

Converting Colors

XYZ(81.1061, 82.5418, 82.0940)

Have a look what the booklet for
XYZ(81.1061, 82.5418, 82.0940)
contains.

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Color

**XYZ(81.0974, 82.6734,
82.2043)**

Conversions

Conversions Part 1

Format	Color
Hex	F9E7E0
RGB	249, 231, 224
RGB Percent	98%, 91%, 88%
CMY	0.0235, 0.0941, 0.1216
CMYK	0.00, 0.07, 0.10, 0.02
HSL	17°, 68%, 93%
HSV	17°, 10%, 98%
XYZ	81.0974, 82.6734, 82.2043
YIQ	235.5840, 12.9750, 1.6390

Conversions

Conversions Part 2

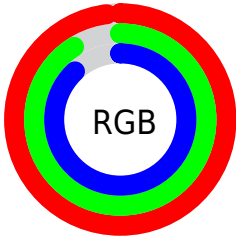
Format	Color
R _Y B	249, 234, 224
Decimal	16377824
CIE Lab	92.87, 4.96, 5.60
CIE LCh	93, 7.479, 48.439
Yxy	82.6734, 0.3297, 0.3361
Android (android.graphics.Color)	4294567904 (0xFFFF9E7E0)
YUV	235.5840, -5.7109, 11.7658
Hunter-Lab	90.9249, 0.0884, 10.0439

Details

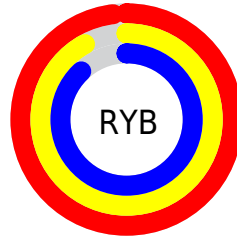
The XYZ color **81.0974, 82.6734, 82.2043** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **79.5912, 86.1896, 102.0648**, and the grayscale version is **79.4481, 83.5856, 91.0247**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.2296, 44.7310, 43.8389** is the 20% darker color. If you saturate the color by 10%, you get **73.2029, 71.8981, 64.1142**, and if you desaturate by 10%, it is **90.0048, 94.6812, 103.0738**.

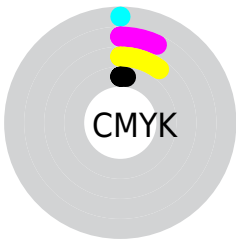
Distribution



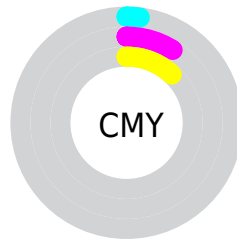
- Red (98%)
- Green (91%)
- Blue (88%)



- Red (98%)
- Yellow (92%)
- Blue (88%)



- Cyan (0%)
- Magenta (7%)
- Yellow (10%)
- Black (2%)





- Cyan (2%)
- Magenta (9%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.0974, 82.6734, 82.2043 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 81.0974, 82.6734, 82.2043 by changing the saturation by 10% instead.


 81.0974, 82.6734,
82.2043

 81.0974, 82.6734,
82.2043


487.3039,
503.8974, 522.2322

 60.9334, 61.9208,
60.9972


133.8500,
137.1179, 138.2997

 44.4237, 44.9687,
43.7923


167.1692,
171.5786, 174.0251

 31.2031, 31.4328,
30.1713


205.6043,
211.3774, 215.4269

 20.9062, 20.9286,
19.7155

249.5205,
256.8988, 262.9237

 13.1675, 13.0718,
12.0064

299.2832,
308.5271, 316.9342

 7.6218, 7.4780,
6.6254

355.2578,

 3.9037, 3.7628,

366.6467, 377.8767

3.1541

417.8095,
431.6420, 446.1698

■ 1.6478, 1.5418,
1.1738

■ 0.4232, 0.3179,
0.0000

■ 81.0974, 82.6734,
82.2043

■ 81.0974, 82.6734,
82.2043

■ 73.2029, 71.8981,
64.1142

■ 90.0048, 94.6812,
103.0738

■ 66.2777, 62.3052,
48.6804

■ 92.8773, 98.8799,
108.7983

■ 60.2849, 53.8567,
35.7781

■ 55.1826, 46.5089,
25.2708

■ 50.9257, 40.2147,
17.0085

■ 47.4644, 34.9239,
10.8246

■ 44.7434, 30.5813,
6.5284

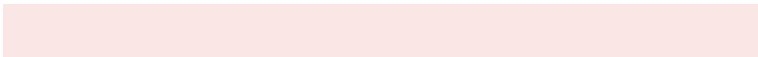
■ 42.6990, 27.1260,
3.8938

■ 41.2428, 24.4909,
2.5535

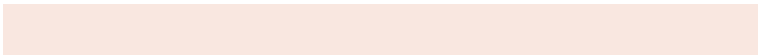
Harmonies

Analogous

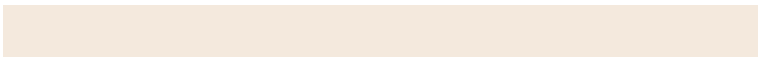
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.1967, 82.6734, 86.6569



