

Converting Colors

XYZ(83.4974, 82.1459, 88.8604)

Have a look what the booklet for
XYZ(83.4974, 82.1459, 88.8604)
contains.

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Color

**XYZ(83.4171, 82.0814,
88.5375)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE3E9
RGB	255, 227, 233
RGB Percent	100%, 89%, 91%
CMY	0.0000, 0.1098, 0.0863
CMYK	0.00, 0.11, 0.09, 0.00
HSL	347°, 100%, 95%
HSV	347°, 11%, 100%
XYZ	83.4171, 82.0814, 88.5375
YIQ	236.0560, 14.7620, 7.8020

Conversions

Conversions Part 2

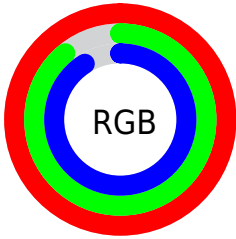
Format	Color
R_{YB}	255, 227, 233
Decimal	16770025
CIE _{Lab}	92.61, 10.56, 0.59
CIE _{LCh}	93, 10.580, 3.171
Yxy	82.0814, 0.3284, 0.3231
Android (android.graphics.Color)	4294960105 (0xFFFFE3E9)
YUV	236.0560, -1.5066, 16.6139
Hunter-Lab	90.5988, 5.8026, 5.4781

Details

The XYZ color **83.4171, 82.0814, 88.5375** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **84.5401, 94.6917, 103.4479**, and the grayscale version is **79.7766, 83.9312, 91.4011**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.9770, 44.6851, 47.7968** is the 20% darker color. If you saturate the color by 10%, you get **74.2503, 68.0718, 72.1518**, and if you desaturate by 10%, it is **93.9456, 98.2935, 106.9832**.

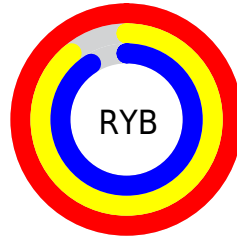
Distribution



Red (100%)

Green (89%)

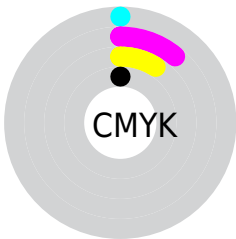
Blue (91%)



Red (100%)

Yellow (89%)

Blue (91%)

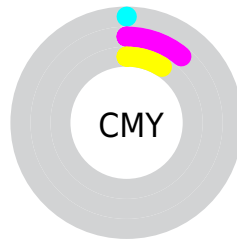


Cyan (0%)

Magenta (11%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (11%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.4171, 82.0814, 88.5375 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 83.4171, 82.0814, 88.5375 by changing the saturation by 10% instead.


 83.4171, 82.0814,
88.5375

 83.4171, 82.0814,
88.5375


494.9385,
501.9199, 543.7087

 62.8524, 61.4326,
66.2014


137.0850,
136.2881, 147.2230

 45.9800, 44.5744,
47.9784


170.9189,
170.6149, 184.4094

 32.4346, 31.1223,
33.4499


209.9065,
210.2698, 227.3831

 21.8508, 20.6920,
22.1974

254.4132,
255.6372, 276.5625

 13.8633, 12.8991,
13.8023

304.8044,
307.1015, 332.3663

 8.1067, 7.3591,
7.8461

361.4455,

 4.2157, 3.6877,

365.0472, 395.2129

3.9103

424.7017,
429.8585, 465.5208

■ 1.8249, 1.5004,
1.5763

■ 0.5326, 0.2890,
0.2738

■ 83.4171, 82.0814,
88.5375

■ 83.4171, 82.0814,
88.5375

■ 74.2503, 68.0718,
72.1518

■ 93.9456, 98.2935,
106.9832

■ 66.3837, 56.1599,
57.7489

■ 95.0500, 100.0000,
108.9000

■ 59.7590, 46.2473,
45.2541

■ 54.3115, 38.2236,
34.5861

■ 49.9703, 31.9680,
25.6576

■ 46.6569, 27.3454,
18.3739

■ 44.2816, 24.2011,
12.6309

■ 42.7389, 22.3500,
8.3113

■ 41.9204, 21.5321,
5.5127

Harmonies

Analogous

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



82.8316, 82.0814, 96.3853



83.4171, 82.0814, 88.5375



82.5275, 82.0814, 81.3383

Triad

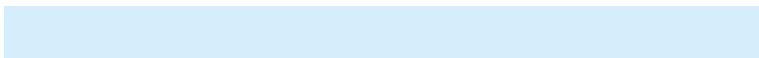
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.4171, 82.0814, 88.5375



75.1576, 82.0814, 77.2833



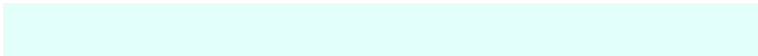
75.6530, 82.0814, 103.5830

Complementary

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



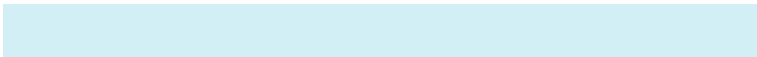
83.4171, 82.0814, 88.5375



84.5401, 94.6917, 103.4479

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.



