

Converting Colors

XYZ(84.7868, 85.5876, 87.4769)

Have a look what the booklet for
XYZ(84.7868, 85.5876, 87.4769)
contains.

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Color

**XYZ(85.0866, 85.8752,
87.6923)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEAE7
RGB	255, 234, 231
RGB Percent	100%, 92%, 91%
CMY	0.0000, 0.0823, 0.0941
CMYK	0.00, 0.08, 0.09, 0.00
HSL	8°, 100%, 95%
HSV	8°, 9%, 100%
XYZ	85.0866, 85.8752, 87.6923
YIQ	239.9370, 13.4790, 3.5190

Conversions

Conversions Part 2

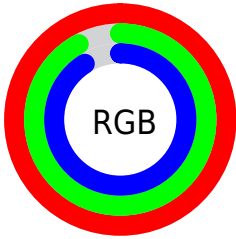
Format	Color
R _Y B	255, 234, 231
Decimal	16771815
CIE Lab	94.26, 6.63, 4.02
CIE LCh	94, 7.756, 31.241
Yxy	85.8752, 0.3290, 0.3320
Android (android.graphics.Color)	4294961895 (0xFFFFEAE7)
YUV	239.9370, -4.4059, 13.2103
Hunter-Lab	92.6689, 1.7244, 8.7622

Details

The XYZ color **85.0866, 85.8752, 87.6923** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.8145, 93.8271, 108.1953**, and the grayscale version is **82.8030, 87.1152, 94.8684**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.9470, 46.9417, 47.1437** is the 20% darker color. If you saturate the color by 10%, you get **75.7884, 72.6286, 68.0998**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

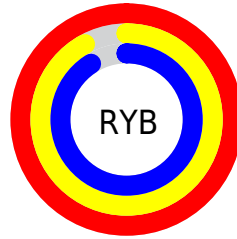
Distribution



Red (100%)

Green (92%)

Blue (91%)



Red (100%)

Yellow (92%)

Blue (91%)

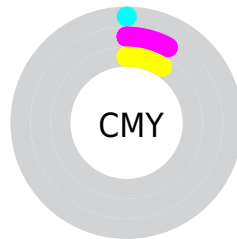


Cyan (0%)

Magenta (8%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (8%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.0866, 85.8752, 87.6923 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 85.0866, 85.8752, 87.6923 by changing the saturation by 10% instead.


 85.0866, 85.8752,
87.6923

 85.0866, 85.8752,
87.6923


500.3939,
514.5196, 540.8702

 64.2357, 64.5648,
65.5054


139.4076,
141.5953, 146.0361

 47.1040, 47.1083,
47.4170


173.6083,
176.7738, 183.0300

 33.3262, 33.1212,
33.0088


212.9897,
217.3438, 225.7967

 22.5368, 22.2193,
21.8620

257.9171,
263.6896, 274.7546

 14.3707, 14.0182,
13.5582

308.7559,
316.1957, 330.3224

 8.4624, 8.1333,
7.6788

365.8714,

 4.4465, 4.1804,

375.2465, 392.9186

3.8053

429.6289,
441.2263, 462.9617

■ 1.9577, 1.7750,
1.5192

■ 0.6100, 0.4715,
0.2321

■ 85.0866, 85.8752,
87.6923

■ 85.0866, 85.8752,
87.6923

■ 75.7884, 72.6286,
68.0998

95.0500, 100.0000,
108.9000

■ 67.7603, 61.1192,
51.4067

■ 60.9487, 51.2781,
37.4767

■ 55.2938, 43.0276,
26.1603

■ 50.7307, 36.2839,
17.2941

■ 47.1879, 30.9555,
10.6960

■ 44.5853, 26.9406,
6.1585

■ 42.8302, 24.1238,
3.4360

■ 41.7988, 22.3644,
2.1568

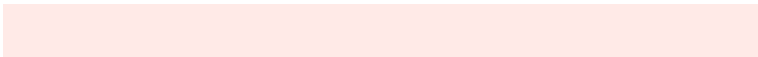
Harmonies

Analogous

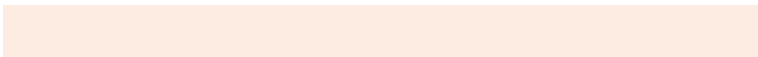
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.6828, 85.8752, 93.2559



