

Converting Colors

XYZ(83.0564, 82.9058, 98.5436)

Have a look what the booklet for
XYZ(83.0564, 82.9058, 98.5436)
contains.

XYZ(82.9374, 82.8403, 98.8073)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(82.9374, 82.8403,
98.8073)**

Conversions

Conversions Part 1

Format	Color
Hex	F6E6F6
RGB	246, 230, 246
RGB Percent	96%, 90%, 96%
CMY	0.0353, 0.0980, 0.0353
CMYK	0.00, 0.07, 0.00, 0.04
HSL	300°, 47%, 93%
HSV	300°, 7%, 96%
XYZ	82.9374, 82.8403, 98.8073
YIQ	236.6080, 4.4000, 8.3680

Conversions

Conversions Part 2

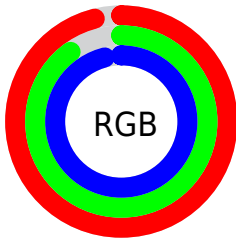
Format	Color
R _Y B	246, 230, 246
Decimal	16180982
CIE Lab	92.94, 8.21, -5.79
CIE LCh	93, 10.046, 324.770
Yxy	82.8403, 0.3135, 0.3131
Android (android.graphics.Color)	4294371062 (0xFFFF6E6F6)
YUV	236.6080, 4.6303, 8.2368
Hunter-Lab	91.0166, 3.3760, -0.6533

Details

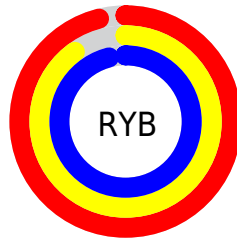
The XYZ color **82.9374, 82.8403, 98.8073** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.8750, 88.4499, 87.7299**, and the grayscale version is **80.1602, 84.3348, 91.8406**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.8594, 45.3248, 55.0467** is the 20% darker color. If you saturate the color by 10%, you get **76.5699, 70.1040, 96.6858**, and if you desaturate by 10%, it is **90.2758, 97.5159, 101.2544**.

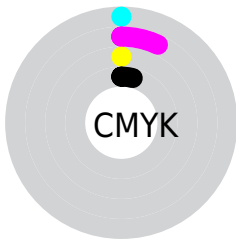
Distribution



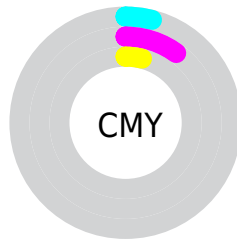
- Red (96%)
- Green (90%)
- Blue (96%)



- Red (96%)
- Yellow (90%)
- Blue (96%)



- Cyan (0%)
- Magenta (7%)
- Yellow (0%)
- Black (4%)





- Cyan (4%)
- Magenta (10%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.9374, 82.8403, 98.8073 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 82.9374, 82.8403, 98.8073 by changing the saturation by 10% instead.

 82.9374, 82.8403,
98.8073

 82.9374, 82.8403,
98.8073


493.3650,
504.4541, 577.5759

 62.4552, 62.0584,
74.6935


136.4168,
137.3518, 161.5547

 45.6576, 45.0799,
54.8616


170.1447,
171.8501, 201.0255

 32.1792, 31.5204,
38.8931

209.0186,
211.6895, 246.4522

 21.6546, 20.9954,
26.3694

253.4038,
257.2541, 298.2536

 13.7185, 13.1206,
16.8719

303.6657,
308.9285, 356.8481

 8.0056, 7.5117,
9.9822

360.1696,

 4.1503, 3.7841,

367.0971, 422.6543

5.2817

423.2809,
432.1441, 496.0908

■ 1.7875, 1.5535,
2.3519

■ 0.5101, 0.3260,
0.7601

■ 82.9374, 82.8403,
98.8073

■ 82.9374, 82.8403,
98.8073

■ 76.5699, 70.1040,
96.6858

■ 90.2758, 97.5159,
101.2544

■ 71.1257, 59.2157,
94.8711

■ 90.4014, 97.7670,
101.2963

■ 66.5643, 50.0929,
93.3506

■ 90.4014, 97.7670,
101.2963

■ 62.8392, 42.6427,
92.1089

■ 90.4014, 97.7670,
101.2963

59.8996, 36.7635,
91.1290

90.4014, 97.7670,
101.2963

57.6893, 32.3429,
90.3922

90.4014, 97.7670,
101.2963

56.1446, 29.2535,
89.8774

90.4014, 97.7670,
101.2963

55.1909, 27.3461,
89.5595

90.4014, 97.7670,
101.2963

54.7348, 26.4338,
89.4074

90.4014, 97.7670,
101.2963

Harmonies

Analogous

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



80.8734, 82.8403, 103.9877



82.9374, 82.8403, 98.8073



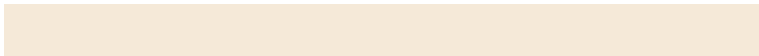
83.8773, 82.8403, 91.5245

Triad

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



82.9374, 82.8403, 98.8073



79.1987, 82.8403, 76.5414



74.2376, 82.8403, 96.3993

Complementary

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



82.9374, 82.8403, 98.8073



79.8750, 88.4499, 87.7299

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.



