

Converting Colors

XYZ(83.5362, 84.1029, 86.7314)

Have a look what the booklet for
XYZ(83.5362, 84.1029, 86.7314)
contains.

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Color

**XYZ(83.6476, 84.3090,
86.7275)**

Conversions

Conversions Part 1

Format	Color
Hex	FDE8E6
RGB	253, 232, 230
RGB Percent	99%, 91%, 90%
CMY	0.0078, 0.0902, 0.0980
CMYK	0.00, 0.08, 0.09, 0.01
HSL	5°, 85%, 95%
HSV	5°, 9%, 99%
XYZ	83.6476, 84.3090, 86.7275
YIQ	238.0510, 13.1580, 3.8300

Conversions

Conversions Part 2

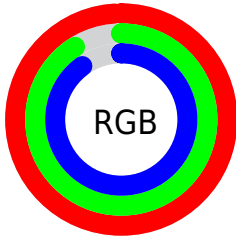
Format	Color
R _Y B	253, 232, 230
Decimal	16640230
CIE Lab	93.58, 6.81, 3.54
CIE LCh	94, 7.675, 27.510
Yxy	84.3090, 0.3284, 0.3310
Android (android.graphics.Color)	4294830310 (0xFFFDE8E6)
YUV	238.0510, -3.9691, 13.1103
Hunter-Lab	91.8199, 1.9279, 8.2722

Details

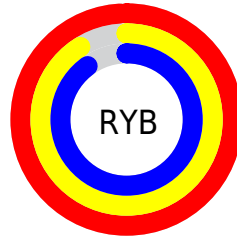
The XYZ color **83.6476, 84.3090, 86.7275** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.8598, 92.9078, 106.3901**, and the grayscale version is **81.3321, 85.5677, 93.1833**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.0281, 45.8816, 46.9875** is the 20% darker color. If you saturate the color by 10%, you get **74.2704, 70.8333, 67.3266**, and if you desaturate by 10%, it is **94.3185, 99.6229, 108.8658**.

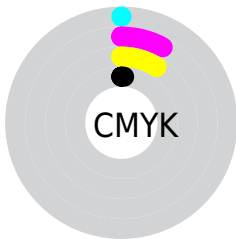
Distribution



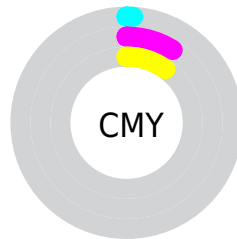
- Red (99%)
- Green (91%)
- Blue (90%)



- Red (99%)
- Yellow (91%)
- Blue (90%)



- Cyan (0%)
- Magenta (8%)
- Yellow (9%)
- Black (1%)




- Cyan (1%)
- Magenta (9%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.6476, 84.3090, 86.7275 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 83.6476, 84.3090, 86.7275 by changing the saturation by 10% instead.


 83.6476, 84.3090,
86.7275

 83.6476, 84.3090,
86.7275


495.6936,
509.3388, 537.6200

 63.0433, 63.2706,
64.7114


137.4059,
139.4073, 144.6798

 46.1350, 46.0601,
46.7772


171.2906,
174.2361, 181.4530

 32.5574, 32.2933,
32.5065


210.3328,
214.4303, 223.9824

 21.9452, 21.5856,
21.4806

254.8979,
260.3745, 272.6864

 13.9330, 13.5527,
13.2811

305.3511,
312.4531, 327.9836

 8.1555, 7.8103,
7.4894

362.0579,

 4.2472, 3.9738,

371.0504, 390.2926

3.6870

425.3836,
436.5508, 460.0319

■ 1.8429, 1.6589,
1.4552

■ 0.5433, 0.3968,
0.1842

■ 83.6476, 84.3090,
86.7275

■ 83.6476, 84.3090,
86.7275

■ 74.2704, 70.8333,
67.3266

94.3185, 99.6229,
108.8658

■ 66.2058, 59.1937,
50.7971

■ 59.3971, 49.3142,
37.0041

■ 53.7810, 41.1091,
25.7999

■ 49.2884, 34.4852,
17.0227

■ 45.8433, 29.3408,
10.4927

■ 43.3602, 25.5617,
6.0048

■ 41.7396, 23.0173,
3.3166

■ 40.8508, 21.5473,
2.0720

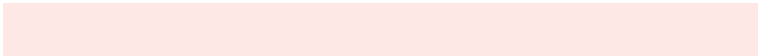
Harmonies

Analogous

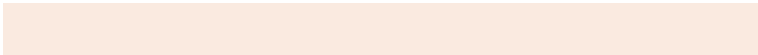
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.0991, 84.3090, 92.2850