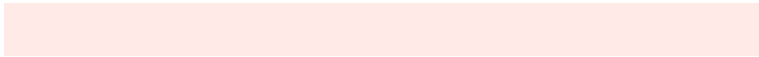
85.0866, 85.8752, 87.6923



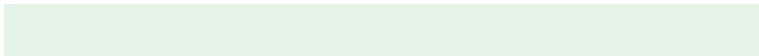
83.5597, 85.8752, 83.8246

Triad

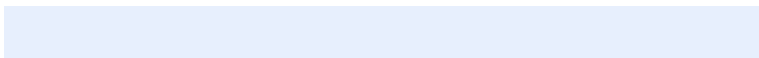
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.0866, 85.8752, 87.6923



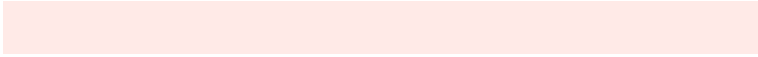
78.1683, 85.8752, 88.1042



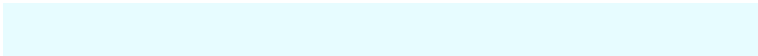
81.7084, 85.8752, 105.4193

Complementary

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



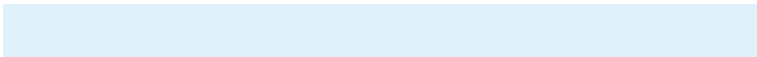
85.0866, 85.8752, 87.6923



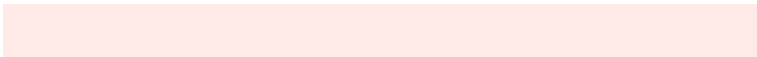
85.8145, 93.8271, 108.1953

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.



79.7141, 85.8752, 103.9002



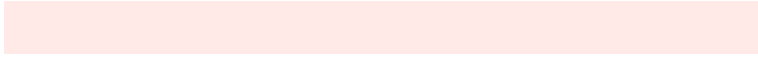
85.0866, 85.8752, 87.6923



77.6912, 85.8752, 93.7515

Square

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



85.0866, 85.8752, 87.6923



79.5666, 85.8752, 84.0552



78.2524, 85.8752, 99.5659



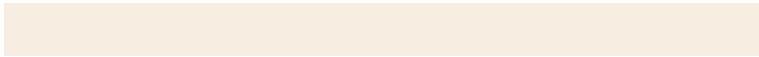
83.7120, 85.8752, 103.6346

Rectangle

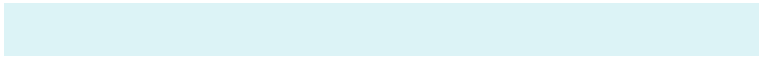
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



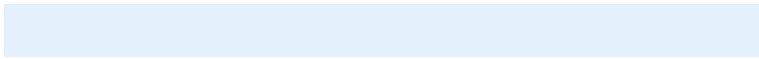
85.0866, 85.8752, 87.6923



82.2319, 85.8752, 82.6417



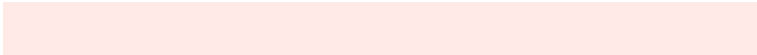
78.2524, 85.8752, 99.5659



81.0147, 85.8752, 105.2776

Sweetspot

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



85.0886, 85.8788, 87.6941



91.7447, 95.3212, 101.8425



87.4188, 85.4537, 104.1486



19.4525, 20.1411, 21.4049



0.0000, 0.0000, 0.0000



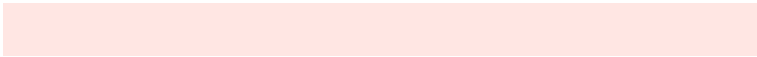
20.3446, 21.4041, 23.3091

Same Dimension

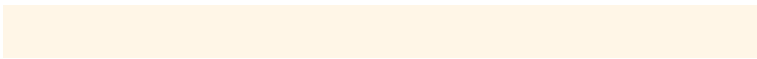
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.0886, 85.8788, 87.6941



83.5237, 83.6543, 84.3816



88.5592, 92.8199, 88.8510



18.1926, 18.3533, 18.7280



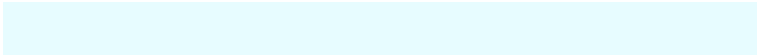
21.8743, 11.7598, 1.1170



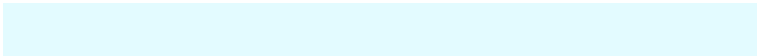
2.1848, 1.2549, 0.1271

Inverse Universe

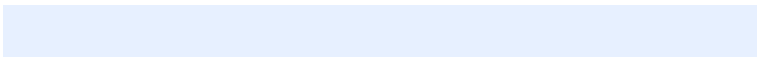
The Inverse Universe completely reimagines the original color for something new.



