

Converting Colors

XYZ(82.2424, 84.2159, 94.5243)

Have a look what the booklet for
XYZ(82.2424, 84.2159, 94.5243)
contains.

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Color

**XYZ(82.1131, 84.1916,
94.3609)**

Conversions

Conversions Part 1

Format	Color
Hex	F3EAF0
RGB	243, 234, 240
RGB Percent	95%, 92%, 94%
CMY	0.0471, 0.0823, 0.0588
CMYK	0.00, 0.04, 0.01, 0.05
HSL	320°, 27%, 94%
HSV	320°, 4%, 95%
XYZ	82.1131, 84.1916, 94.3609
YIQ	237.3750, 3.4380, 3.7740

Conversions

Conversions Part 2

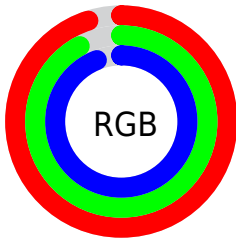
Format	Color
R _Y B	243, 234, 240
Decimal	15985392
CIE Lab	93.53, 4.08, -1.83
CIE LCh	94, 4.470, 335.834
Yxy	84.1916, 0.3150, 0.3230
Android (android.graphics.Color)	4294175472 (0xFF3EAF0)
YUV	237.3750, 1.2941, 4.9331
Hunter-Lab	91.7560, -0.8320, 3.2560

Details

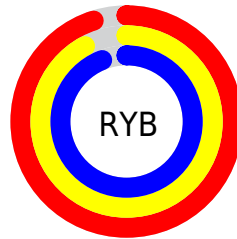
The XYZ color **82.1131, 84.1916, 94.3609** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.2714, 87.7101, 92.7712**, and the grayscale version is **80.7757, 84.9823, 92.5458**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.0656, 45.8663, 51.8253** is the 20% darker color. If you saturate the color by 10%, you get **74.4877, 70.8233, 86.0127**, and if you desaturate by 10%, it is **89.6822, 97.3587, 102.9576**.

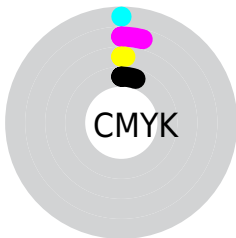
Distribution



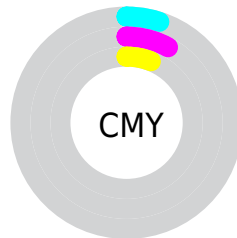
- Red (95%)
- Green (92%)
- Blue (94%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.1131, 84.1916, 94.3609 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 82.1131, 84.1916, 94.3609 by changing the saturation by 10% instead.

82.1131, 84.1916,
94.3609

82.1131, 84.1916,
94.3609

490.6547,
508.9493, 563.0489

61.7732, 63.1736,
71.0092

135.2676,
139.2432, 155.3693

45.1044, 45.9817,
51.8678

168.8129,
174.0456, 193.8632

31.7413, 32.2314,
36.5182

207.4907,
214.2115, 238.2415

21.3185, 21.5383,
24.5418

251.6663,
260.1255, 288.9228

13.4708, 13.5180,
15.5201

301.7052,
312.1719, 346.3257

7.8328, 7.7862,
9.0346

357.9727,

4.0390, 3.9585,

370.7350, 410.8686

4.6666

420.8340,
436.1994, 482.9702

■ 1.7242, 1.6504,
1.9977

■ 0.4714, 0.3912,
0.5539

■ 82.1131, 84.1916,
94.3609

■ 82.1131, 84.1916,
94.3609

■ 74.4877, 70.8233,
86.0127

■ 89.6822, 97.3587,
102.9576

■ 67.8233, 59.2935,
78.2457

■ 90.7726, 97.7949,
108.6998

■ 62.0808, 49.5235,
71.0443

■ 57.2153, 41.4248,
64.3900

■ 53.1780, 34.9012,
58.2629

■ 49.9153, 29.8465,
52.6415

■ 47.3670, 26.1415,
47.5018

■ 45.4634, 23.6481,
42.8167

■ 44.1196, 22.1980,
38.5541

Harmonies

Analogous

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



81.3595, 84.1916, 97.0491



82.1131, 84.1916, 94.3609



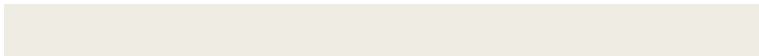
82.3039, 84.1916, 91.0103

Triad

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



82.1131, 84.1916, 94.3609



79.7908, 84.1916, 85.3464



78.1932, 84.1916, 95.5339

Complementary

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



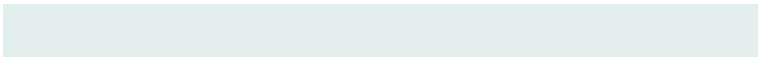
82.1131, 84.1916, 94.3609



81.2714, 87.7101, 92.7712

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.



