

Converting Colors

XYZ(82.5107, 81.3808, 84.8063)

Have a look what the booklet for
XYZ(82.5107, 81.3808, 84.8063)
contains.

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Color

**XYZ(82.4399, 81.2541,
84.7374)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE2E4
RGB	255, 226, 228
RGB Percent	100%, 89%, 89%
CMY	0.0000, 0.1137, 0.1059
CMYK	0.00, 0.11, 0.11, 0.00
HSL	356°, 100%, 94%
HSV	356°, 11%, 100%
XYZ	82.4399, 81.2541, 84.7374
YIQ	234.8990, 16.6420, 6.7700

Conversions

Conversions Part 2

Format	Color
R _Y B	255, 226, 228
Decimal	16769764
CIE Lab	92.24, 10.26, 2.66
CIE LCh	92, 10.605, 14.547
Yxy	81.2541, 0.3318, 0.3271
Android (android.graphics.Color)	4294959844 (0xFFFFE2E4)
YUV	234.8990, -3.4012, 17.6286
Hunter-Lab	90.1411, 5.5031, 7.3630

Details

The XYZ color **82.4399, 81.2541, 84.7374** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **84.8562, 94.7818, 106.7545**, and the grayscale version is **78.9066, 83.0159, 90.4044**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.3944, 44.1487, 45.6642** is the 20% darker color. If you saturate the color by 10%, you get **72.9416, 67.1753, 66.4101**, and if you desaturate by 10%, it is **93.4260, 97.5832, 105.7963**.

Distribution



Red (100%)

Green (89%)

Blue (89%)



Red (100%)

Yellow (89%)

Blue (89%)



Cyan (0%)

Magenta (11%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (11%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.4399, 81.2541, 84.7374 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 82.4399, 81.2541, 84.7374 by changing the saturation by 10% instead.


 82.4399, 81.2541,
84.7374

 82.4399, 81.2541,
84.7374

491.7302,
499.1492, 530.8806

 62.0435, 60.7509,
63.0755


135.7233,
135.1275, 141.8771

 45.3236, 44.0242,
45.4609


169.3411,
169.2665, 178.1921

 31.9148, 30.6895,
31.4750


208.0967,
208.7195, 220.2284

 21.4516, 20.3625,
20.6994

252.3556,
253.8710, 268.4048

 13.5689, 12.6588,
12.7153

302.4830,
305.1053, 323.1396

 7.9011, 7.1940,
7.1044

358.8443,

 4.0830, 3.5838,

362.8069, 384.8515

3.4480

421.8049,
427.3600, 453.9590

■ 1.7492, 1.4436,
1.3277

■ 0.4868, 0.2485,
0.0843

■ 82.4399, 81.2541,
84.7374

■ 82.4399, 81.2541,
84.7374

■ 72.9416, 67.1753,
66.4101

■ 93.4260, 97.5832,
105.7963

■ 64.8616, 55.2385,
50.6975

95.0500, 100.0000,
108.9000

■ 58.1336, 45.3417,
37.4820

■ 52.6836, 37.3709,
26.6349

■ 48.4305, 31.2005,
18.0162

■ 45.2839, 26.6903,
11.4707

■ 43.1405, 23.6792,
6.8237

■ 41.8776, 21.9743,
3.8716

■ 41.3455, 21.3022,
2.4858

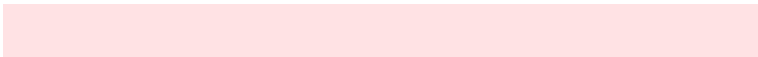
Harmonies

Analogous

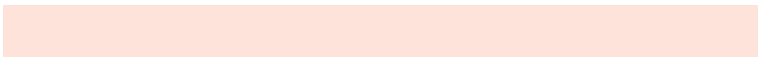
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.4174, 81.2541, 92.5515



82.4399, 81.2541, 84.7374



81.0438, 81.2541, 78.3080

Triad

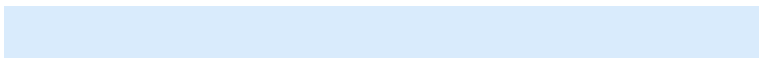
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.4399, 81.2541, 84.7374



73.5939, 81.2541, 78.1529



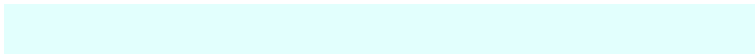
75.8349, 81.2541, 103.8194

Complementary

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



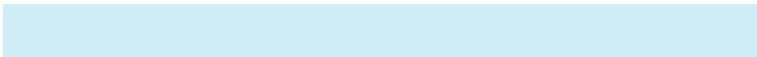
82.4399, 81.2541, 84.7374



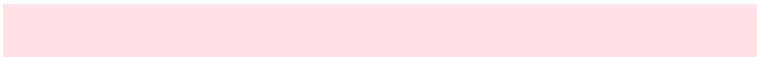
84.8562, 94.7818, 106.7545

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.



