

Converting Colors

XYZ(84.8018, 85.7494, 86.2290)

Have a look what the booklet for XYZ(84.8018, 85.7494, 86.2290) contains.

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Color

**XYZ(84.8057, 85.7628,
86.2129)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFAE5
RGB	255, 234, 229
RGB Percent	100%, 92%, 90%
CMY	0.0000, 0.0823, 0.1020
CMYK	0.00, 0.08, 0.10, 0.00
HSL	12°, 100%, 95%
HSV	12°, 10%, 100%
XYZ	84.8057, 85.7628, 86.2129
YIQ	239.7090, 14.1210, 2.8970

Conversions

Conversions Part 2

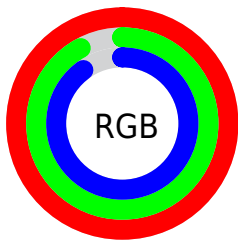
Format	Color
R _Y B	255, 235, 229
Decimal	16771813
CIE Lab	94.21, 6.31, 4.99
CIE LCh	94, 8.045, 38.356
Yxy	85.7628, 0.3303, 0.3340
Android (android.graphics.Color)	4294961893 (0xFFFFEAE5)
YUV	239.7090, -5.2795, 13.4102
Hunter-Lab	92.6082, 1.3965, 9.6302

Details

The XYZ color **84.8057, 85.7628, 86.2129** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.5479, 92.2468, 107.9570**, and the grayscale version is **82.6309, 86.9342, 94.6713**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.8491, 46.9025, 46.6283** is the 20% darker color. If you saturate the color by 10%, you get **75.9781, 73.3931, 66.9757**, and if you desaturate by 10%, it is **94.8416, 99.7115, 108.4353**.

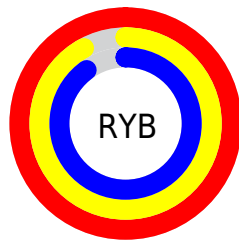
Distribution



Red (100%)

Green (92%)

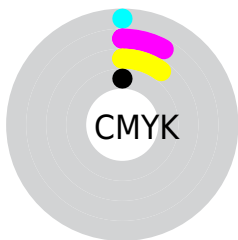
Blue (90%)



Red (100%)

Yellow (92%)

Blue (90%)

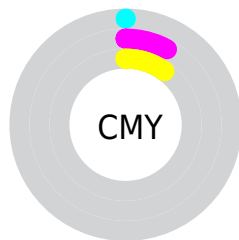


Cyan (0%)

Magenta (8%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (8%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.8057, 85.7628, 86.2129 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 84.8057, 85.7628, 86.2129 by changing the saturation by 10% instead.


 84.8057, 85.7628,
86.2129

 84.8057, 85.7628,
86.2129


499.4783,
514.1488, 535.8819

 64.0028, 64.4718,
64.2881


139.0171,
141.4384, 143.9557

 46.9146, 47.0329,
46.4364


173.1563,
176.5919, 180.6109

 33.1758, 33.0617,
32.2392


212.4717,
217.1350, 223.0132

 22.4211, 22.1737,
21.2779

257.3286,
263.4521, 271.5813

 14.2850, 13.9846,
13.1341

308.0923,
315.9277, 326.7336

 8.4021, 8.1100,
7.3891

365.1283,

 4.4073, 4.1654,

374.9460, 388.8888

3.6245

428.8018,
440.8916, 458.4654

■ 1.9350, 1.7665,
1.4217

■ 0.5971, 0.4662,
0.1586

■ 84.8057, 85.7628,
86.2129

■ 84.8057, 85.7628,
86.2129

■ 75.9781, 73.3931,
66.9757

94.8416, 99.7115,
108.4353

■ 68.3069, 62.5362,
50.5909

95.0500, 100.0000,
108.9000

■ 61.7453, 53.1368,
36.9238

■ 56.2408, 45.1322,
25.8264

■ 51.7365, 38.4551,
17.1370

■ 48.1699, 33.0326,
10.6749

■ 45.4715, 28.7843,
6.2340

■ 43.5605, 25.6202,
3.5691

■ 42.3419, 23.4637,
2.2973

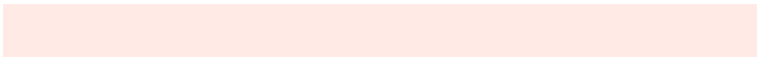
Harmonies

Analogous

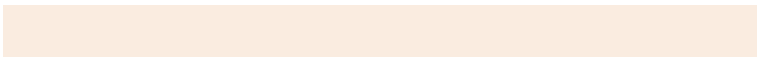
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.6813, 85.7628, 91.6680



