

Converting Colors

XYZ(81.3676, 84.2539, 93.0343)

Have a look what the booklet for
XYZ(81.3676, 84.2539, 93.0343)
contains.

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Color

**XYZ(81.4166, 84.2905,
92.8675)**

Conversions

Conversions Part 1

Format	Color
Hex	F1EBEE
RGB	241, 235, 238
RGB Percent	95%, 92%, 93%
CMY	0.0549, 0.0784, 0.0667
CMYK	0.00, 0.02, 0.01, 0.05
HSL	330°, 18%, 93%
HSV	330°, 2%, 95%
XYZ	81.4166, 84.2905, 92.8675
YIQ	237.1360, 2.6130, 2.2050

Conversions

Conversions Part 2

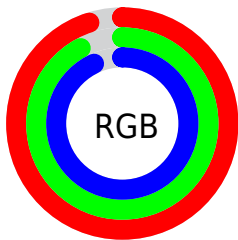
Format	Color
R_{YB}	241, 235, 238
Decimal	15854574
CIE Lab	93.58, 2.54, -0.74
CIE LCh	94, 2.650, 343.679
Yxy	84.2905, 0.3149, 0.3260
Android (android.graphics.Color)	4294044654 (0xFFFF1EBEE)
YUV	237.1360, 0.4260, 3.3887
Hunter-Lab	91.8099, -2.3742, 4.2939

Details

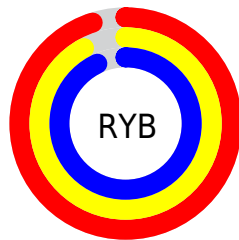
The XYZ color **81.4166, 84.2905, 92.8675** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.1521, 86.7480, 93.3602**, and the grayscale version is **80.5985, 84.7959, 92.3427**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.5712, 45.9319, 50.7726** is the 20% darker color. If you saturate the color by 10%, you get **73.2667, 70.7306, 81.7016**, and if you desaturate by 10%, it is **89.3009, 97.1269, 104.5324**.

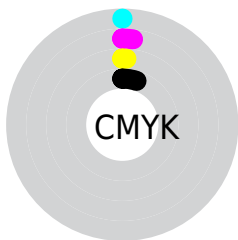
Distribution



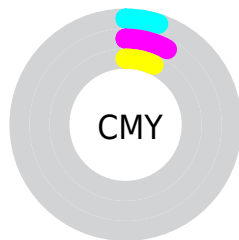
- Red (95%)
- Green (92%)
- Blue (93%)



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



- Cyan (0%)
- Magenta (2%)
- Yellow (1%)
- Black (5%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.4166, 84.2905, 92.8675 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 81.4166, 84.2905, 92.8675 by changing the saturation by 10% instead.

81.4166, 84.2905,
92.8675

81.4166, 84.2905,
92.8675

488.3583,
509.2774, 558.1242

61.1972, 63.2553,
69.7743

134.2957,
139.3815, 153.2853

44.6375, 46.0478,
50.8669

167.6861,
174.2060, 191.4470

31.3721, 32.2835,
35.7267

206.1976,
214.3958, 235.4686

21.0355, 21.5782,
23.9352

250.1954,
260.3353, 285.7686

13.2626, 13.5473,
15.0738

300.0451,
312.4088, 342.7657

7.6879, 7.8065,
8.7240

356.1119,

3.9460, 3.9714,

371.0007, 406.8783

4.4672

418.7612,
436.4955, 478.5249

■ 1.6716, 1.6576,
1.8850

■ 0.4384, 0.3959,
0.4832

■ 81.4166, 84.2905,
92.8675

■ 81.4166, 84.2905,
92.8675

■ 73.2667, 70.7306,
81.7016

■ 89.3009, 97.1269,
104.5324

■ 66.1282, 59.0084,
71.4459

■ 90.0862, 97.4410,
108.6677

■ 59.9613, 49.0470,
62.0765

■ 54.7207, 40.7597,
53.5662

■ 50.3574, 34.0526,
45.8860

■ 46.8177, 28.8223,
39.0052

■ 44.0412, 24.9528,
32.8901

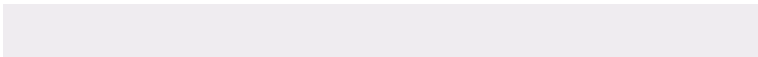
■ 41.9591, 22.3106,
27.5038

■ 40.4885, 20.7348,
22.8040

Harmonies

Analogous

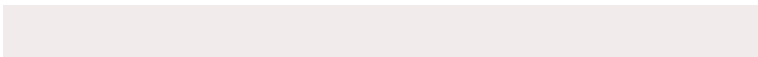
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.0504, 84.2905, 94.5993