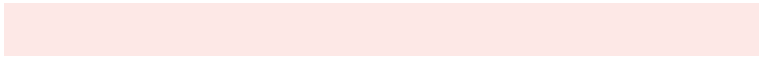
83.6476, 84.3090, 86.7275



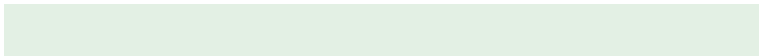
82.2496, 84.3090, 82.6823

Triad

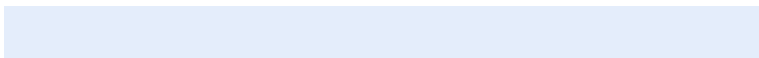
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.6476, 84.3090, 86.7275



76.8835, 84.3090, 85.9196



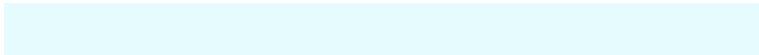
79.9636, 84.3090, 103.4335

Complementary

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



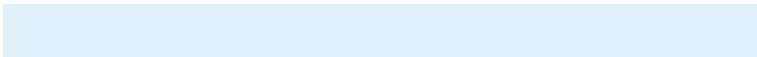
83.6476, 84.3090, 86.7275



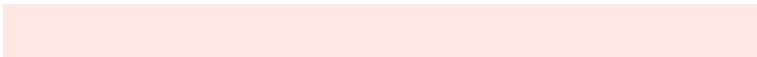
84.8598, 92.9078, 106.3901

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.



78.0534, 84.3090, 101.5606



83.6476, 84.3090, 86.7275



76.2939, 84.3090, 91.3131

Square

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



83.6476, 84.3090, 86.7275



78.3425, 84.3090, 82.2299



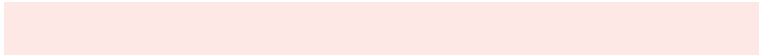
76.7186, 84.3090, 97.0627



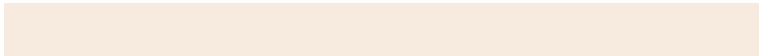
81.9509, 84.3090, 102.0813

Rectangle

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



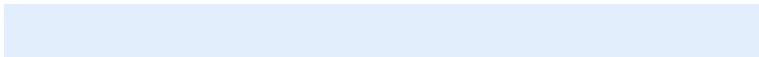
83.6476, 84.3090, 86.7275



80.9809, 84.3090, 81.3041



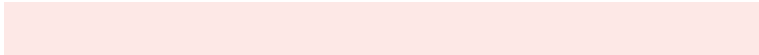
76.7186, 84.3090, 97.0627



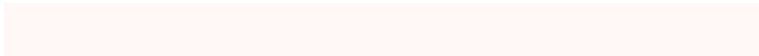
79.2914, 84.3090, 103.1585

Sweetspot

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



83.6500, 84.3127, 86.7293



91.6551, 95.1421, 101.8126



86.2318, 84.4479, 103.0920



19.4284, 20.0929, 21.3969



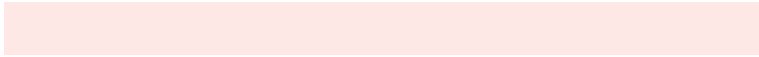
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

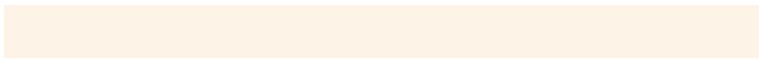
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.6500, 84.3127, 86.7293



83.2268, 83.0604, 84.2826



86.9676, 90.9479, 87.8352



18.1366, 18.2413, 18.7094



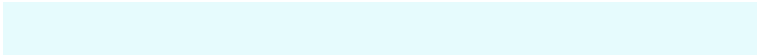
21.7441, 11.4994, 1.0736



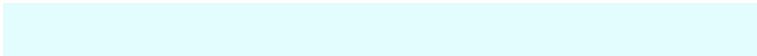
2.1584, 1.2022, 0.1183

Inverse Universe

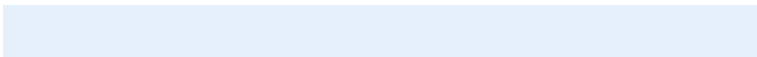
The Inverse Universe completely reimagines the original color for something new.