73.6718, 82.0814, 97.9195



83.4171, 82.0814, 88.5375



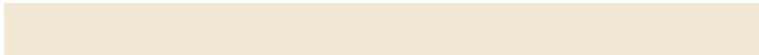
73.3906, 82.0814, 82.7087

Square

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



83.4171, 82.0814, 88.5375



77.7237, 82.0814, 75.0851



72.8530, 82.0814, 90.2131



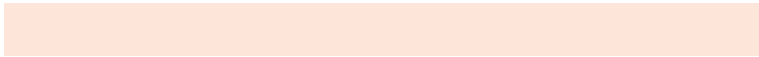
78.3088, 82.0814, 105.3667

Rectangle

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



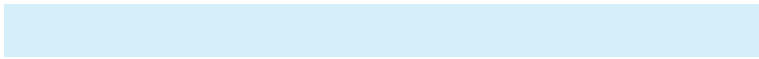
83.4171, 82.0814, 88.5375



81.2296, 82.0814, 77.7880



72.8530, 82.0814, 90.2131



74.8881, 82.0814, 102.0540

Sweetspot

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



83.4189, 82.0848, 88.5392



91.7050, 94.8346, 103.0846



84.5644, 82.2892, 106.0341



19.4419, 20.0104, 21.7386



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

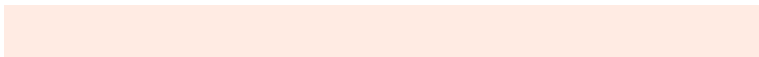
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.4189, 82.0848, 88.5392



81.4573, 79.0772, 85.0621



84.7965, 86.1874, 84.8440



18.1685, 18.0507, 19.5047



21.9483, 11.2686, 3.1124



2.1751, 1.1124, 0.5033

Inverse Universe

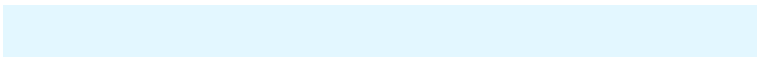
The Inverse Universe completely reimagines the original color for something new.



83.4189, 82.0848, 88.5392



81.4573, 79.0772, 85.0621



83.0122, 90.1152, 107.6265



18.1685, 18.0507, 19.5047



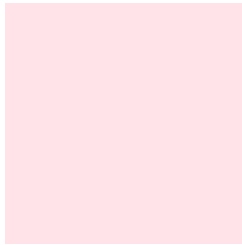
21.9483, 11.2686, 3.1124



2.1751, 1.1124, 0.5033

Previews

White Background



This preview shows how the XYZ color 83.4171, 82.0814, 88.5375 looks on a white background.

Color Contrast Check

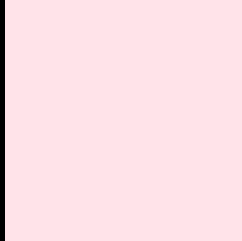
Large Text (above 18pt) WCAG AA × Fail

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 83.4171, 82.0814, 88.5375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

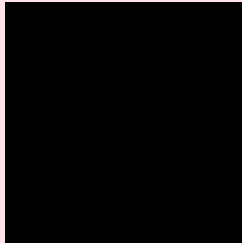
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 83.4171, 82.0814, 88.5375

Background



This preview shows how black text looks on a background with the XYZ color 83.4171, 82.0814, 88.5375.



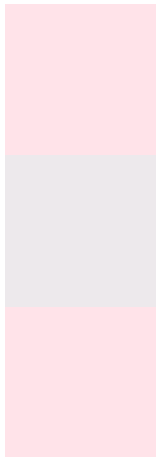
This preview shows how white text looks on a background with the XYZ color 83.4171, 82.0814,

88.5375.

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

83.4171, 82.0814, 88.5375

Protanopia

79.2043, 82.3385, 91.0753

Deuteranopia

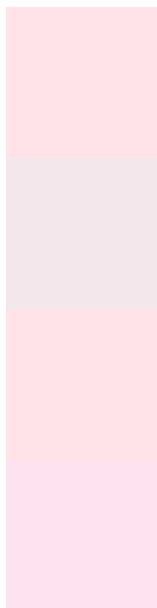
83.4171, 82.0814, 88.5375



Tritanopia

84.4634, 82.0635, 95.3925

Trichromacy



Original Color

83.4171, 82.0814, 88.5375

Protanomaly

80.8795, 82.3831, 90.2360

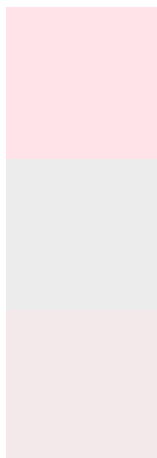
Deuteranomaly

83.4171, 82.0814, 88.5375

Tritanomaly

84.0163, 81.8847, 93.0385

Monochromacy



Original Color

83.4171, 82.0814, 88.5375

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

81.0965, 83.3307, 90.4074

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.4171, 82.0814, 88.5375 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, 227, 233)` looks like.

```
.text, #text, p{  
    color:rgb(255, 227, 233)  
}
```

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, 227, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 227, 233) }
```

Border

The CSS property to change the border of an element to XYZ 83.4171, 82.0814, 88.5375 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, 227, 233) }
```


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

```
.border{ border-color:rgb(255, 227, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 227, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 227, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 227, 233);  
box-shadow:4px 4px 4px 4px rgb(255, 227,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 83.4171, 82.0814, 88.5375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 227, 233) }
```

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

```
.background{ background-color: rgb(255,  
227, 233) }
```

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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