

Converting Colors

XYZ(82.9367, 82.3604, 96.1744)

Have a look what the booklet for
XYZ(82.9367, 82.3604, 96.1744)
contains.

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Color

**XYZ(82.9084, 82.4661,
96.3418)**

Conversions

Conversions Part 1

Format	Color
Hex	F8E5F3
RGB	248, 229, 243
RGB Percent	97%, 90%, 95%
CMY	0.0274, 0.1019, 0.0471
CMYK	0.00, 0.08, 0.02, 0.03
HSL	316°, 58%, 94%
HSV	316°, 8%, 97%
XYZ	82.9084, 82.4661, 96.3418
YIQ	236.2770, 6.8300, 8.3820

Conversions

Conversions Part 2

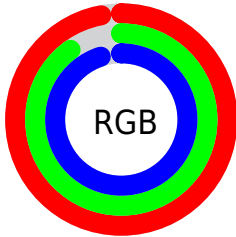
Format	Color
R _Y B	248, 229, 243
Decimal	16311795
CIE Lab	92.78, 8.86, -4.45
CIE LCh	93, 9.915, 333.306
Yxy	82.4661, 0.3168, 0.3151
Android (android.graphics.Color)	4294501875 (0xFF8E5F3)
YUV	236.2770, 3.3144, 10.2811
Hunter-Lab	90.8108, 4.0478, 0.6665

Details

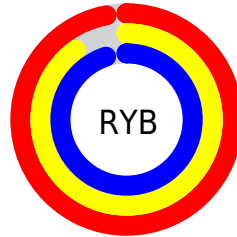
The XYZ color **82.9084, 82.4661, 96.3418** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.7350, 89.7357, 90.9118**, and the grayscale version is **79.9147, 84.0765, 91.5593**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.8439, 45.0664, 53.2962** is the 20% darker color. If you saturate the color by 10%, you get **75.5630, 69.3239, 89.1163**, and if you desaturate by 10%, it is **91.2738, 97.5898, 104.0822**.

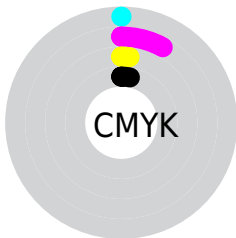
Distribution



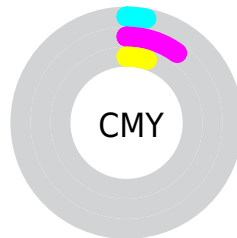
- Red (97%)
- Green (90%)
- Blue (95%)



- Red (97%)
- Yellow (90%)
- Blue (95%)



- Cyan (0%)
- Magenta (8%)
- Yellow (2%)
- Black (3%)



- Cyan (3%)
- Magenta (10%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.9084, 82.4661, 96.3418 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 82.9084, 82.4661, 96.3418 by changing the saturation by 10% instead.

82.9084, 82.4661,
96.3418

82.9084, 82.4661,
96.3418

493.2697,
503.2054, 569.5454

62.4312, 61.7498,
72.6492

136.3764,
136.8274, 158.1285

45.6382, 44.8306,
53.1991

170.0979,
171.2413, 197.0598

32.1638, 31.3240,
37.5729

208.9649,
210.9897, 241.9077

21.6428, 20.8457,
25.3521

253.3427,
256.4572, 293.0907

13.7098, 13.0112,
16.1182

303.5968,
308.0282, 351.0275

7.9995, 7.4363,
9.4526

360.0924,

4.1464, 3.7364,

366.0869, 416.1365

4.9367

423.1949,
431.0179, 488.8363

■ 1.7853, 1.5272,
2.1521

■ 0.5088, 0.3078,
0.6465

■ 82.9084, 82.4661,
96.3418

■ 82.9084, 82.4661,
96.3418

■ 75.5630, 69.3239,
89.1163

■ 91.2738, 97.5898,
104.0822

■ 69.1887, 58.0698,
82.3848

■ 92.5220, 98.6968,
108.7817

■ 63.7434, 48.6185,
76.1322

■ 59.1787, 40.8742,
70.3408

■ 55.4420, 34.7321,
64.9911

■ 52.4748, 30.0758,
60.0616

■ 50.2106, 26.7730,
55.5284

■ 48.5712, 24.6680,
51.3634

■ 47.4529, 23.5539,
47.5300

Harmonies

Analogous

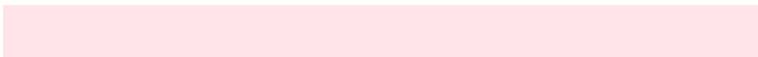
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.1438, 82.4661, 102.2265



82.9084, 82.4661, 96.3418



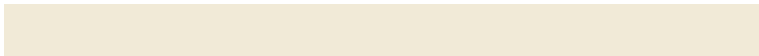
83.4512, 82.4661, 88.9728

Triad

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



82.9084, 82.4661, 96.3418



78.0951, 82.4661, 76.3120



74.2989, 82.4661, 97.8404

Complementary

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



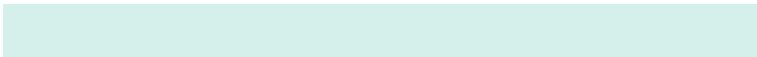
82.9084, 82.4661, 96.3418



80.7350, 89.7357, 90.9118

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.