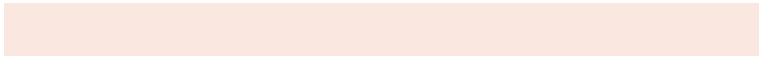
81.0974, 82.6734, 82.2043



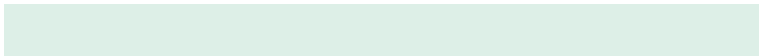
79.3339, 82.6734, 79.8824

Triad

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



81.0974, 82.6734, 82.2043



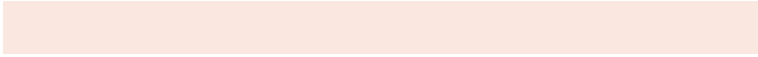
74.9551, 82.6734, 87.8781



79.7728, 82.6734, 100.6149

Complementary

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



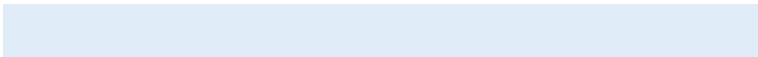
81.0974, 82.6734, 82.2043



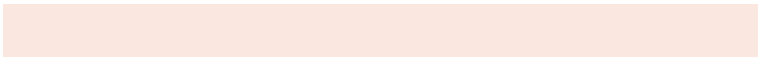
79.5912, 86.1896, 102.0648

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.