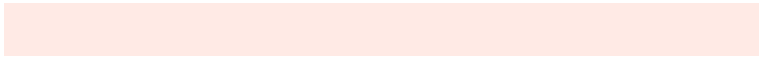
84.8057, 85.7628, 86.2129



83.0519, 85.7628, 82.7852

Triad

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



84.8057, 85.7628, 86.2129



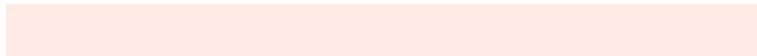
77.7260, 85.7628, 89.0746



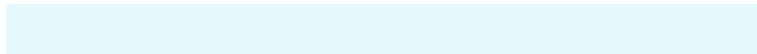
82.1183, 85.7628, 105.6138

Complementary

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



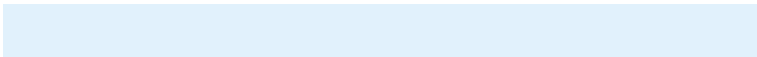
84.8057, 85.7628, 86.2129



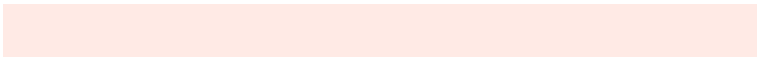
84.5479, 92.2468, 107.9570

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.



79.9971, 85.7628, 104.8446



84.8057, 85.7628, 86.2129



77.4860, 85.7628, 95.1154

Square

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



84.8057, 85.7628, 86.2129



78.9720, 85.7628, 84.3861



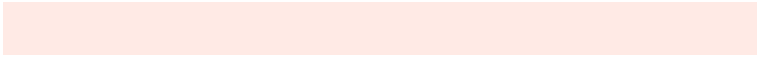
78.3105, 85.7628, 100.9360



84.1119, 85.7628, 102.9936

Rectangle

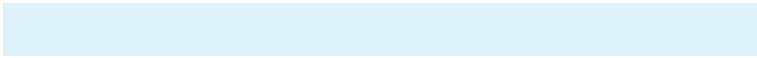
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



