

Converting Colors

XYZ(82.8450, 82.7726, 94.4849)

Have a look what the booklet for
XYZ(82.8450, 82.7726, 94.4849)
contains.

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Color

**XYZ(82.8854, 82.9010,
94.8520)**

Conversions

Conversions Part 1

Format	Color
Hex	F8E6F1
RGB	248, 230, 241
RGB Percent	97%, 90%, 95%
CMY	0.0274, 0.0980, 0.0549
CMYK	0.00, 0.07, 0.03, 0.03
HSL	323°, 56%, 94%
HSV	323°, 7%, 97%
XYZ	82.8854, 82.9010, 94.8520
YIQ	236.6360, 7.1970, 7.2370

Conversions

Conversions Part 2

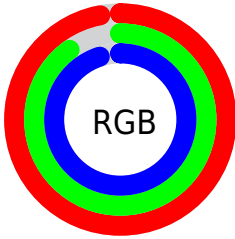
Format	Color
R _Y B	248, 230, 241
Decimal	16312049
CIE Lab	92.97, 7.99, -3.13
CIE LCh	93, 8.582, 338.611
Yxy	82.9010, 0.3180, 0.3181
Android (android.graphics.Color)	4294502129 (0xFF8E6F1)
YUV	236.6360, 2.1515, 9.9662
Hunter-Lab	91.0500, 3.1562, 1.9692

Details

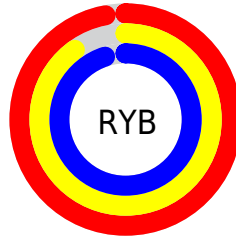
The XYZ color **82.8854, 82.9010, 94.8520** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.4898, 90.0744, 93.2164**, and the grayscale version is **80.1986, 84.3752, 91.8846**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.8252, 45.3692, 52.2408** is the 20% darker color. If you saturate the color by 10%, you get **75.0664, 69.5075, 85.3241**, and if you desaturate by 10%, it is **91.7672, 98.2959, 105.1127**.

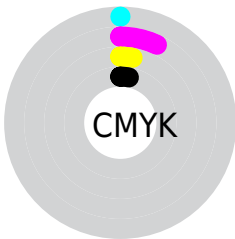
Distribution



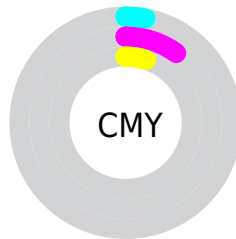
- Red (97%)
- Green (90%)
- Blue (95%)



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



- Cyan (0%)
- Magenta (7%)
- Yellow (3%)
- Black (3%)





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

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.8854, 82.9010, 94.8520 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 82.8854, 82.9010, 94.8520 by changing the saturation by 10% instead.

 82.8854, 82.9010,
94.8520

 82.8854, 82.9010,
94.8520


493.1942,
504.6565, 564.6633

 62.4122, 62.1085,
71.4156


136.3443,
137.4368, 156.0539

 45.6227, 45.1204,
52.1975


170.0607,
171.9489, 194.6566

 32.1516, 31.5522,
36.7792


208.9223,
211.8029, 239.1517

 21.6334, 21.0197,
24.7421

253.2943,
257.3833, 289.9578

 13.7029, 13.1384,
15.6678

303.5421,
309.0745, 347.4935

 7.9946, 7.5239,
9.1376

360.0312,

 4.1433, 3.7919,

367.2608, 412.1772

4.7330

423.1267,
432.3267, 484.4277

■ 1.7835, 1.5578,
2.0355

■ 0.5077, 0.3289,
0.5770

■ 82.8854, 82.9010,
94.8520

■ 82.8854, 82.9010,
94.8520

■ 75.0664, 69.5075,
85.3241

■ 91.7672, 98.2959,
105.1127

■ 68.2609, 58.0215,
76.5037

■ 92.5219, 98.6967,
108.7817

■ 62.4256, 48.3580,
68.3716

■ 57.5119, 40.4210,
60.9054

■ 53.4662, 34.1057,
54.0813

■ 50.2294, 29.2960,
47.8729

■ 47.7346, 25.8600,
42.2516

■ 45.9031, 23.6427,
37.1842

■ 44.6335, 22.4435,
32.6302

Harmonies

Analogous

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



81.5210, 82.9010, 100.2800



82.8854, 82.9010, 94.8520



83.1430, 82.9010, 88.4258

Triad

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



82.8854, 82.9010, 94.8520



78.1500, 82.9010, 78.5788



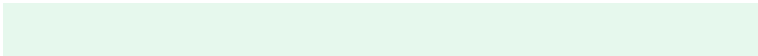
75.4678, 82.9010, 98.2062

Complementary

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



82.8854, 82.9010, 94.8520



81.4898, 90.0744, 93.2164

Split Complementary

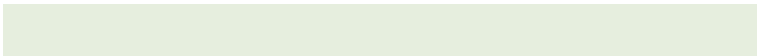
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.6011, 82.9010, 92.1298



