044,
68.5162

134.3655,
139.4647, 151.1561

44.6710, 46.0875,
49.8485

167.7670,
174.3026, 188.9768

31.3985, 32.3149,
34.9227

206.2905,
214.5067, 232.6321

21.0558, 21.6021,
23.3202

250.3011,
260.4615, 282.5406

13.2775, 13.5649,
14.6226

300.1644,
312.5513, 339.1207

7.6982, 7.8186,
8.4113

356.2456,

3.9526, 3.9791,

371.1605, 402.7911

4.2677

418.9101,
436.6735, 473.9703

■ 1.6754, 1.6619,
1.7733

■ 0.4408, 0.3988,
0.4103

■ 81.4666, 84.3500,
91.3443

■ 81.4666, 84.3500,
91.3443

■ 72.1619, 70.2885,
74.2200

■ 90.4285, 97.6175,
108.6837

■ 64.0981, 58.1681,
59.1782

■ 57.2246, 47.9069,
46.1409

■ 51.4847, 39.4127,
35.0231

■ 46.8168, 32.5854,
25.7334

■ 43.1535, 27.3151,
18.1735

■ 40.4198, 23.4784,
12.2351

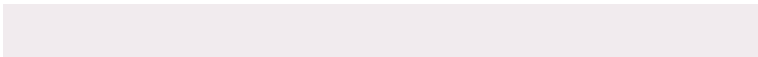
■ 38.5298, 20.9332,
7.7979

■ 37.3809, 19.5083,
4.7240

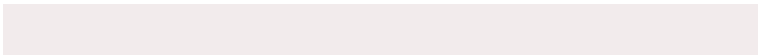
Harmonies

Analogous

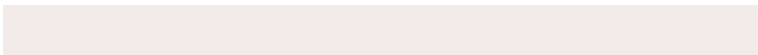
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.3804, 84.3500, 93.2613



81.4666, 84.3500, 91.3443



81.2044, 84.3500, 89.5853

Triad

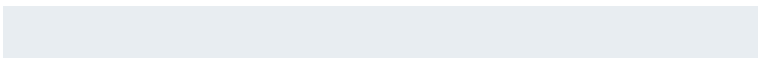
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.4666, 84.3500, 91.3443



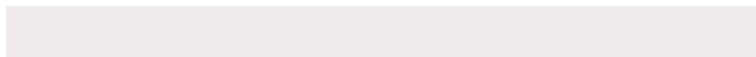
79.3800, 84.3500, 88.9304



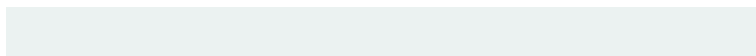
79.6804, 84.3500, 95.3291

Complementary

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



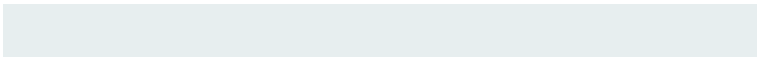
81.4666, 84.3500, 91.3443



81.8934, 87.5195, 95.8002

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.



79.1487, 84.3500, 94.1379



81.4666, 84.3500, 91.3443



78.9759, 84.3500, 90.4388

Square

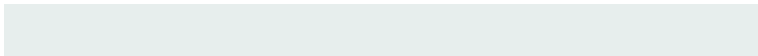
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



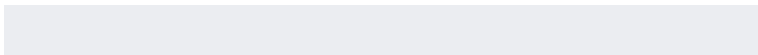
81.4666, 84.3500, 91.3443



79.9979, 84.3500, 88.2045



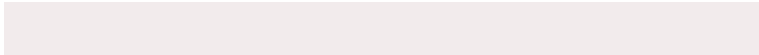
78.8915, 84.3500, 92.3431



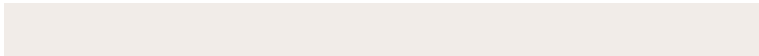
80.3467, 84.3500, 95.5798

Rectangle

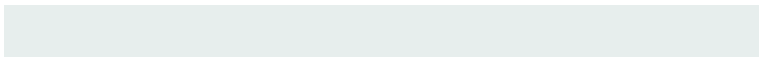
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.4666, 84.3500, 91.3443



80.8682, 84.3500, 88.7328



78.8915, 84.3500, 92.3431



79.4801, 84.3500, 95.0246

Sweetspot

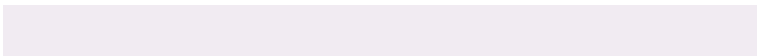
The Sweet Spot groups the original color and five complimentary colors.



