

Converting Colors

XYZ(83.2192, 82.4431, 86.1361)

Have a look what the booklet for
XYZ(83.2192, 82.4431, 86.1361)
contains.

XYZ(83.2663, 82.4600, 86.3907)	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(83.2663, 82.4600,
86.3907)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE4E6
RGB	255, 228, 230
RGB Percent	100%, 89%, 90%
CMY	0.0000, 0.1059, 0.0980
CMYK	0.00, 0.11, 0.10, 0.00
HSL	356°, 100%, 95%
HSV	356°, 11%, 100%
XYZ	83.2663, 82.4600, 86.3907
YIQ	236.3010, 15.4500, 6.3460

Conversions

Conversions Part 2

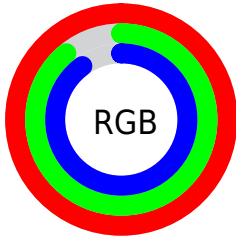
Format	Color
R _Y B	255, 228, 230
Decimal	16770278
CIE Lab	92.78, 9.56, 2.39
CIE LCh	93, 9.851, 14.063
Yxy	82.4600, 0.3303, 0.3271
Android (android.graphics.Color)	4294960358 (0xFFFFE4E6)
YUV	236.3010, -3.1064, 16.3990
Hunter-Lab	90.8075, 4.7632, 7.1591

Details

The XYZ color **83.2663, 82.4600, 86.3907** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **85.4872, 95.1071, 106.7841**, and the grayscale version is **79.9759, 84.1409, 91.6294**.

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 **73.6671, 68.2140, 67.9231**, and if you desaturate by 10%, it is **94.3533, 98.9618, 107.5729**.

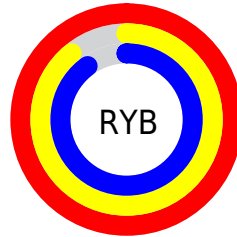
Distribution



Red (100%)

Green (89%)

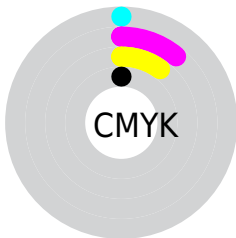
Blue (90%)



Red (100%)

Yellow (89%)

Blue (90%)

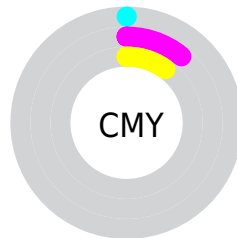


Cyan (0%)

Magenta (11%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (11%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.2663, 82.4600, 86.3907 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 83.2663, 82.4600, 86.3907 by changing the saturation by 10% instead.


 83.2663, 82.4600,
86.3907

 83.2663, 82.4600,
86.3907


494.4441,
503.1851, 536.4827

 62.7275, 61.7448,
64.4344


136.8750,
136.8189, 144.2059

 45.8786, 44.8265,
46.5541

170.6755,
171.2313, 180.9019

 32.3543, 31.3208,
32.3315


209.6275,
210.9783, 223.3482

 21.7891, 20.8432,
21.3479

254.0960,
256.4442, 271.9633

 13.8177, 13.0095,
13.1848

304.4466,
308.0135, 327.1657

 8.0749, 7.4351,
7.4237

361.0446,

 4.1951, 3.7356,

366.0704, 389.3741

3.6460

424.2553,
430.9995, 459.0069

■ 1.8131, 1.5268,
1.4332

■ 0.5255, 0.3075,
0.1674

■ 83.2663, 82.4600,
86.3907

■ 83.2663, 82.4600,
86.3907

■ 73.6671, 68.2140,
67.9231

94.3533, 98.9618,
107.5729

■ 65.4869, 56.1161,
52.0552

95.0500, 100.0000,
108.9000

■ 58.6599, 46.0651,
38.6720

■ 53.1131, 37.9479,
27.6475

■ 48.7664, 31.6400,
18.8447

■ 45.5309, 27.0028,
12.1127

■ 43.3050, 23.8774,
7.2815

■ 41.9684, 22.0742,
4.1541

■ 41.3563, 21.3065,
2.5423

Harmonies

Analogous

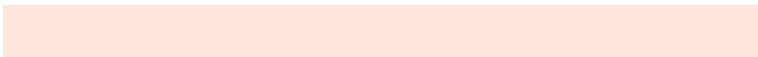
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.2228, 82.4600, 93.7262



83.2663, 82.4600, 86.3907



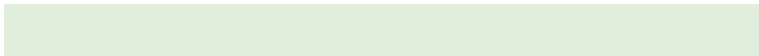
81.9796, 82.4600, 80.3004

Triad

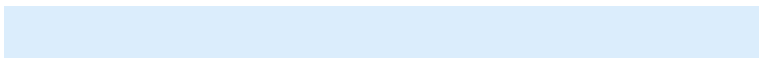
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.2663, 82.4600, 86.3907



74.9900, 82.4600, 79.9970



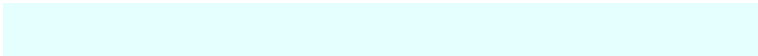
77.0271, 82.4600, 104.0884

Complementary

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



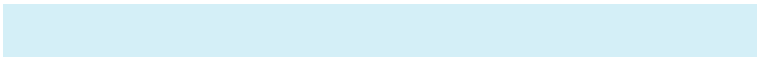
83.2663, 82.4600, 86.3907



85.4872, 95.1071, 106.7841

Split Complementary

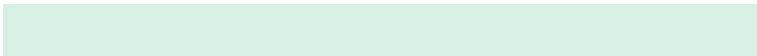
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.8791, 82.4600, 99.9883



83.2663, 82.4600, 86.3907



73.7207, 82.4600, 85.9557

Square

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



83.2663, 82.4600, 86.3907



77.1815, 82.4600, 76.7478



73.6806, 82.4600, 93.2669



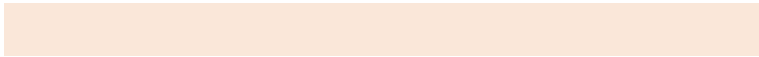
79.5823, 82.4600, 104.2206

Rectangle

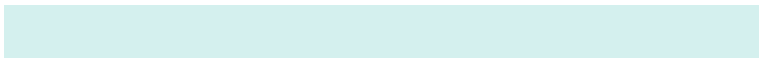
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



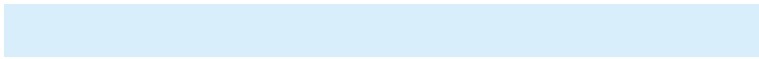
83.2663, 82.4600, 86.3907



80.5565, 82.4600, 77.6530



73.6806, 82.4600, 93.2669



76.2348, 82.4600, 103.1188

Sweetspot

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



83.2683, 82.4635, 86.3924



91.5381, 94.7679, 102.2057



86.2123, 83.5460, 106.1899



19.3970, 19.9925, 21.5024



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

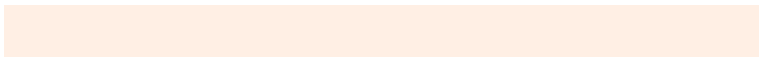
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.2683, 82.4635, 86.3924



80.8168, 78.8210, 81.6894



86.1852, 88.7434, 85.9900



18.0638, 18.0089, 18.9534



21.6290, 11.1409, 1.4308



2.1239, 1.0920, 0.2342

Inverse Universe

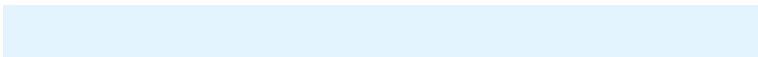
The Inverse Universe completely reimagines the original color for something new.



83.2683, 82.4635, 86.3924



80.8168, 78.8210, 81.6894



82.3231, 88.2675, 107.3062



18.0638, 18.0089, 18.9534



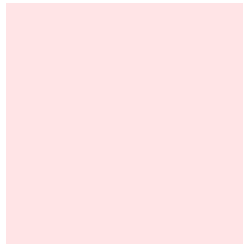
21.6290, 11.1409, 1.4308



2.1239, 1.0920, 0.2342

Previews

White Background



This preview shows how the XYZ color 83.2663, 82.4600, 86.3907 looks on a white background.

Color Contrast Check

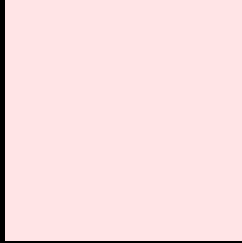
Large Text (above 18pt) WCAG AA × Fail

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 83.2663, 82.4600, 86.3907 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

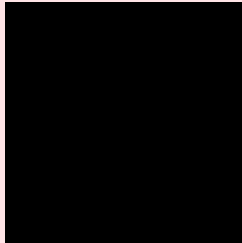
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

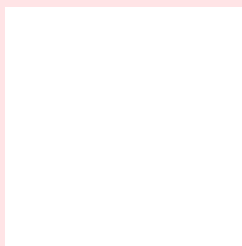
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.2663, 82.4600, 86.3907

Background



This preview shows how black text looks on a background with the XYZ color 83.2663, 82.4600, 86.3907.

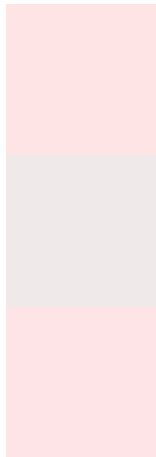


This preview shows how white text looks on a background with the XYZ color 83.2663, 82.4600,

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

83.2663, 82.4600, 86.3907

Protanopia

79.4435, 82.5117, 88.8300

Deuteranopia

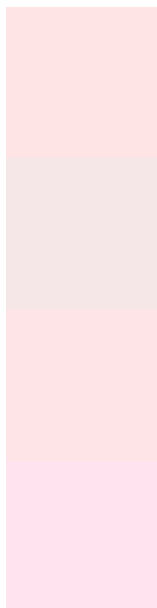
83.4072, 82.5163, 87.1325



Tritanopia

84.8867, 82.6692, 96.2768

Trichromacy



Original Color

83.2663, 82.4600, 86.3907

Protanomaly

80.7976, 82.3905, 87.9884

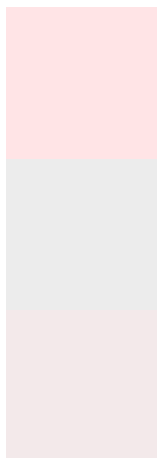
Deuteranomaly

83.4072, 82.5163, 87.1325

Tritanomaly

84.1417, 82.3712, 92.3534

Monochromacy



Original Color

83.2663, 82.4600, 86.3907

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 83.2663, 82.4600, 86.3907 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, 230) looks like.

```
.text, #text, p{  
    color:rgb(255, 228, 230)  
}
```

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, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 228, 230) }
```

Border

The CSS property to change the border of an element to XYZ 83.2663, 82.4600, 86.3907 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, 230) }
```


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

```
.border{ border-color:rgb(255, 228, 230) }
```

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, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 228, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 228, 230);  
box-shadow:4px 4px 4px 4px rgb(255, 228,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 83.2663, 82.4600, 86.3907 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, 230) }
```

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

```
.background{ background-color: rgb(255,  
228, 230) }
```

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