

Converting Colors

XYZ(83.0701, 84.0744, 84.6718)

Have a look what the booklet for
XYZ(83.0701, 84.0744, 84.6718)
contains.

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Color

**XYZ(82.8666, 83.9547,
84.5104)**

Conversions

Conversions Part 1

Format	Color
Hex	FCE8E3
RGB	252, 232, 227
RGB Percent	99%, 91%, 89%
CMY	0.0118, 0.0902, 0.1098
CMYK	0.00, 0.08, 0.10, 0.01
HSL	12°, 81%, 94%
HSV	12°, 10%, 99%
XYZ	82.8666, 83.9547, 84.5104
YIQ	237.4100, 13.5250, 2.6850

Conversions

Conversions Part 2

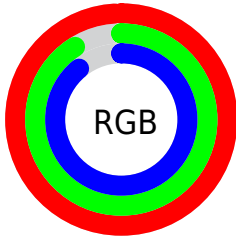
Format	Color
R_{YB}	252, 233, 227
Decimal	16574691
CIE Lab	93.43, 5.97, 4.87
CIE LCh	93, 7.709, 39.209
Yxy	83.9547, 0.3297, 0.3340
Android (android.graphics.Color)	4294764771 (0xFFFC8E3)
YUV	237.4100, -5.1321, 12.7954
Hunter-Lab	91.6268, 1.0872, 9.4536

Details

The XYZ color **82.8666, 83.9547, 84.5104** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.5097, 89.8790, 105.0960**, and the grayscale version is **80.8452, 85.0554, 92.6254**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.4774, 45.6313, 45.4405** is the 20% darker color. If you saturate the color by 10%, you get **74.2886, 71.9627, 65.7288**, and if you desaturate by 10%, it is **92.6091, 97.4591, 106.1937**.

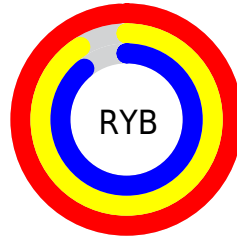
Distribution



Red (99%)

Green (91%)

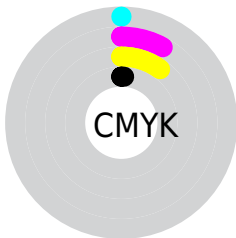
Blue (89%)



Red (99%)

Yellow (91%)

Blue (89%)

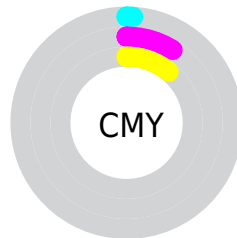


Cyan (0%)

Magenta (8%)

Yellow (10%)

Black (1%)



Cyan (1%)


Magenta (9%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.8666, 83.9547, 84.5104 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 82.8666, 83.9547, 84.5104 by changing the saturation by 10% instead.


 82.8666, 83.9547,
84.5104

 82.8666, 83.9547,
84.5104


493.1325,
508.1628, 530.1089

 62.3966, 62.9780,
62.8891


136.3181,
138.9118, 141.5570

 45.6101, 45.8234,
45.3111


170.0304,
173.6610, 177.8194

 32.1416, 32.1065,
31.3578


208.8874,
213.7699, 219.7992

 21.6257, 21.4429,
20.6107

253.2547,
259.6228, 267.9150

 13.6972, 13.4481,
12.6513

303.4975,
311.6042, 322.5854

 7.9907, 7.7378,
7.0610

359.9811,

 4.1407, 3.9277,

370.0984, 384.2288

3.4212

423.0710,
435.4898, 453.2637

■ 1.7821, 1.6332,
1.3135

■ 0.5068, 0.3798,
0.0728

■ 82.8666, 83.9547,
84.5104

■ 82.8666, 83.9547,
84.5104

■ 74.2886, 71.9627,
65.7288

■ 92.6091, 97.4591,
106.1937

■ 66.8241, 61.4195,
49.7201

■ 93.9553, 99.4356,
108.8488

■ 60.4288, 52.2730,
36.3541

■ 55.0526, 44.4641,
25.4877

■ 50.6412, 37.9292,
16.9642

■ 47.1352, 32.5994,
10.6093

■ 44.4680, 28.3991,
6.2239

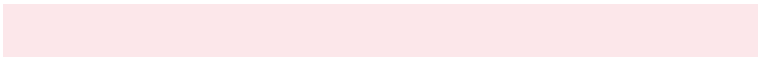
■ 42.5632, 25.2437,
3.5717

■ 41.3130, 23.0294,
2.2734

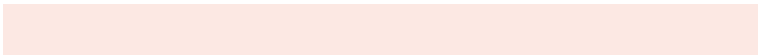
Harmonies

Analogous

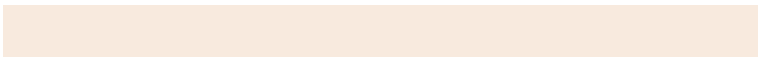
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.7212, 83.9547, 89.6309