73.5370, 81.2541, 99.4792



82.4399, 81.2541, 84.7374



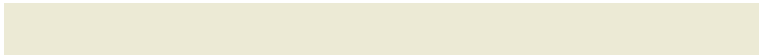
72.2642, 81.2541, 84.5140

Square

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



82.4399, 81.2541, 84.7374



75.9144, 81.2541, 74.6617



72.2436, 81.2541, 92.3145



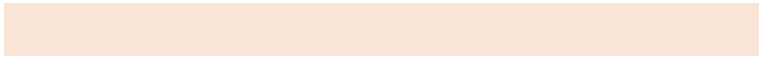
78.5599, 81.2541, 103.8880

Rectangle

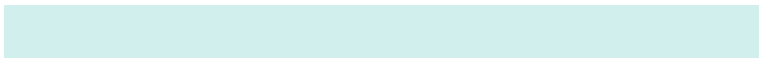
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



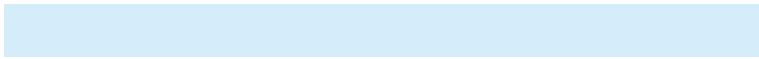
82.4399, 81.2541, 84.7374



79.5150, 81.2541, 75.5406



72.2436, 81.2541, 92.3145



74.9884, 81.2541, 102.8007

Sweetspot

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



82.4418, 81.2575, 84.7391



91.5320, 94.7655, 102.1739



85.6047, 82.4206, 106.0047



19.3954, 19.9919, 21.4938



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

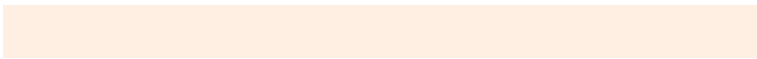
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.4418, 81.2575, 84.7391



79.8021, 77.3406, 79.6590



85.5681, 87.9510, 84.4221



18.0601, 18.0073, 18.9335



21.6225, 11.1383, 1.3966



2.1222, 1.0912, 0.2248

Inverse Universe

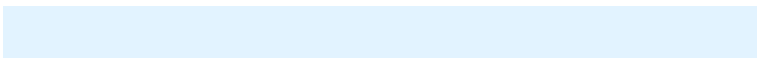
The Inverse Universe completely reimagines the original color for something new.



82.4418, 81.2575, 84.7391



79.8021, 77.3406, 79.6590



81.4423, 87.4425, 107.1934



18.0601, 18.0073, 18.9335



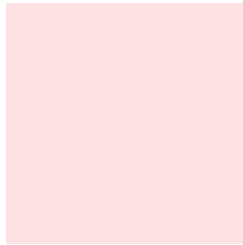
21.6225, 11.1383, 1.3966



2.1222, 1.0912, 0.2248

Previews

White Background



This preview shows how the XYZ color 82.4399, 81.2541, 84.7374 looks on a white background.

Color Contrast Check

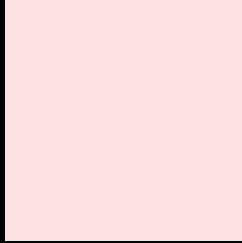
Large Text (above 18pt) WCAG AA × Fail

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 82.4399, 81.2541, 84.7374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

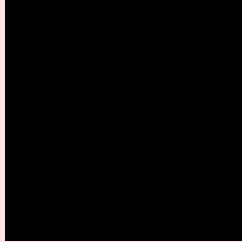
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

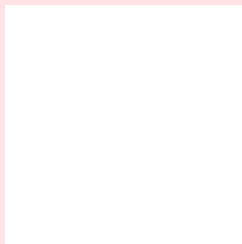
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.4399, 81.2541, 84.7374

Background



This preview shows how black text looks on a background with the XYZ color 82.4399, 81.2541, 84.7374.



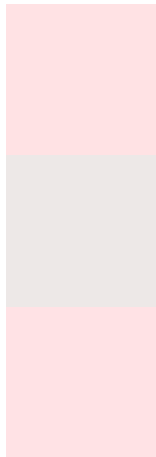
This preview shows how white text looks on a background with the XYZ color 82.4399, 81.2541,

84.7374.

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

82.4399, 81.2541, 84.7374

Protanopia

78.2055, 81.4873, 87.2081

Deuteranopia

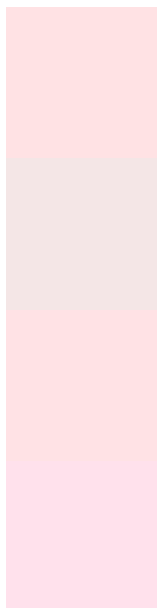
82.5792, 81.3099, 85.4707



Tritanopia

84.0424, 81.4613, 94.5132

Trichromacy



Original Color

82.4399, 81.2541, 84.7374

Protanomaly

79.8880, 81.5399, 86.3911

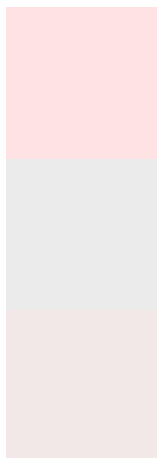
Deuteranomaly

82.5792, 81.3099, 85.4707

Tritanomaly

83.3055, 81.1666, 90.6329

Monochromacy



Original Color

82.4399, 81.2541, 84.7374

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

80.0401, 82.4167, 88.0334

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.4399, 81.2541, 84.7374 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(255, 226, 228) looks like.

```
.text, #text, p{  
    color:rgb(255, 226, 228)  
}
```

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(255, 226, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 226, 228) }
```

Border

The CSS property to change the border of an element to XYZ 82.4399, 81.2541, 84.7374 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(255, 226, 228) }
```


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

```
.border{ border-color:rgb(255, 226, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 226, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 226, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 226, 228);  
box-shadow:4px 4px 4px 4px rgb(255, 226,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 82.4399, 81.2541, 84.7374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 226, 228) }
```

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

```
.background{ background-color: rgb(255,  
226, 228) }
```

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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