77.8281, 82.6734, 100.9751



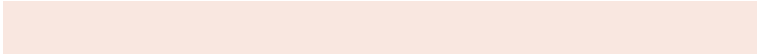
81.0974, 82.6734, 82.2043



75.0682, 82.6734, 93.4634

Square

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



81.0974, 82.6734, 82.2043



75.8009, 82.6734, 83.0663



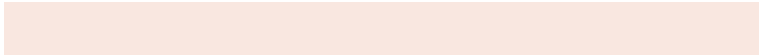
76.1125, 82.6734, 98.3103



81.4233, 82.6734, 97.3456

Rectangle

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



81.0974, 82.6734, 82.2043



78.0286, 82.6734, 79.7884



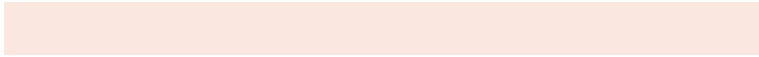
76.1125, 82.6734, 98.3103



79.1312, 82.6734, 101.0850

Sweetspot

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



81.0997, 82.6770, 82.2061



92.1110, 96.0538, 101.9646



81.8008, 79.8831, 95.3757



19.5510, 20.3380, 21.4378



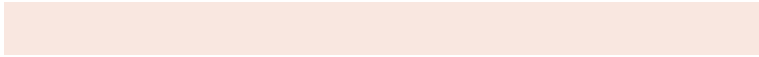
0.0000, 0.0000, 0.0000



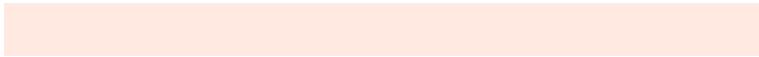
20.3446, 21.4041, 23.3091

Same Dimension

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



81.0997, 82.6770, 82.2061



83.8803, 84.9264, 82.7772



84.6230, 89.7236, 83.3805



17.6405, 18.0168, 18.0102



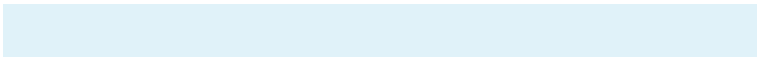
22.1791, 13.3148, 1.4011



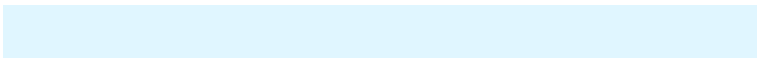
2.1395, 1.4039, 0.1582

Inverse Universe

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



79.5912, 86.1896, 102.0648



82.0003, 89.3026, 107.5230



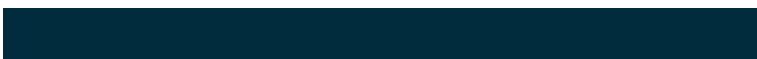
76.0909, 79.1890, 100.8980



17.3307, 18.7382, 22.0887



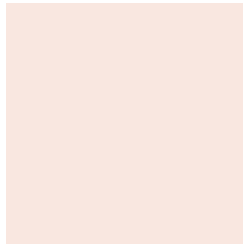
17.9330, 21.2217, 51.1246



1.7504, 2.1444, 4.7648

Previews

White Background



This preview shows how the XYZ color 81.0974, 82.6734, 82.2043 looks on a white background.

Color Contrast Check

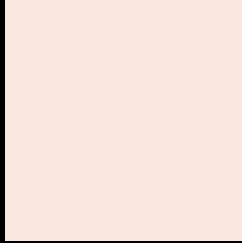
Large Text (above 18pt) WCAG AA × Fail

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 81.0974, 82.6734, 82.2043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

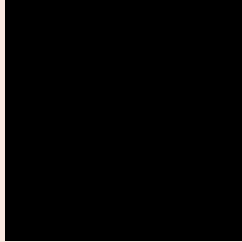
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

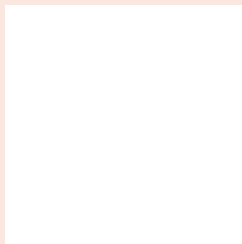
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.0974, 82.6734, 82.2043

Background



This preview shows how black text looks on a background with the XYZ color 81.0974, 82.6734, 82.2043.

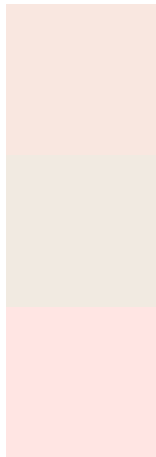


This preview shows how white text looks on a background with the XYZ color 81.0974, 82.6734,

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

81.0974, 82.6734, 82.2043

Protanopia

79.2891, 82.9827, 83.0724

Deuteranopia

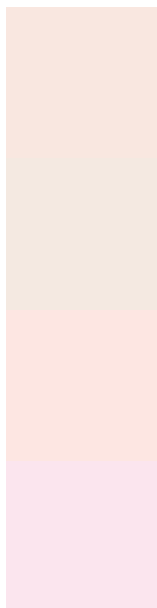
83.1244, 82.8447, 84.2825



Tritanopia

84.5228, 82.8361, 98.7229

Trichromacy



Original Color

81.0974, 82.6734, 82.2043

Protanomaly

80.0377, 82.9472, 83.0261

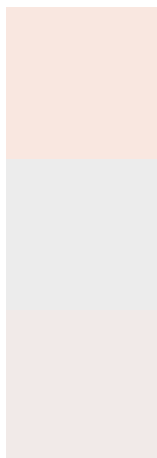
Deuteranomaly

82.5323, 82.9673, 83.6159

Tritanomaly

83.2356, 82.7209, 92.4687

Monochromacy



Original Color

81.0974, 82.6734, 82.2043

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

80.2639, 83.3726, 88.2061

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.0974, 82.6734, 82.2043 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(249, 231, 224) looks like.

```
.text, #text, p{  
    color:rgb(249, 231, 224)  
}
```

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(249, 231, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 231, 224) }
```

Border

The CSS property to change the border of an element to XYZ 81.0974, 82.6734, 82.2043 is called "border". The border property can be set on classes, ids or directly on the HTML element.

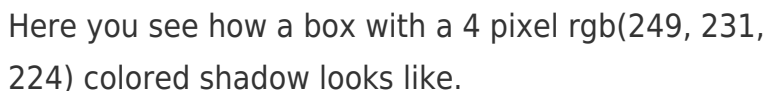
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(249, 231, 224) }
```


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

```
.border{ border-color:rgb(249, 231, 224) }
```

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



Here you see how a box with a 4 pixel `rgb(249, 231, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(249, 231, 224); -webkit-box-shadow:4px 4px 4px 4px rgb(249, 231, 224); box-shadow:4px 4px 4px 4px rgb(249, 231, 224) }
```

Background

The CSS property to change the background color of an element to XYZ 81.0974, 82.6734, 82.2043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 231, 224) }
```

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

```
.background{ background-color: rgb(249,  
231, 224) }
```

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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