73.5215, 82.4661, 90.6153



82.9084, 82.4661, 96.3418



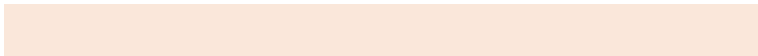
75.6828, 82.4661, 78.4082

Square

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



82.9084, 82.4661, 96.3418



80.6365, 82.4661, 77.6603



74.0226, 82.4661, 83.5452



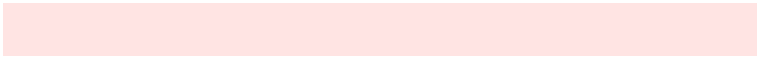
76.1690, 82.4661, 103.1246

Rectangle

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



82.9084, 82.4661, 96.3418



83.0374, 82.4661, 84.2744



74.0226, 82.4661, 83.5452



73.9030, 82.4661, 95.5444

Sweetspot

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



82.9108, 82.4697, 96.3436



93.2291, 96.7029, 107.2305



78.8156, 80.2701, 100.1480



19.9740, 20.7329, 22.9693



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.



82.9108, 82.4697, 96.3436



87.2032, 85.8384, 101.5614



81.5489, 81.9249, 89.1722



17.7865, 17.4420, 20.7316



25.5743, 12.6454, 25.5304



2.4122, 1.1886, 2.5941

Inverse Universe

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



82.9108, 82.4697, 96.3436



87.2032, 85.8384, 101.5614



82.0987, 90.2811, 98.0932



17.7865, 17.4420, 20.7316



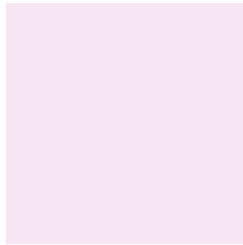
25.5743, 12.6454, 25.5304



2.4122, 1.1886, 2.5941

Previews

White Background



This preview shows how the XYZ color 82.9084, 82.4661, 96.3418 looks on a white background.

Color Contrast Check

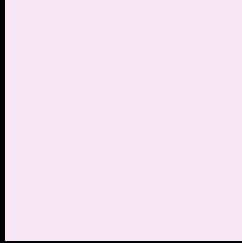
Large Text (above 18pt) WCAG AA × Fail

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 82.9084, 82.4661, 96.3418 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

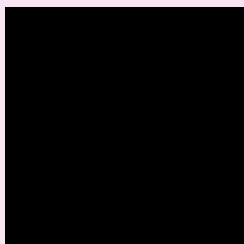
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.9084, 82.4661, 96.3418

Background



This preview shows how black text looks on a background with the XYZ color 82.9084, 82.4661, 96.3418.



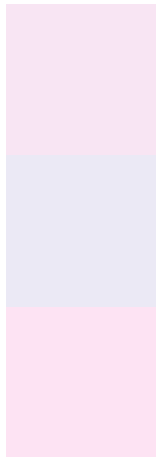
This preview shows how white text looks on a background with the XYZ color 82.9084, 82.4661,

96.3418.

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

82.9084, 82.4661, 96.3418

Protanopia

79.8813, 82.5326, 98.1064

Deuteranopia

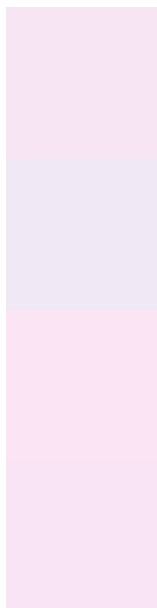
84.1548, 82.2919, 96.2425



Tritanopia

83.4449, 82.2804, 98.6725

Trichromacy



Original Color

82.9084, 82.4661, 96.3418

Protanomaly

81.1209, 82.7701, 97.2887

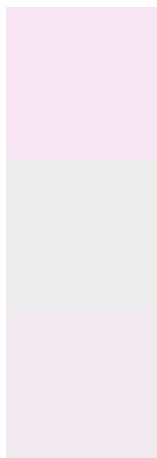
Deuteranomaly

83.7047, 82.4671, 96.3000

Tritanomaly

83.2918, 82.2191, 97.8661

Monochromacy



Original Color

82.9084, 82.4661, 96.3418

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

80.6541, 83.0351, 93.4378

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.9084, 82.4661, 96.3418 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(248, 229, 243) looks like.

```
.text, #text, p{  
    color:rgb(248, 229, 243)  
}
```

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(248, 229, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 229, 243) }
```

Border

The CSS property to change the border of an element to XYZ 82.9084, 82.4661, 96.3418 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(248, 229, 243) }
```


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

```
.border{ border-color:rgb(248, 229, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 229, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 229, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 229, 243);  
box-shadow:4px 4px 4px 4px rgb(248, 229,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 82.9084, 82.4661, 96.3418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 229, 243) }
```

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

```
.background{ background-color: rgb(248,  
229, 243) }
```

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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