85.8145, 93.8271, 108.1953



84.3627, 92.8425, 108.0818



82.2248, 86.6478, 106.9987



18.3494, 20.0704, 23.1568



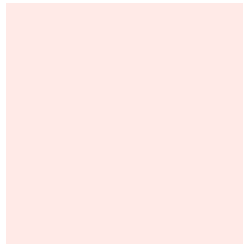
23.3063, 31.5221, 54.2906



2.3213, 3.1733, 5.3034

Previews

White Background



This preview shows how the XYZ color 85.0866, 85.8752, 87.6923 looks on a white background.

Color Contrast Check

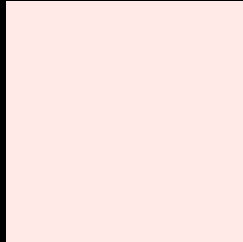
Large Text (above 18pt) WCAG AA × Fail

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 85.0866, 85.8752, 87.6923 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

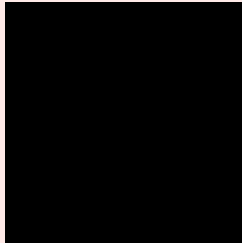
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

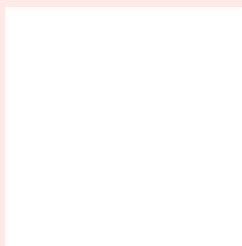
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.0866, 85.8752, 87.6923

Background



This preview shows how black text looks on a background with the XYZ color 85.0866, 85.8752, 87.6923.



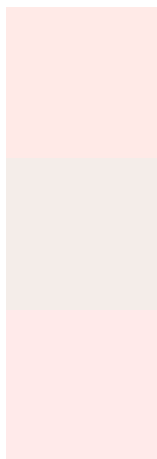
This preview shows how white text looks on a background with the XYZ color 85.0866, 85.8752,

87.6923.

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

85.0866, 85.8752, 87.6923

Protanopia

82.3004, 85.6847, 89.2919

Deuteranopia

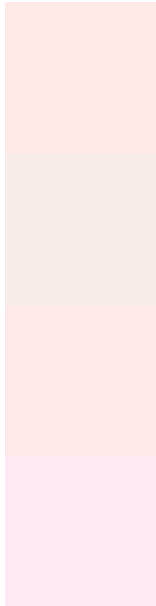
85.5141, 86.0462, 89.9434



Tritanopia

87.0399, 85.7505, 100.7709

Trichromacy



Original Color

85.0866, 85.8752, 87.6923

Protanomaly

83.2723, 85.7736, 88.5110

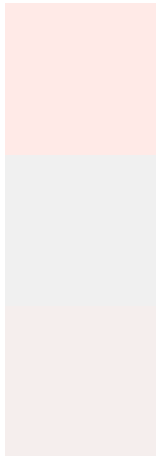
Deuteranomaly

85.3708, 85.9888, 89.1888

Tritanomaly

86.4059, 85.9486, 96.0401

Monochromacy



Original Color

85.0866, 85.8752, 87.6923

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

83.5168, 86.6760, 92.4491

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.0866, 85.8752, 87.6923 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, 231)` looks like.

```
.text, #text, p{  
    color:rgb(255, 234, 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, 234, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 234, 231) }
```

Border

The CSS property to change the border of an element to XYZ 85.0866, 85.8752, 87.6923 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, 231) }
```


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

```
.border{ border-color:rgb(255, 234, 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, 234, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 234, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 234, 231);  
box-shadow:4px 4px 4px 4px rgb(255, 234,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 85.0866, 85.8752, 87.6923 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, 231) }
```

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

```
.background{ background-color: rgb(255,  
234, 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](#).

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