

Converting Colors

XYZ(105.4130, 94.0272,
87.8799)

Have a look what the booklet for
XYZ(105.4130, 94.0272, 87.8799)
contains.

XYZ(83.4072, 82.5163, 87.1325)	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(83.4072, 82.5163,
87.1325)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE4E7
RGB	255, 228, 231
RGB Percent	100%, 89%, 91%
CMY	0.0000, 0.1059, 0.0941
CMYK	0.00, 0.11, 0.09, 0.00
HSL	353°, 100%, 95%
HSV	353°, 11%, 100%
XYZ	83.4072, 82.5163, 87.1325
YIQ	236.4150, 15.1290, 6.6570

Conversions

Conversions Part 2

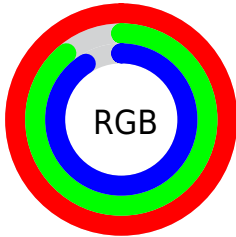
Format	Color
R_{YB}	255, 228, 231
Decimal	16770279
CIE Lab	92.80, 9.72, 1.91
CIE LCh	93, 9.905, 11.107
Yxy	82.5163, 0.3296, 0.3261
Android (android.graphics.Color)	4294960359 (0xFFFFE4E7)
YUV	236.4150, -2.6696, 16.2990
Hunter-Lab	90.8385, 4.9300, 6.7158

Details

The XYZ color **83.4072, 82.5163, 87.1325** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **85.3282, 95.0435, 105.9471**, and the grayscale version is **80.0602, 84.2295, 91.7260**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.9701, 44.9881, 46.8181** is the 20% darker color. If you saturate the color by 10%, you get **73.9054, 68.3093, 69.1783**, and if you desaturate by 10%, it is **94.3621, 98.9652, 107.6194**.

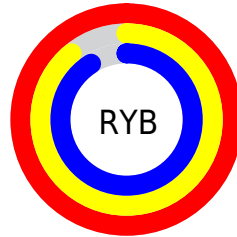
Distribution



Red (100%)

Green (89%)

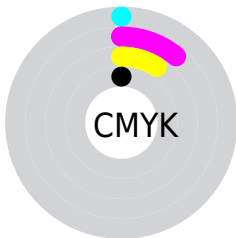
Blue (91%)



Red (100%)

Yellow (89%)

Blue (91%)

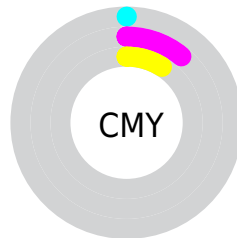


Cyan (0%)

Magenta (11%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (11%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.4072, 82.5163, 87.1325 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 83.4072, 82.5163, 87.1325 by changing the saturation by 10% instead.


 83.4072, 82.5163,
87.1325

 83.4072, 82.5163,
87.1325


494.9060,
503.3731, 538.9857

 62.8442, 61.7912,
65.0446


137.0712,
136.8978, 145.2493

 45.9733, 44.8640,
47.0457

170.9029,
171.3230, 182.1153

 32.4293, 31.3503,
32.7172


209.8882,
211.0836, 224.7444

 21.8468, 20.8658,
21.6405

254.3924,
256.5642, 273.5552

 13.8603, 13.0259,
13.3972

304.7810,
308.1490, 328.9662

 8.1046, 7.4464,
7.5687

361.4192,

 4.2143, 3.7428,

366.2225, 391.3959

3.7364

424.6724,
431.1690, 461.2629

■ 1.8241, 1.5308,
1.4819

■ 0.5321, 0.3102,
0.2044

■ 83.4072, 82.5163,
87.1325

■ 83.4072, 82.5163,
87.1325

■ 73.9054, 68.3093,
69.1783

94.3621, 98.9652,
107.6194

■ 65.7903, 56.2374,
53.6531

95.0500, 100.0000,
108.9000

■ 58.9983, 46.2005,
40.4541

■ 53.4589, 38.0862,
29.4689

■ 49.0951, 31.7714,
20.5757

■ 45.8211, 27.1188,
13.6412

■ 43.5394, 23.9711,
8.5162

■ 42.1347, 22.1407,
5.0299

■ 41.4532, 21.3453,
3.0526

Harmonies

Analogous

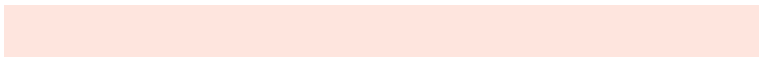
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.2254, 82.5163, 94.5337



83.4072, 82.5163, 87.1325



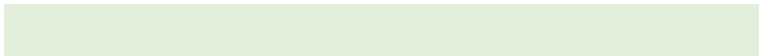
82.2334, 82.5163, 80.8105

Triad

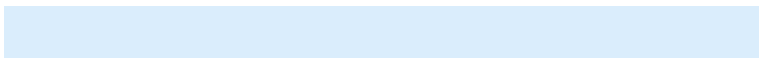
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.4072, 82.5163, 87.1325



75.2073, 82.5163, 79.5439



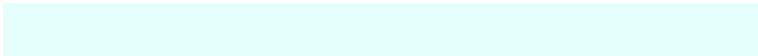
76.8312, 82.5163, 103.9949

Complementary

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



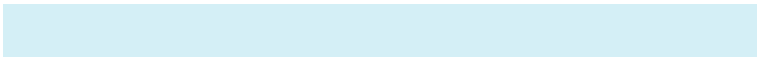
83.4072, 82.5163, 87.1325



85.3282, 95.0435, 105.9471

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.



74.7443, 82.5163, 99.5315



83.4072, 82.5163, 87.1325



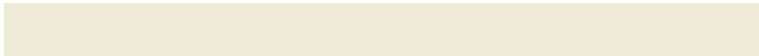
73.8211, 82.5163, 85.3163

Square

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



83.4072, 82.5163, 87.1325



77.4759, 82.5163, 76.5923



73.6534, 82.5163, 92.6157



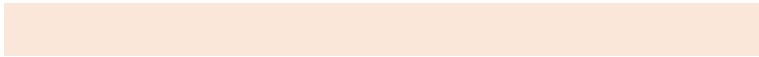
79.3904, 82.5163, 104.5473

Rectangle

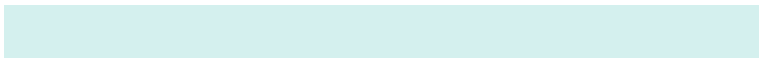
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



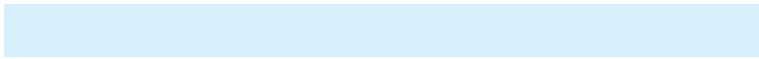
83.4072, 82.5163, 87.1325



80.8549, 82.5163, 77.9533



73.6534, 82.5163, 92.6157



76.0526, 82.5163, 102.8911

Sweetspot

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



83.4091, 82.5197, 87.1342



91.5821, 94.7855, 102.4374



85.8859, 83.3777, 106.1746



19.4088, 19.9972, 21.5646



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

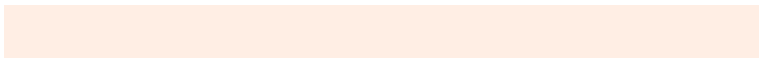
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.4091, 82.5197, 87.1342



80.9843, 78.8881, 82.5715



85.9220, 88.2170, 85.9022



18.0913, 18.0198, 19.0980



21.6862, 11.1638, 1.7322



2.1369, 1.0971, 0.3023

Inverse Universe

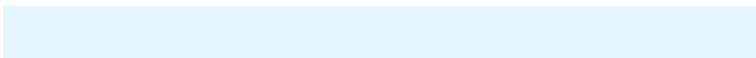
The Inverse Universe completely reimagines the original color for something new.



83.4091, 82.5197, 87.1342



80.9843, 78.8881, 82.5715



82.5941, 88.8096, 107.3965



18.0913, 18.0198, 19.0980



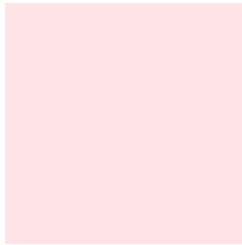
21.6862, 11.1638, 1.7322



2.1369, 1.0971, 0.3023

Previews

White Background



This preview shows how the XYZ color 83.4072, 82.5163, 87.1325 looks on a white background.

Color Contrast Check

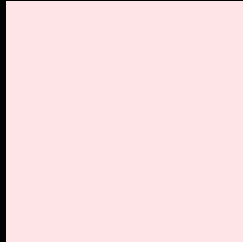
Large Text (above 18pt) WCAG AA × Fail

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 83.4072, 82.5163, 87.1325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

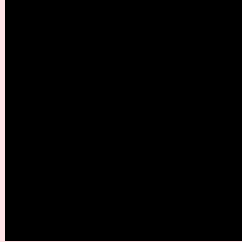
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

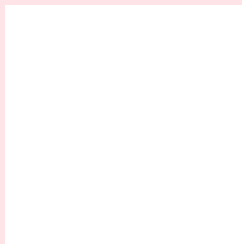
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.4072, 82.5163, 87.1325

Background



This preview shows how black text looks on a background with the XYZ color 83.4072, 82.5163, 87.1325.



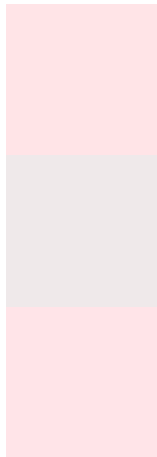
This preview shows how white text looks on a background with the XYZ color 83.4072, 82.5163,

87.1325.

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

83.4072, 82.5163, 87.1325

Protanopia

79.5868, 82.5691, 89.5847

Deuteranopia

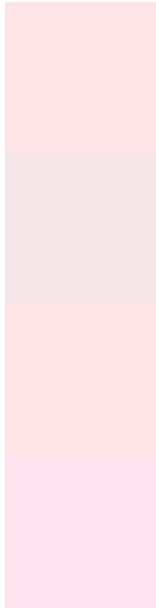
83.5489, 82.5730, 87.8786



Tritanopia

84.8867, 82.6692, 96.2768

Trichromacy



Original Color

83.4072, 82.5163, 87.1325

Protanomaly

80.9401, 82.4475, 88.7388

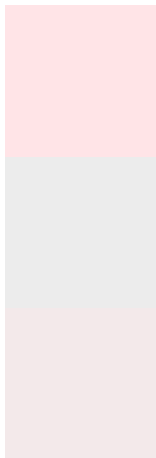
Deuteranomaly

83.5489, 82.5730, 87.8786

Tritanomaly

84.2891, 82.4302, 93.1295

Monochromacy



Original Color

83.4072, 82.5163, 87.1325

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

80.9523, 83.2730, 89.6486

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.4072, 82.5163, 87.1325 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, 231) looks like.

```
.text, #text, p{  
    color:rgb(255, 228, 231)  
}
```

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, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 228, 231) }
```

Border

The CSS property to change the border of an element to XYZ 83.4072, 82.5163, 87.1325 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, 231) }
```


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

```
.border{ border-color:rgb(255, 228, 231) }
```

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, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 228, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 228, 231);  
box-shadow:4px 4px 4px 4px rgb(255, 228,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 83.4072, 82.5163, 87.1325 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, 231) }
```

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

```
.background{ background-color: rgb(255,  
228, 231) }
```

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