81.4690, 84.3536, 91.3461



93.8917, 98.2437, 106.7867



81.9965, 84.5232, 95.9985



20.1089, 21.0467, 22.8790



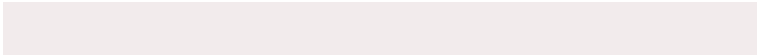
0.0000, 0.0000, 0.0000



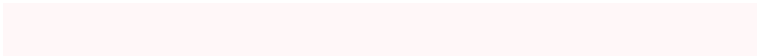
20.3446, 21.4041, 23.3091

Same Dimension

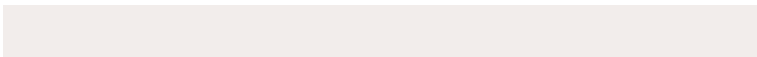
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.4690, 84.3536, 91.3461



91.6194, 94.8004, 102.6340



82.0306, 85.7077, 90.8213



16.9993, 17.5115, 18.9274



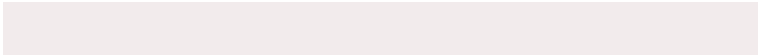
19.8595, 10.2162, 1.9106



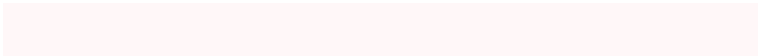
1.6802, 0.8611, 0.3070

Inverse Universe

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



81.4690, 84.3536, 91.3461



91.6194, 94.8004, 102.6340



81.3187, 86.1313, 96.3446



16.9993, 17.5115, 18.9274



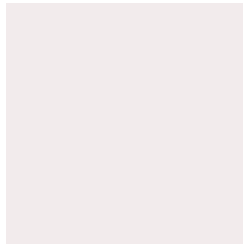
19.8595, 10.2162, 1.9106



1.6802, 0.8611, 0.3070

Previews

White Background



This preview shows how the XYZ color 81.4666, 84.3500, 91.3443 looks on a white background.

Color Contrast Check

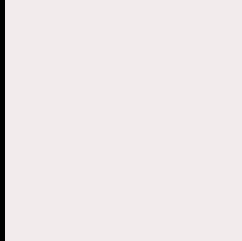
Large Text (above 18pt) WCAG AA × Fail

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 81.4666, 84.3500, 91.3443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

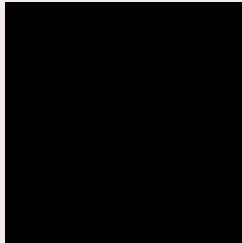
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

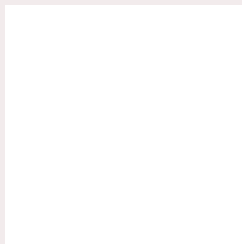
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.4666, 84.3500, 91.3443

Background



This preview shows how black text looks on a background with the XYZ color 81.4666, 84.3500, 91.3443.



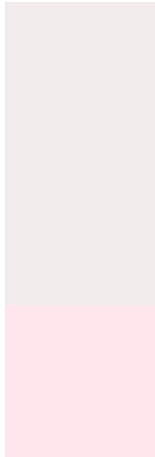
This preview shows how white text looks on a background with the XYZ color 81.4666, 84.3500,

91.3443.

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

81.4666, 84.3500, 91.3443

Protanopia

81.1243, 84.1736, 91.3283

Deuteranopia

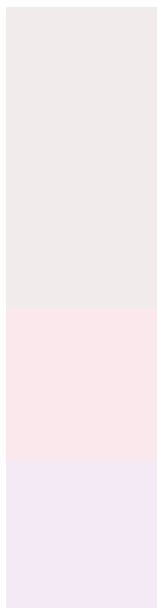
84.8229, 83.9681, 91.8576



Tritanopia

83.8597, 84.4760, 103.1524

Trichromacy



Original Color

81.4666, 84.3500, 91.3443

Protanomaly

81.1243, 84.1736, 91.3283

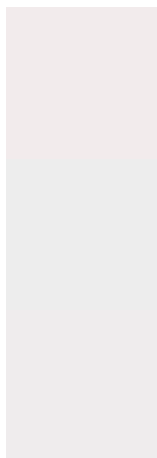
Deuteranomaly

83.5670, 84.1516, 91.9592

Tritanomaly

83.0195, 84.5541, 99.1338

Monochromacy



Original Color

81.4666, 84.3500, 91.3443

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

80.8781, 84.4561, 92.1597

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.4666, 84.3500, 91.3443 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, 235, 236) looks like.

```
.text, #text, p{  
    color:rgb(242, 235, 236)  
}
```

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, 235, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 235, 236) }
```

Border

The CSS property to change the border of an element to XYZ 81.4666, 84.3500, 91.3443 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, 235, 236) }
```


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

```
.border{ border-color:rgb(242, 235, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 235, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 235, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 235, 236);  
box-shadow:4px 4px 4px 4px rgb(242, 235,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 81.4666, 84.3500, 91.3443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 235, 236) }
```

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

```
.background{ background-color: rgb(242,  
235, 236) }
```

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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