77.7819, 84.1916, 92.3335



82.1131, 84.1916, 94.3609



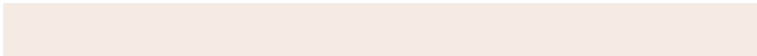
78.6984, 84.1916, 86.4940

Square

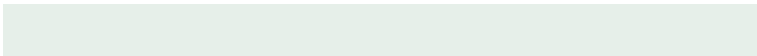
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



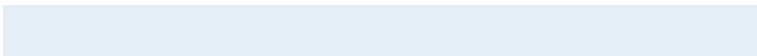
82.1131, 84.1916, 94.3609



80.9556, 84.1916, 85.8592



77.9659, 84.1916, 89.0314



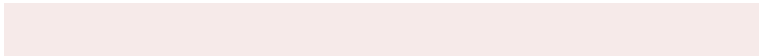
79.0948, 84.1916, 97.7380

Rectangle

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



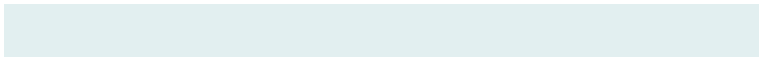
82.1131, 84.1916, 94.3609



82.0847, 84.1916, 88.8632



77.9659, 84.1916, 89.0314



77.9934, 84.1916, 94.5360

Sweetspot

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



82.1155, 84.1952, 94.3627



94.1053, 98.3291, 107.9112



80.5288, 83.3254, 96.6341



20.1524, 21.0641, 23.1079



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.



82.1155, 84.1952, 94.3627



91.3391, 93.4467, 104.9853



81.4556, 83.9313, 90.8876



17.7725, 18.0871, 20.4383



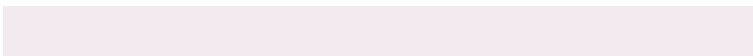
23.9291, 11.9151, 20.1327



2.1507, 1.0662, 2.0200

Inverse Universe

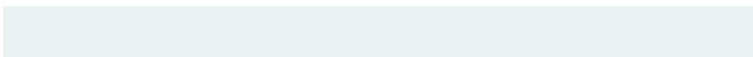
The Inverse Universe completely reimagines the original color for something new.



82.1155, 84.1952, 94.3627



91.3391, 93.4467, 104.9853



81.9369, 87.9763, 96.2754



17.7725, 18.0871, 20.4383



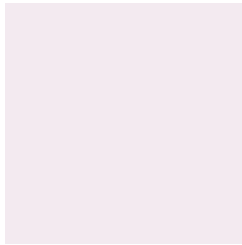
23.9291, 11.9151, 20.1327



2.1507, 1.0662, 2.0200

Previews

White Background



This preview shows how the XYZ color 82.1131, 84.1916, 94.3609 looks on a white background.

Color Contrast Check

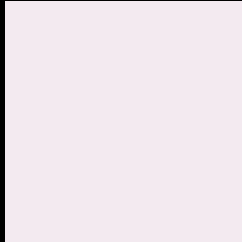
Large Text (above 18pt) WCAG AA × Fail

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 82.1131, 84.1916, 94.3609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

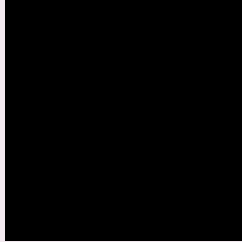
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

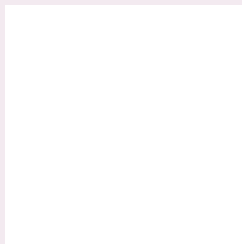
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.1131, 84.1916, 94.3609

Background



This preview shows how black text looks on a background with the XYZ color 82.1131, 84.1916, 94.3609.



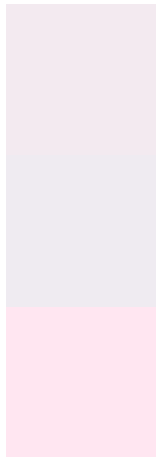
This preview shows how white text looks on a background with the XYZ color 82.1131, 84.1916,

94.3609.

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

82.1131, 84.1916, 94.3609

Protanopia

81.1821, 84.1183, 95.1768

Deuteranopia

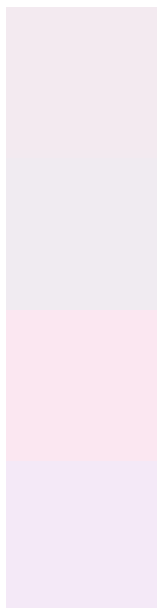
85.4140, 84.2045, 94.9704



Tritanopia

83.9254, 84.0907, 103.0746

Trichromacy



Original Color

82.1131, 84.1916, 94.3609

Protanomaly

81.5207, 84.2928, 95.1926

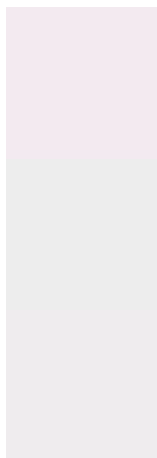
Deuteranomaly

84.2368, 84.0119, 94.9953

Tritanomaly

83.2356, 84.2263, 99.8660

Monochromacy



Original Color

82.1131, 84.1916, 94.3609

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 82.1131, 84.1916, 94.3609 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, 240) looks like.

```
.text, #text, p{  
    color:rgb(243, 234, 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(243, 234, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 234, 240) }
```

Border

The CSS property to change the border of an element to XYZ 82.1131, 84.1916, 94.3609 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, 240) }
```


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

```
.border{ border-color:rgb(243, 234, 240) }
```

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, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 234, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 234, 240);  
box-shadow:4px 4px 4px 4px rgb(243, 234,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 82.1131, 84.1916, 94.3609 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, 240) }
```

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

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