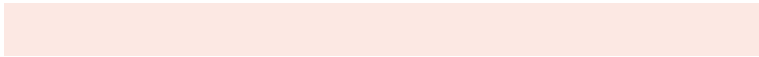
82.8666, 83.9547, 84.5104



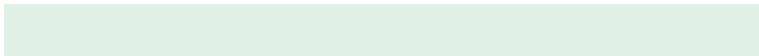
81.1933, 83.9547, 81.3319

Triad

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



82.8666, 83.9547, 84.5104



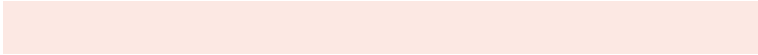
76.1943, 83.9547, 87.4924



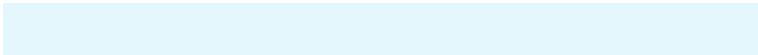
80.4242, 83.9547, 102.9253

Complementary

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



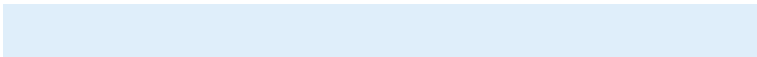
82.8666, 83.9547, 84.5104



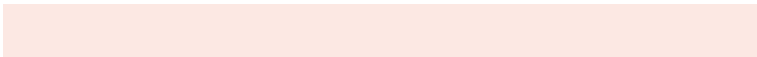
82.5097, 89.8790, 105.0960

Split Complementary

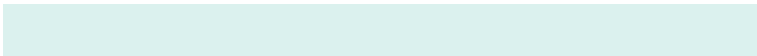
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.4157, 83.9547, 102.2932