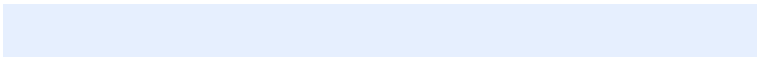
84.8057, 85.7628, 86.2129



81.6338, 85.7628, 82.0204



78.3105, 85.7628, 100.9360



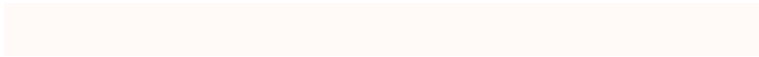
81.3963, 85.7628, 105.7452

Sweetspot

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



84.8077, 85.7664, 86.2147



91.9034, 95.6387, 101.8954



86.5518, 84.2164, 102.3283



19.4952, 20.2264, 21.4191



0.0000, 0.0000, 0.0000



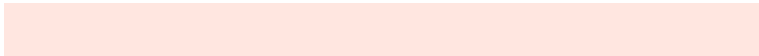
20.3446, 21.4041, 23.3091

Same Dimension

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



84.8077, 85.7664, 86.2147



83.1265, 83.4188, 82.5260



88.5727, 93.2965, 87.4697



18.2923, 18.5528, 18.7613



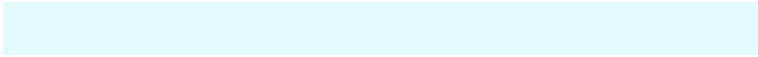
22.2046, 12.4204, 1.2271



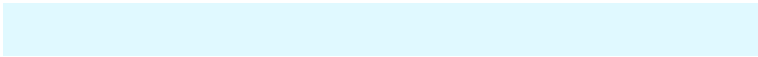
2.2329, 1.3512, 0.1431

Inverse Universe

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



84.5479, 92.2468, 107.9570



82.8242, 90.9505, 107.7976



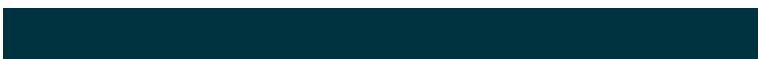
80.7158, 84.5826, 106.6796



18.2402, 19.8521, 23.1204



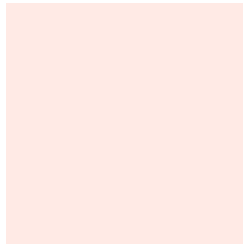
21.0593, 27.0281, 53.5416



2.1232, 2.7770, 5.2374

Previews

White Background



This preview shows how the XYZ color 84.8057, 85.7628, 86.2129 looks on a white background.

Color Contrast Check

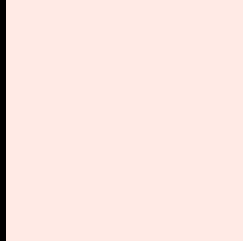
Large Text (above 18pt) WCAG AA × Fail

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 84.8057, 85.7628, 86.2129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

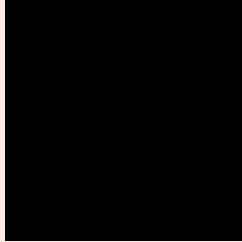
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

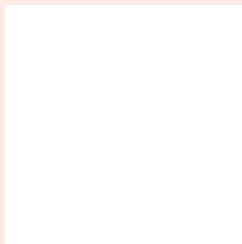
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.8057, 85.7628, 86.2129

Background



This preview shows how black text looks on a background with the XYZ color 84.8057, 85.7628, 86.2129.



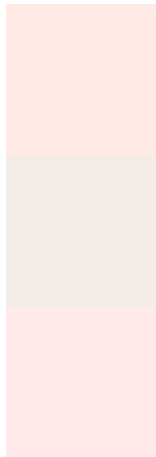
This preview shows how white text looks on a background with the XYZ color 84.8057, 85.7628,

86.2129.

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

84.8057, 85.7628, 86.2129

Protanopia

82.0162, 85.5710, 87.7954

Deuteranopia

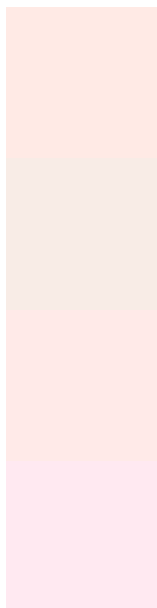
85.3708, 85.9888, 89.1888



Tritanopia

87.0399, 85.7505, 100.7709

Trichromacy



Original Color

84.8057, 85.7628, 86.2129

Protanomaly

82.9898, 85.6605, 87.0230

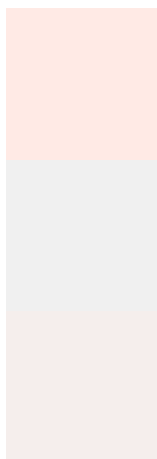
Deuteranomaly

85.2283, 85.9318, 88.4384

Tritanomaly

86.2561, 85.8887, 95.2511

Monochromacy



Original Color

84.8057, 85.7628, 86.2129

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

83.3710, 86.6177, 91.6816

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.8057, 85.7628, 86.2129 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, 234, 229) looks like.

```
.text, #text, p{  
    color:rgb(255, 234, 229)  
}
```

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, 234, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 234, 229) }
```

Border

The CSS property to change the border of an element to XYZ 84.8057, 85.7628, 86.2129 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, 234, 229) }
```


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

```
.border{ border-color:rgb(255, 234, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 234, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 234, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 234, 229);  
box-shadow:4px 4px 4px 4px rgb(255, 234,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 84.8057, 85.7628, 86.2129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 234, 229) }
```

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

```
.background{ background-color: rgb(255,  
234, 229) }
```

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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