84.8598, 92.9078, 106.3901



84.6980, 93.5131, 108.1935



81.4015, 85.9913, 105.2373



18.4115, 20.1947, 23.1775



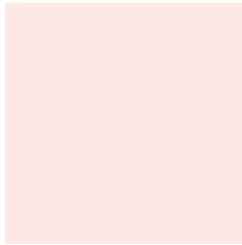
24.6807, 34.2710, 54.7487



2.4412, 3.4131, 5.3434

Previews

White Background



This preview shows how the XYZ color 83.6476, 84.3090, 86.7275 looks on a white background.

Color Contrast Check

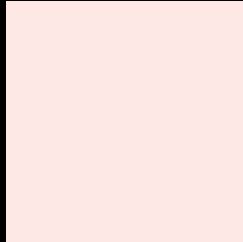
Large Text (above 18pt) WCAG AA × Fail

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 83.6476, 84.3090, 86.7275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

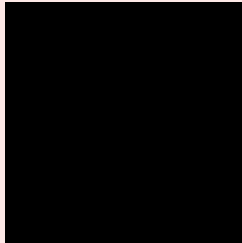
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

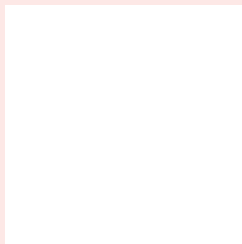
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.6476, 84.3090, 86.7275

Background



This preview shows how black text looks on a background with the XYZ color 83.6476, 84.3090, 86.7275.



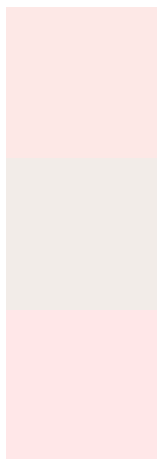
This preview shows how white text looks on a background with the XYZ color 83.6476, 84.3090,

86.7275.

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

83.6476, 84.3090, 86.7275

Protanopia

81.1789, 84.6943, 88.4130

Deuteranopia

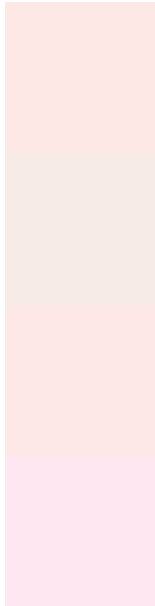
84.3814, 84.2380, 88.1561



Tritanopia

86.3253, 84.5690, 99.7693

Trichromacy



Original Color

83.6476, 84.3090, 86.7275

Protanomaly

82.1382, 84.7790, 87.6361

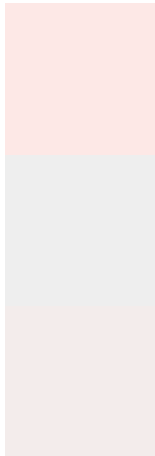
Deuteranomaly

83.8728, 83.9922, 87.3928

Tritanomaly

85.3261, 84.5735, 95.0462

Monochromacy



Original Color

83.6476, 84.3090, 86.7275

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

81.9530, 85.0438, 90.6930

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.6476, 84.3090, 86.7275 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(253, 232, 230) looks like.

```
.text, #text, p{  
    color:rgb(253, 232, 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(253, 232, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 232, 230) }
```

Border

The CSS property to change the border of an element to XYZ 83.6476, 84.3090, 86.7275 is called "border". The border property can be set on classes, ids or directly on the HTML element.

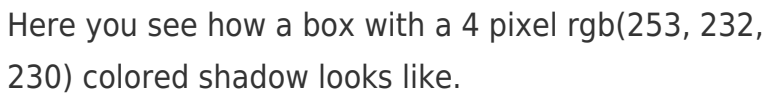
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(253, 232, 230) }
```


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

```
.border{ border-color:rgb(253, 232, 230) }
```

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



Here you see how a box with a 4 pixel `rgb(253, 232, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(253, 232, 230); -webkit-box-shadow:4px 4px 4px 4px rgb(253, 232, 230); box-shadow:4px 4px 4px 4px rgb(253, 232, 230) }
```

Background

The CSS property to change the background color of an element to XYZ 83.6476, 84.3090, 86.7275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 232, 230) }
```

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

```
.background{ background-color: rgb(253,  
232, 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](#).

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