81.4166, 84.2905, 92.8675



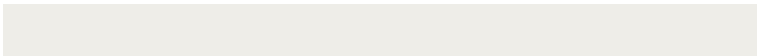
81.4329, 84.2905, 90.8679

Triad

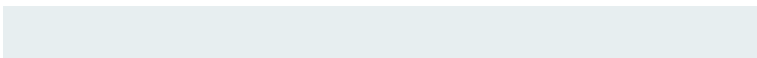
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.4166, 84.2905, 92.8675



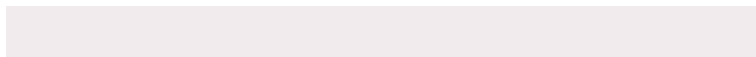
79.7972, 84.2905, 88.0768



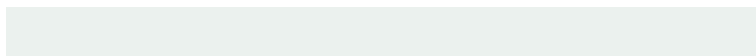
79.1444, 84.2905, 94.4708

Complementary

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



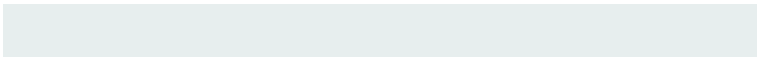
81.4166, 84.2905, 92.8675



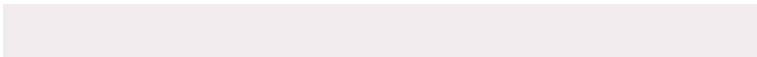
81.1521, 86.7480, 93.3602

Split Complementary

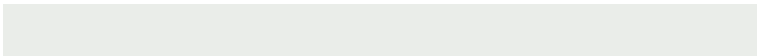
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.8126, 84.2905, 92.6943



81.4166, 84.2905, 92.8675



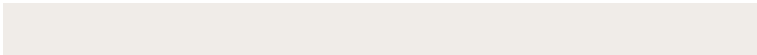
79.1880, 84.2905, 89.0135

Square

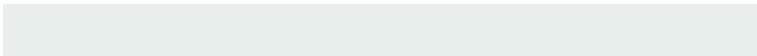
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



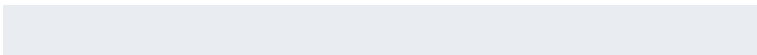
81.4166, 84.2905, 92.8675



80.4951, 84.2905, 88.1217



78.8285, 84.2905, 90.6971



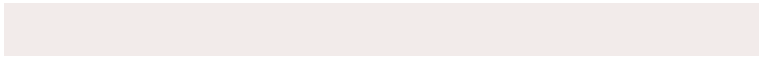
79.7373, 84.2905, 95.5341

Rectangle

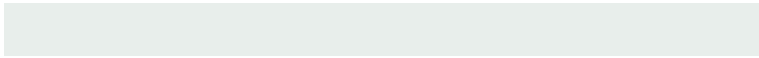
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



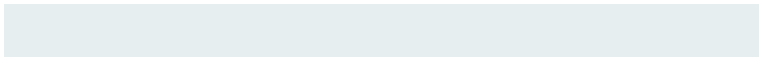
81.4166, 84.2905, 92.8675



81.2429, 84.2905, 89.6532



78.8285, 84.2905, 90.6971



78.9988, 84.2905, 93.9361

Sweetspot

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



81.4190, 84.2941, 92.8693



94.0371, 98.3019, 107.5524



80.8485, 83.9487, 95.1629



20.1385, 21.0585, 23.0349



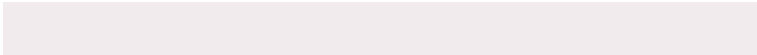
0.0000, 0.0000, 0.0000



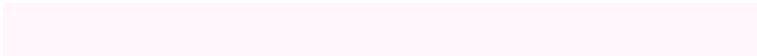
20.3446, 21.4041, 23.3091

Same Dimension

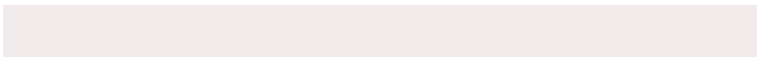
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.4190, 84.2941, 92.8693