82.8854, 82.9010, 94.8520



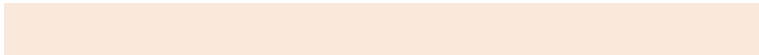
76.1303, 82.9010, 80.9402

Square

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



82.8854, 82.9010, 94.8520



80.3807, 82.9010, 79.2303



74.8413, 82.9010, 85.8285



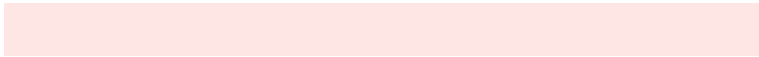
77.2302, 82.9010, 102.2797

Rectangle

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



82.8854, 82.9010, 94.8520



82.6478, 82.9010, 84.4704



74.8413, 82.9010, 85.8285



75.0636, 82.9010, 96.3189

Sweetspot

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



82.8878, 82.9046, 94.8538



93.1267, 96.6620, 106.6913



80.1350, 81.3624, 100.2890



19.9531, 20.7246, 22.8596



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.



82.8878, 82.9046, 94.8538



86.7564, 85.6597, 99.2088



81.5908, 82.3858, 88.0242



17.6903, 17.4035, 20.2247



24.0237, 12.0252, 17.3649



2.2770, 1.1345, 1.8819

Inverse Universe

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



82.8878, 82.9046, 94.8538



86.7564, 85.6597, 99.2088



82.8224, 90.6075, 100.2337



17.6903, 17.4035, 20.2247



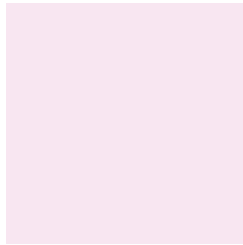
24.0237, 12.0252, 17.3649



2.2770, 1.1345, 1.8819

Previews

White Background



This preview shows how the XYZ color 82.8854, 82.9010, 94.8520 looks on a white background.

Color Contrast Check

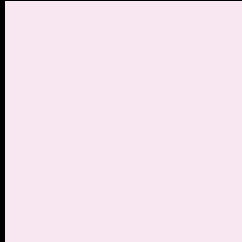
Large Text (above 18pt) WCAG AA × Fail

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 82.8854, 82.9010, 94.8520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

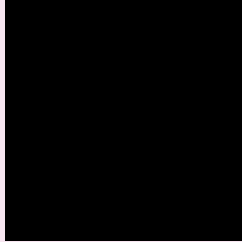
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.8854, 82.9010, 94.8520

Background



This preview shows how black text looks on a background with the XYZ color 82.8854, 82.9010, 94.8520.



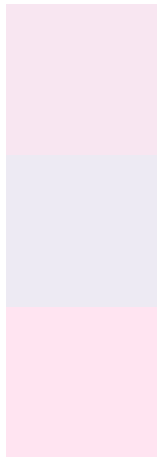
This preview shows how white text looks on a background with the XYZ color 82.8854, 82.9010,

94.8520.

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

82.8854, 82.9010, 94.8520

Protanopia

80.5255, 83.3212, 96.6325

Deuteranopia

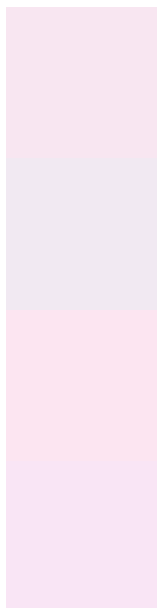
84.8606, 83.0977, 94.7859



Tritanopia

83.8747, 82.8938, 99.5751

Trichromacy



Original Color

82.8854, 82.9010, 94.8520

Protanomaly

81.4416, 83.3894, 95.8077

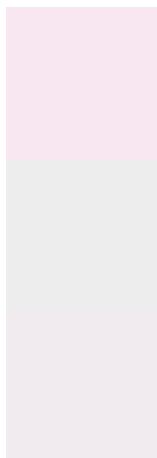
Deuteranomaly

84.0414, 83.0849, 94.8266

Tritanomaly

83.5677, 82.7709, 97.9581

Monochromacy



Original Color

82.8854, 82.9010, 94.8520

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

81.1311, 83.7195, 92.7723

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.8854, 82.9010, 94.8520 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, 230, 241) looks like.

```
.text, #text, p{  
    color:rgb(248, 230, 241)  
}
```

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, 230, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 230, 241) }
```

Border

The CSS property to change the border of an element to XYZ 82.8854, 82.9010, 94.8520 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, 230, 241) }
```


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

```
.border{ border-color:rgb(248, 230, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 230, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 230, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 230, 241);  
box-shadow:4px 4px 4px 4px rgb(248, 230,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 82.8854, 82.9010, 94.8520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 230, 241) }
```

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

```
.background{ background-color: rgb(248,  
230, 241) }
```

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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