

Converting Colors

XYZ(82.8331, 82.2723, 84.1534)

Have a look what the booklet for
XYZ(82.8331, 82.2723, 84.1534)
contains.

XYZ(82.8485, 82.2929, 84.1906)	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(82.8485, 82.2929,
84.1906)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE4E3
RGB	255, 228, 227
RGB Percent	100%, 89%, 89%
CMY	0.0000, 0.1059, 0.1098
CMYK	0.00, 0.11, 0.11, 0.00
HSL	2°, 100%, 95%
HSV	2°, 11%, 100%
XYZ	82.8485, 82.2929, 84.1906
YIQ	235.9590, 16.4130, 5.4130

Conversions

Conversions Part 2

Format	Color
R _Y B	255, 228, 227
Decimal	16770275
CIE Lab	92.70, 9.07, 3.85
CIE LCh	93, 9.856, 23.009
Yxy	82.2929, 0.3323, 0.3301
Android (android.graphics.Color)	4294960355 (0xFFFFE4E3)
YUV	235.9590, -4.4168, 16.6990
Hunter-Lab	90.7154, 4.2683, 8.4753

Details

The XYZ color **82.8485, 82.2929, 84.1906** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **85.1694, 94.4319, 108.3460**, and the grayscale version is **79.7231, 83.8750, 91.3398**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.6787, 44.8715, 45.2833** is the 20% darker color. If you saturate the color by 10%, you get **73.2973, 68.4118, 64.9099**, and if you desaturate by 10%, it is **93.8867, 98.3129, 106.5407**.

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 82.8485, 82.2929, 84.1906 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 82.8485, 82.2929, 84.1906 by changing the saturation by 10% instead.


 82.8485, 82.2929,
84.1906

 82.8485, 82.2929,
84.1906


493.0730,
502.6269, 529.0205

 62.3817, 61.6070,
62.6265


136.2929,
136.5847, 141.1059

 45.5979, 44.7152,
45.1001


170.0011,
170.9593, 177.2941

 32.1319, 31.2332,
31.1927


208.8539,
210.6657, 219.1942

 21.6183, 20.7765,
20.4860

253.2166,
256.0882, 267.2246

 13.6918, 12.9607,
12.5612

303.4545,
307.6111, 321.8039

 7.9869, 7.4015,
6.9999

359.9329,

 4.1383, 3.7144,

365.6190, 383.3506

3.3836

423.0173,
430.4961, 452.2833

■ 1.7807, 1.5151,
1.2937

■ 0.5060, 0.2993,
0.0566

■ 82.8485, 82.2929,
84.1906

■ 82.8485, 82.2929,
84.1906

■ 73.2973, 68.4118,
64.9099

■ 93.8867, 98.3129,
106.5407

■ 65.1639, 56.5692,
48.5596

■ 95.0500, 100.0000,
108.9000

■ 58.3826, 46.6724,
34.9980

■ 52.8801, 38.6173,
24.0694

■ 48.5760, 32.2901,
15.6029

■ 45.3812, 27.5647,
9.4075

■ 43.1938, 24.2973,
5.2642

■ 41.8932, 22.3189,
2.9107

■ 41.3393, 21.4586,
1.9631

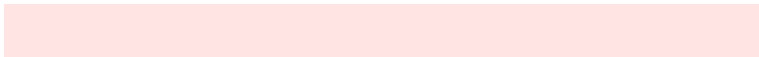
Harmonies

Analogous

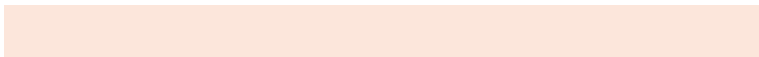
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.2189, 82.2929, 91.3345



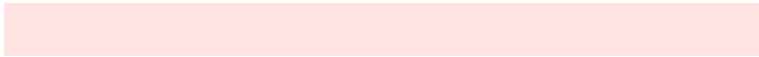
82.8485, 82.2929, 84.1906



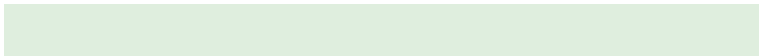
81.2245, 82.2929, 78.7802

Triad

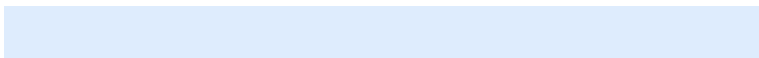
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.8485, 82.2929, 84.1906



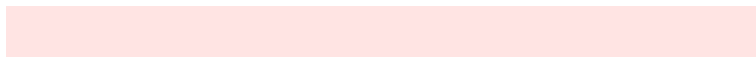
74.3405, 82.2929, 81.3640



77.6177, 82.2929, 104.3784

Complementary

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



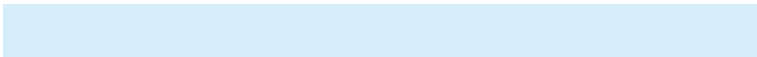
82.8485, 82.2929, 84.1906



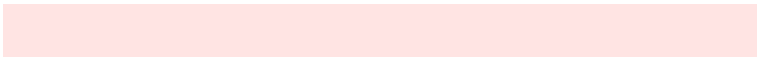
85.1694, 94.4319, 108.3460

Split Complementary

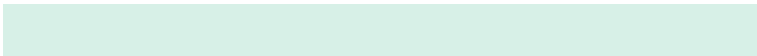
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.2846, 82.2929, 101.3742



82.8485, 82.2929, 84.1906



73.4195, 82.2929, 87.8934

Square

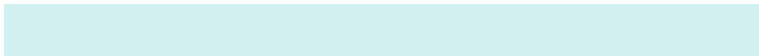
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.8485, 82.2929, 84.1906