73.8116, 82.8403, 88.8864



82.9374, 82.8403, 98.8073



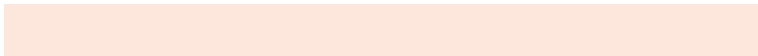
76.6390, 82.8403, 77.6865

Square

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



82.9374, 82.8403, 98.8073



81.6883, 82.8403, 78.8867



74.6813, 82.8403, 82.1058



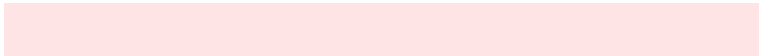
75.8581, 82.8403, 102.5442

Rectangle

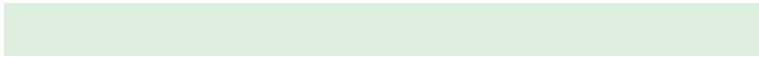
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.9374, 82.8403, 98.8073



83.7251, 82.8403, 86.5596



74.6813, 82.8403, 82.1058



73.9514, 82.8403, 93.9391

Sweetspot

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



82.9398, 82.8439, 98.8091



93.4445, 96.7891, 108.3648



77.5682, 80.0747, 98.5577



20.0178, 20.7505, 23.2001



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.



82.9398, 82.8439, 98.8091



88.8839, 87.6679, 106.8446



81.7382, 82.3632, 92.4814



17.2137, 16.7683, 20.8719



29.1650, 14.0095, 47.7049



2.5633, 1.2313, 4.1928

Inverse Universe

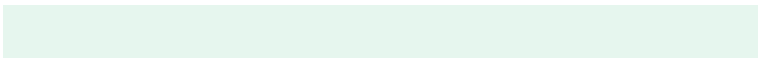
The Inverse Universe completely reimagines the original color for something new.



82.9398, 82.8439, 98.8091



88.8839, 87.6679, 106.8446



81.0244, 88.9097, 93.7826



17.2137, 16.7683, 20.8719



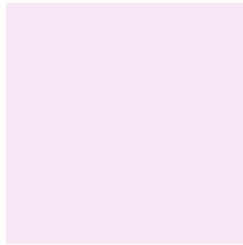
29.1650, 14.0095, 47.7049



2.5633, 1.2313, 4.1928

Previews

White Background



This preview shows how the XYZ color 82.9374, 82.8403, 98.8073 looks on a white background.

Color Contrast Check

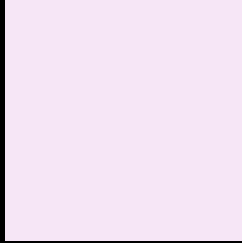
Large Text (above 18pt) WCAG AA × Fail

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 82.9374, 82.8403, 98.8073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

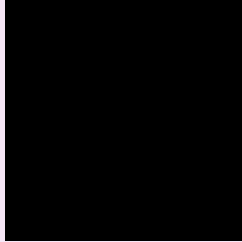
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

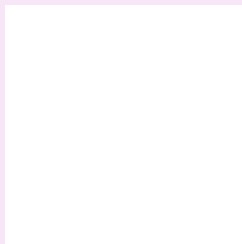
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.9374, 82.8403, 98.8073

Background



This preview shows how black text looks on a background with the XYZ color 82.9374, 82.8403, 98.8073.



This preview shows how white text looks on a background with the XYZ color 82.9374, 82.8403,

98.8073.

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

82.9374, 82.8403, 98.8073

Protanopia

80.3431, 82.7173, 100.5384

Deuteranopia

84.5228, 82.8361, 98.7229



Tritanopia

83.2461, 82.9638, 100.4330

Trichromacy



Original Color

82.9374, 82.8403, 98.8073

Protanomaly

81.2417, 82.7793, 99.6918

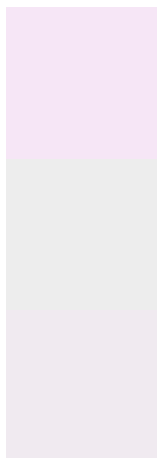
Deuteranomaly

84.0782, 83.0164, 98.7812

Tritanomaly

83.0914, 82.9019, 99.6180

Monochromacy



Original Color

82.9374, 82.8403, 98.8073

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

81.0862, 83.6622, 94.3128

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.9374, 82.8403, 98.8073 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(246, 230, 246) looks like.

```
.text, #text, p{  
    color:rgb(246, 230, 246)  
}
```

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(246, 230, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 230, 246) }
```

Border

The CSS property to change the border of an element to XYZ 82.9374, 82.8403, 98.8073 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(246, 230, 246) }
```


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

```
.border{ border-color:rgb(246, 230, 246) }
```

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

Here you see how a box with a 4 pixel rgb(246, 230, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 230, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 230, 246);  
box-shadow:4px 4px 4px 4px rgb(246, 230,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 82.9374, 82.8403, 98.8073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 230, 246) }
```

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

```
.background{ background-color: rgb(246,  
230, 246) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor