

Converting Colors

XYZ(83.7546, 82.4774, 89.5104)

Have a look what the booklet for
XYZ(83.7546, 82.4774, 89.5104)
contains.

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Color

**XYZ(83.8347, 82.6873,
89.3836)**

Conversions

Conversions Part 1	
Format	Color
Hex	FFE4EA
RGB	255, 228, 234
RGB Percent	100%, 89%, 92%
CMY	0.0000, 0.1059, 0.0823
CMYK	0.00, 0.11, 0.08, 0.00
HSL	347°, 100%, 95%
HSV	347°, 11%, 100%
XYZ	83.8347, 82.6873, 89.3836
YIQ	236.7570, 14.1660, 7.5900

Conversions

Conversions Part 2

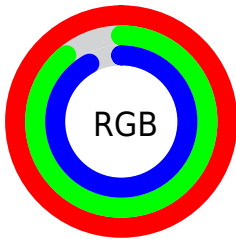
Format	Color
RYB	255, 228, 234
Decimal	16770282
CIELab	92.88, 10.21, 0.45
CIELCh	93, 10.222, 2.534
Yxy	82.6873, 0.3276, 0.3231
Android (android.graphics.Color)	4294960362 (0xFFFFE4EA)
YUV	236.7570, -1.3592, 15.9991
Hunter-Lab	90.9326, 5.4350, 5.3727

Details

The XYZ color 83.8347, 82.6873, 89.3836 is a light color, and the websafe version is hex FFCCCC. A complement of this color would be 84.8564, 94.8548, 103.4625, and the grayscale version is 80.3136, 84.4961, 92.0163.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 46.2682, 45.1073, 48.3875 is the 20% darker color. If you saturate the color by 10%, you get 74.6382, 68.6024, 73.0369, and if you desaturate by 10%, it is 94.3887, 98.9758, 107.7592.

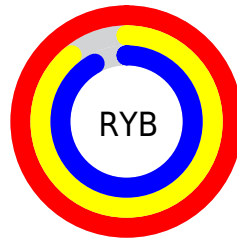
Distribution



Red (100%)

Green (89%)

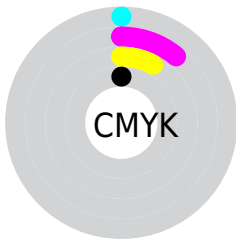
Blue (92%)



Red (100%)

Yellow (89%)

Blue (92%)

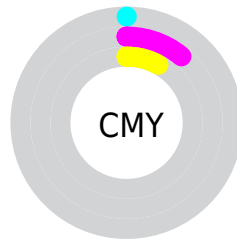


Cyan (0%)

Magenta (11%)

Yellow (8%)

Black (0%)



Cyan (0%)


Magenta (11%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.8347, 82.6873, 89.3836 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 83.8347, 82.6873, 89.3836 by changing the saturation by 10% instead.


 83.8347, 82.6873,
89.3836

 83.8347, 82.6873,
89.3836


496.3061,
503.9438, 546.5420

 63.1982, 61.9322,
66.8987


137.6664,
137.1374, 148.4099

 46.2608, 44.9779,
48.5412


171.5923,
171.6012, 185.7884

 32.6572, 31.4400,
33.8927


210.6787,
211.4034, 228.9685

 22.0219, 20.9342,
22.5345

255.2910,
256.9284, 278.3687

 13.9897, 13.0759,
14.0481

305.7946,
308.5605, 334.4077

 8.1952, 7.4808,
8.0150

362.5547,


 4.2729, 3.7646,


366.6842, 397.5038


4.0166


425.9367,
431.6838, 468.0757

 1.8577, 1.5428,
1.6345


 0.5521, 0.3185,
0.3152

 83.8347, 82.6873,
89.3836


 83.8347, 82.6873,
89.3836


 74.6382, 68.6024,
73.0369

94.3887, 98.9758,
107.7592

 66.7379, 56.6165,
58.6436

95.0500, 100.0000,
108.9000

 60.0764, 46.6317,
46.1313

 54.5892, 38.5383,
35.4209

■ 50.2064, 32.2159,
26.4276

■ 46.8501, 27.5304,
19.0596

■ 44.4319, 24.3281,
13.2158

■ 42.8475, 22.4258,
8.7830

■ 41.9695, 21.5518,
5.7716

Harmonies

Analogous

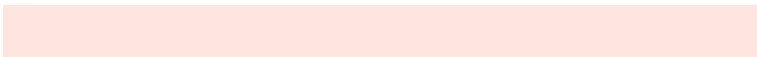
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.2371, 82.6873, 96.9876



83.8347, 82.6873, 89.3836



83.0013, 82.6873, 82.3519

Triad

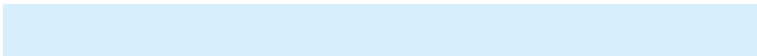
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.8347, 82.6873, 89.3836



75.8621, 82.6873, 78.1934



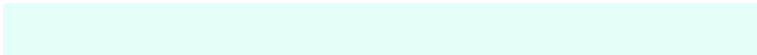
76.2470, 82.6873, 103.7230

Complementary

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



83.8347, 82.6873, 89.3836



84.8564, 94.8548, 103.4625

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.



74.3413, 82.6873, 98.1762



83.8347, 82.6873, 89.3836



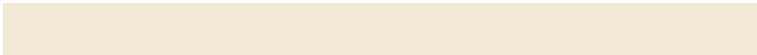
74.1226, 82.6873, 83.4180

Square

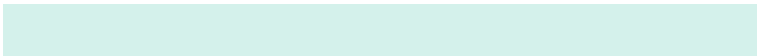
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.8347, 82.6873, 89.3836



78.3649, 82.6873, 76.1240



73.5722, 82.6873, 90.6844



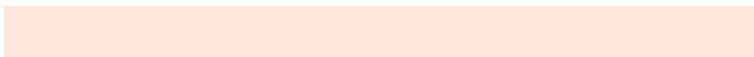
78.8191, 82.6873, 105.5395

Rectangle

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



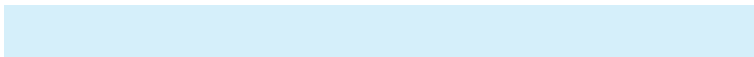
83.8347, 82.6873, 89.3836



81.7572, 82.6873, 78.8560



73.5722, 82.6873, 90.6844



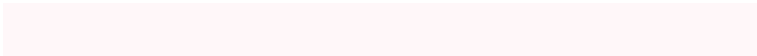
75.5092, 82.6873, 102.2180

Sweetspot

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



83.8366, 82.6907, 89.3853



91.7145, 94.8384, 103.1345



84.7556, 82.7950, 106.1217



19.4444, 20.0115, 21.7520



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

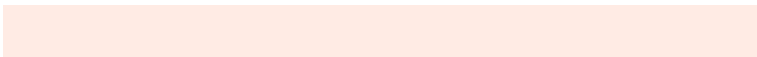
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.8366, 82.6907, 89.3853



81.4941, 79.0919, 85.2558



85.0113, 86.3955, 85.5986



18.1745, 18.0531, 19.5363



21.9753, 11.2794, 3.2546



2.1785, 1.1138, 0.5213

Inverse Universe

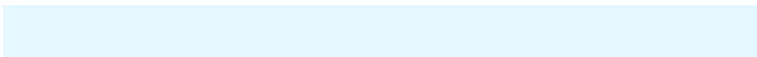
The Inverse Universe completely reimagines the original color for something new.



83.8366, 82.6907, 89.3853



81.4941, 79.0919, 85.2558



83.5532, 90.7278, 107.7162



18.1745, 18.0531, 19.5363



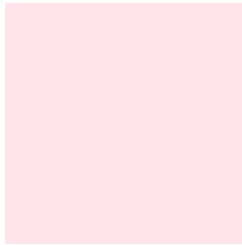
21.9753, 11.2794, 3.2546



2.1785, 1.1138, 0.5213

Previews

White Background



This preview shows how the XYZ color 83.8347, 82.6873, 89.3836 looks on a white background.

Color Contrast Check

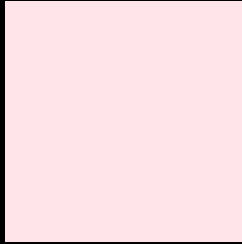
Large Text (above 18pt) WCAG AA × Fail

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 83.8347, 82.6873, 89.3836 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

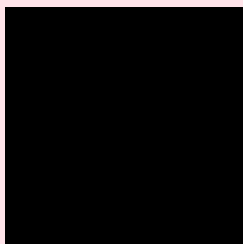
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 83.8347, 82.6873, 89.3836

Background



This preview shows how black text looks on a background with the XYZ color 83.8347, 82.6873, 89.3836.

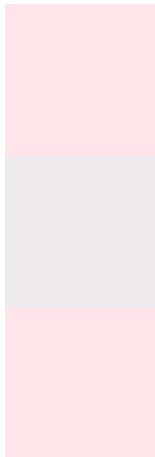


This preview shows how white text looks on a background with the XYZ color 83.8347, 82.6873,

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

83.8347, 82.6873, 89.3836

Protanopia

79.6849, 82.5694, 91.8584

Deuteranopia

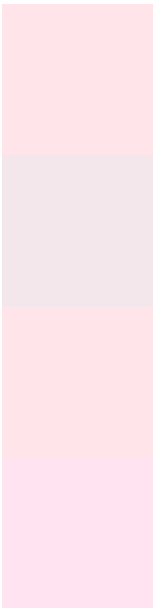
83.8347, 82.6873, 89.3836



Tritanopia

85.0382, 82.7298, 97.0744

Trichromacy



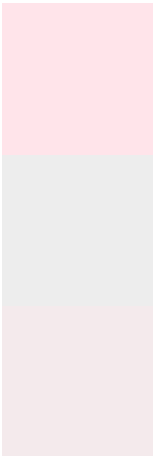
Original Color
83.8347, 82.6873, 89.3836

Protanomaly
81.0245, 82.4411, 90.9991

Deuteranomaly
83.8347, 82.6873, 89.3836

Tritanomaly
84.4373, 82.4894, 93.9098

Monochromacy



Original Color
83.8347, 82.6873, 89.3836

Achromatopsia
80.4953, 84.6873, 92.2245

Achromatomaly
81.8714, 84.1349, 91.2814

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.8347, 82.6873, 89.3836 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, 228, 234) looks like.

```
.text, #text, p{  
    color:rgb(255, 228, 234)  
}
```

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, 228, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 228, 234) }
```

Border

The CSS property to change the border of an element to XYZ 83.8347, 82.6873, 89.3836 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, 228, 234) }
```


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

```
.border{ border-color:rgb(255, 228, 234) }
```

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

Here you see how a box with a 4 pixel rgb(255, 228, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 228, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 228, 234);  
box-shadow:4px 4px 4px 4px rgb(255, 228,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 83.8347, 82.6873, 89.3836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 228, 234) }
```

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

```
.background{ background-color: rgb(255,  
228, 234) }
```

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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