76.3035, 82.2929, 77.2116



73.7613, 82.2929, 95.2425



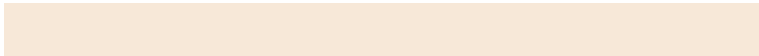
80.1621, 82.2929, 103.2538

Rectangle

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



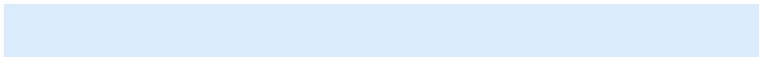
82.8485, 82.2929, 84.1906



79.6682, 82.2929, 76.7530



73.7613, 82.2929, 95.2425



76.7834, 82.2929, 103.8127

Sweetspot

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



82.8505, 82.2964, 84.1923



91.5346, 94.9012, 101.7725



86.6096, 83.3591, 105.3471



19.3961, 20.0283, 21.3861



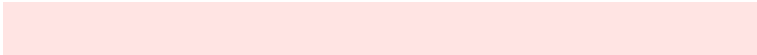
0.0000, 0.0000, 0.0000



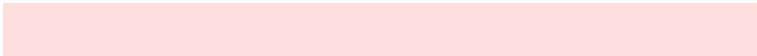
20.3446, 21.4041, 23.3091

Same Dimension

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



82.8505, 82.2964, 84.1923



80.8029, 79.3223, 80.0538



86.8379, 90.2712, 85.5215



18.0616, 18.0914, 18.6844



21.6233, 11.2578, 1.0333



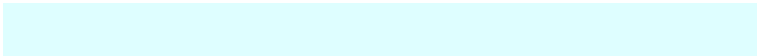
2.1230, 1.1313, 0.1065

Inverse Universe

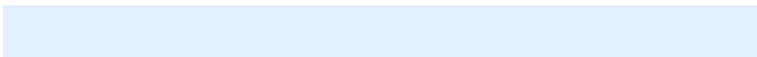
The Inverse Universe completely reimagines the original color for something new.



85.1694, 94.4319, 108.3460



83.5100, 93.4894, 108.2515



80.9090, 85.9111, 106.9259



18.4957, 20.3630, 23.2056



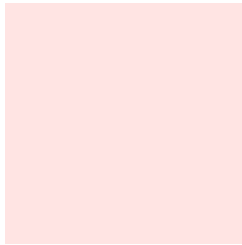
26.6527, 38.2150, 55.4061



2.6119, 3.7544, 5.4003

Previews

White Background



This preview shows how the XYZ color 82.8485, 82.2929, 84.1906 looks on a white background.

Color Contrast Check

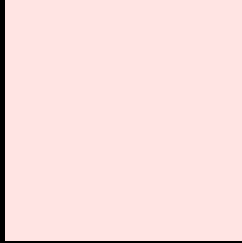
Large Text (above 18pt) WCAG AA × Fail

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 82.8485, 82.2929, 84.1906 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

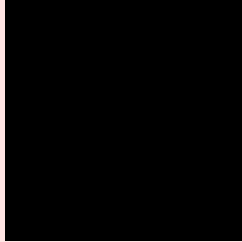
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

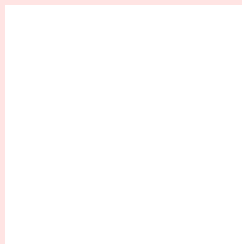
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.8485, 82.2929, 84.1906

Background



This preview shows how black text looks on a background with the XYZ color 82.8485, 82.2929, 84.1906.

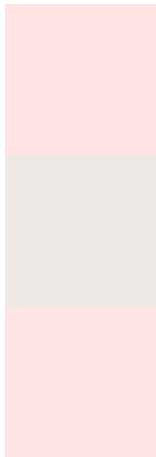


This preview shows how white text looks on a background with the XYZ color 82.8485, 82.2929,

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

82.8485, 82.2929, 84.1906

Protanopia

79.0184, 82.3417, 86.5917

Deuteranopia

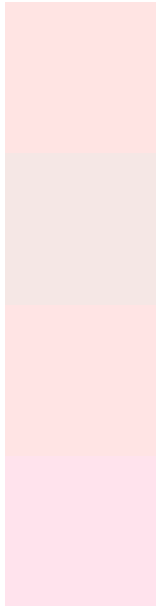
83.1263, 82.4039, 85.6531



Tritanopia

84.4634, 82.0635, 95.3925

Trichromacy



Original Color

82.8485, 82.2929, 84.1906

Protanomaly

80.3750, 82.2214, 85.7629

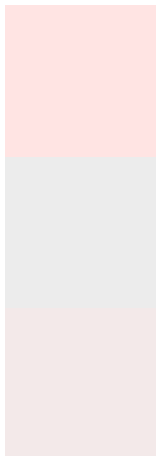
Deuteranomaly

82.9870, 82.3482, 84.9197

Tritanomaly

83.9951, 82.3126, 91.5817

Monochromacy



Original Color

82.8485, 82.2929, 84.1906

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

80.8090, 83.2157, 88.8939

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.8485, 82.2929, 84.1906 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, 227) looks like.

```
.text, #text, p{  
    color:rgb(255, 228, 227)  
}
```

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, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 228, 227) }
```

Border

The CSS property to change the border of an element to XYZ 82.8485, 82.2929, 84.1906 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, 227) }
```


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

```
.border{ border-color:rgb(255, 228, 227) }
```

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, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 228, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 228, 227);  
box-shadow:4px 4px 4px 4px rgb(255, 228,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 82.8485, 82.2929, 84.1906 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, 227) }
```

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

```
.background{ background-color: rgb(255,  
228, 227) }
```

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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