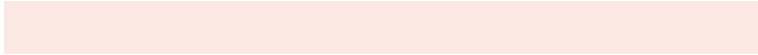
82.8666, 83.9547, 84.5104



75.9963, 83.9547, 93.2174

Square

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



82.8666, 83.9547, 84.5104



77.3486, 83.9547, 83.0020



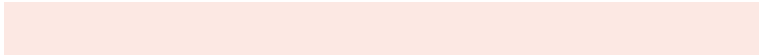
76.8030, 83.9547, 98.6803



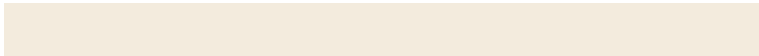
82.2954, 83.9547, 100.3725

Rectangle

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



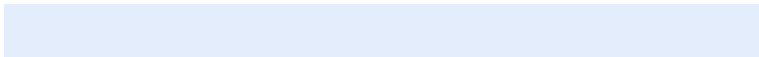
82.8666, 83.9547, 84.5104



79.8505, 83.9547, 80.6598



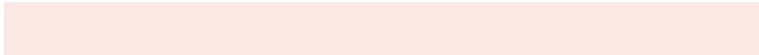
76.8030, 83.9547, 98.6803



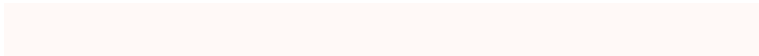
79.7424, 83.9547, 103.0806

Sweetspot

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



82.8689, 83.9584, 84.5122



91.9216, 95.6751, 101.9015



84.4035, 82.3502, 99.4433



19.5000, 20.2362, 21.4208



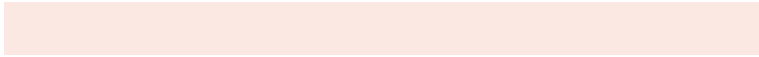
0.0000, 0.0000, 0.0000



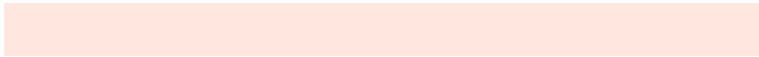
20.3446, 21.4041, 23.3091

Same Dimension

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



82.8689, 83.9584, 84.5122



83.1921, 83.5501, 82.5479



86.5123, 91.2452, 85.7267



17.5259, 17.7877, 17.9721



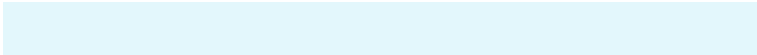
21.5978, 12.1523, 1.2073



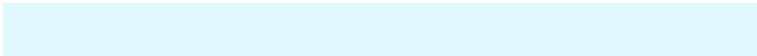
2.0713, 1.2675, 0.1355

Inverse Universe

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



82.5097, 89.8790, 105.0960



82.7515, 90.8051, 107.7734



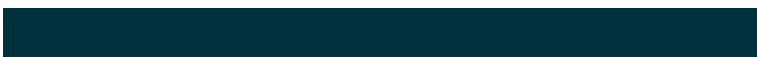
78.8157, 82.4911, 103.8647



17.4534, 18.9836, 22.1296



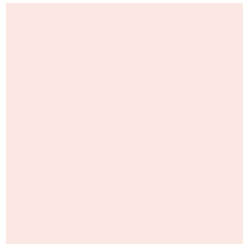
20.2075, 25.7706, 51.8827



1.9439, 2.5315, 4.8293

Previews

White Background



This preview shows how the XYZ color 82.8666, 83.9547, 84.5104 looks on a white background.

Color Contrast Check

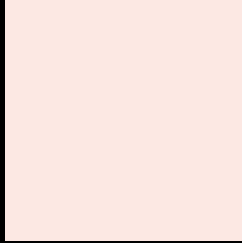
Large Text (above 18pt) WCAG AA × Fail

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 82.8666, 83.9547, 84.5104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

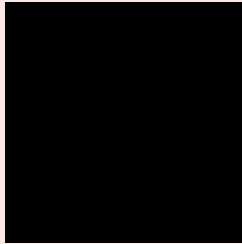
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.8666, 83.9547, 84.5104

Background



This preview shows how black text looks on a background with the XYZ color 82.8666, 83.9547, 84.5104.



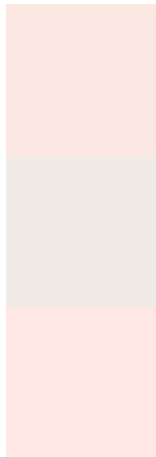
This preview shows how white text looks on a background with the XYZ color 82.8666, 83.9547,

84.5104.

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

82.8666, 83.9547, 84.5104

Protanopia

80.4691, 83.9510, 86.0917

Deuteranopia

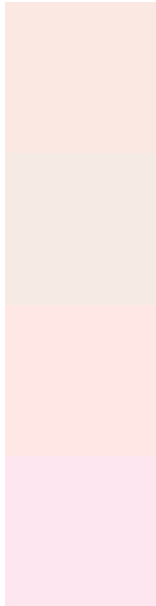
84.0988, 84.1250, 86.6682



Tritanopia

86.0478, 84.0140, 99.6768

Trichromacy



Original Color

82.8666, 83.9547, 84.5104

Protanomaly

81.4324, 84.0399, 85.3282

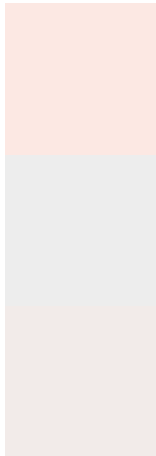
Deuteranomaly

83.5918, 83.8798, 85.9134

Tritanomaly

84.8980, 83.9557, 94.1685

Monochromacy



Original Color

82.8666, 83.9547, 84.5104

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

81.0343, 84.1771, 89.0676

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.8666, 83.9547, 84.5104 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(252, 232, 227) looks like.

```
.text, #text, p{  
    color:rgb(252, 232, 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(252, 232, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 232, 227) }
```

Border

The CSS property to change the border of an element to XYZ 82.8666, 83.9547, 84.5104 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(252, 232, 227) }
```


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

```
.border{ border-color:rgb(252, 232, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 232, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 232, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 232, 227);  
box-shadow:4px 4px 4px 4px rgb(252, 232,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 82.8666, 83.9547, 84.5104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 232, 227) }
```

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

```
.background{ background-color: rgb(252,  
232, 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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