92.0477, 94.9717, 104.8893



80.9824, 84.1195, 90.5701



17.0996, 17.5516, 19.4557



21.5918, 10.9091, 11.0330



1.8465, 0.9276, 1.1823

Inverse Universe

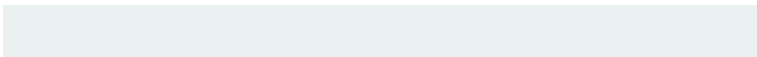
The Inverse Universe completely reimagines the original color for something new.



81.4190, 84.2941, 92.8693



92.0477, 94.9717, 104.8893



81.5960, 86.9256, 95.6981



17.0996, 17.5516, 19.4557



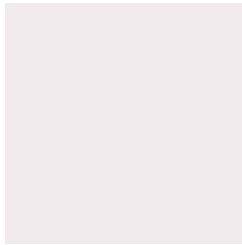
21.5918, 10.9091, 11.0330



1.8465, 0.9276, 1.1823

Previews

White Background



This preview shows how the XYZ color 81.4166, 84.2905, 92.8675 looks on a white background.

Color Contrast Check

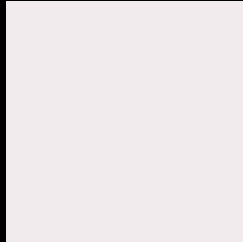
Large Text (above 18pt) WCAG AA × Fail

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 81.4166, 84.2905, 92.8675 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

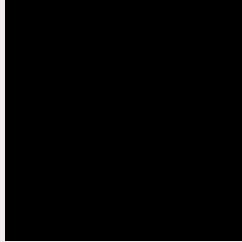
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

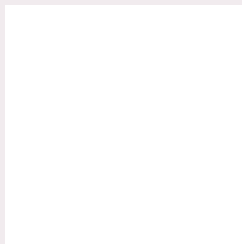
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.4166, 84.2905, 92.8675

Background



This preview shows how black text looks on a background with the XYZ color 81.4166, 84.2905, 92.8675.



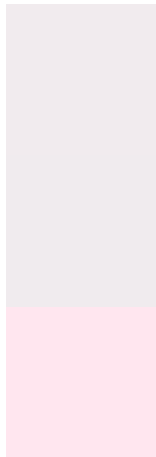
This preview shows how white text looks on a background with the XYZ color 81.4166, 84.2905,

92.8675.

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

81.4166, 84.2905, 92.8675

Protanopia

81.0761, 84.1150, 92.8516

Deuteranopia

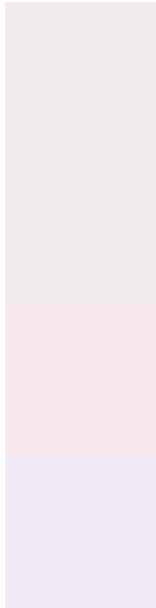
85.1168, 84.0856, 93.4054



Tritanopia

83.5136, 84.2975, 103.1362

Trichromacy



Original Color

81.4166, 84.2905, 92.8675

Protanomaly

81.0761, 84.1150, 92.8516

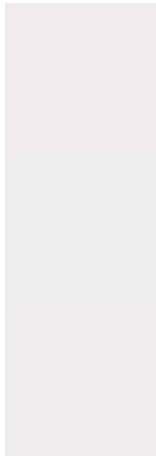
Deuteranomaly

83.8609, 84.2692, 93.5070

Tritanomaly

82.6753, 84.3767, 99.1177

Monochromacy



Original Color

81.4166, 84.2905, 92.8675

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

80.5414, 84.2825, 92.1439

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.4166, 84.2905, 92.8675 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(241, 235, 238) looks like.

```
.text, #text, p{  
    color:rgb(241, 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(241, 235, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 235, 238) }
```

Border

The CSS property to change the border of an element to XYZ 81.4166, 84.2905, 92.8675 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(241, 235, 238) }
```


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

```
.border{ border-color:rgb(241, 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(241, 235, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 235, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 235, 238);  
box-shadow:4px 4px 4px 4px rgb(241, 235,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 81.4166, 84.2905, 92.8675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 235, 238) }
```

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

```
.background{ background-color: rgb(241,  
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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