

Converting Colors

XYZ(83.5848, 85.9688, 86.7000)

Have a look what the booklet for
XYZ(83.5848, 85.9688, 86.7000)
contains.

XYZ(83.7027, 86.0281, 87.0564)	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(83.7027, 86.0281,
87.0564)**

Conversions

Conversions Part 1

Format	Color
Hex	FAECE6
RGB	250, 236, 230
RGB Percent	98%, 93%, 90%
CMY	0.0196, 0.0745, 0.0980
CMYK	0.00, 0.06, 0.08, 0.02
HSL	18°, 67%, 94%
HSV	18°, 8%, 98%
XYZ	83.7027, 86.0281, 87.0564
YIQ	239.5020, 10.2700, 1.1020

Conversions

Conversions Part 2

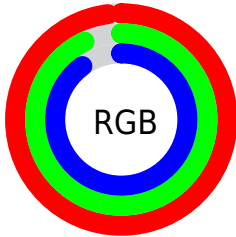
Format	Color
R _Y B	250, 239, 230
Decimal	16444646
CIE Lab	94.32, 3.72, 4.59
CIE LCh	94, 5.907, 50.932
Yxy	86.0281, 0.3260, 0.3350
Android (android.graphics.Color)	4294634726 (0xFFFAECE6)
YUV	239.5020, -4.6845, 9.2067
Hunter-Lab	92.7513, -1.2289, 9.2763

Details

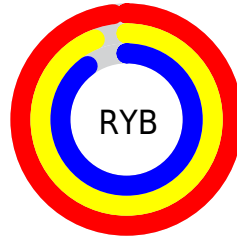
The XYZ color **83.7027, 86.0281, 87.0564** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.2388, 88.4248, 103.1766**, and the grayscale version is **82.4671, 86.7619, 94.4837**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.0514, 47.0751, 47.2167** is the 20% darker color. If you saturate the color by 10%, you get **75.6487, 75.1407, 68.2751**, and if you desaturate by 10%, it is **92.7582, 98.1111, 108.6562**.

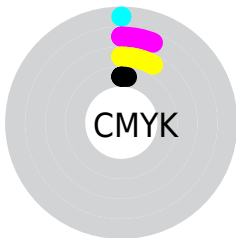
Distribution



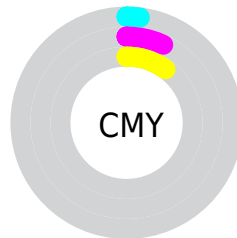
- Red (98%)
- Green (93%)
- Blue (90%)



- Red (98%)
- Yellow (94%)
- Blue (90%)



- Cyan (0%)
- Magenta (6%)
- Yellow (8%)
- Black (2%)




- Cyan (2%)
- Magenta (7%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.7027, 86.0281, 87.0564 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 83.7027, 86.0281, 87.0564 by changing the saturation by 10% instead.


 83.7027, 86.0281,
87.0564

 83.7027, 86.0281,
87.0564


495.8740,
515.0239, 538.7292

 63.0889, 64.6912,
64.9820


137.4826,
141.8087, 145.1423

 46.1720, 47.2107,
46.9952


171.3795,
177.0212, 181.9909

 32.5868, 33.2023,
32.6776


210.4347,
217.6277, 224.6013

 21.9678, 22.2815,
21.6105

255.0137,
264.0126, 273.3920

 13.9497, 14.0639,
13.3754

305.4817,
316.5602, 328.7816

 8.1672, 8.1651,
7.5538

362.2042,

 4.2548, 4.2008,

375.6551, 391.1887

3.7271

425.5465,
441.6815, 461.0317

■ 1.8473, 1.7865,
1.4769

■ 0.5459, 0.4787,
0.2006

■ 83.7027, 86.0281,
87.0564

■ 83.7027, 86.0281,
87.0564

■ 75.6487, 75.1407,
68.2751

■ 92.7582, 98.1111,
108.6562

■ 68.5538, 65.4009,
52.1913

■ 93.2347, 99.0642,
108.8150

■ 62.3828, 56.7739,
38.6815

■ 57.0955, 49.2188,
27.6105

■ 52.6485, 42.6920,
18.8304

■ 48.9944, 37.1467,
12.1774

■ 46.0805, 32.5324,
7.4652

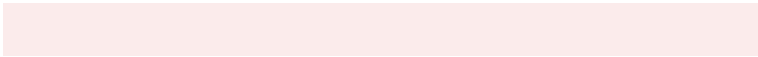
■ 43.8466, 28.7930,
4.4750

■ 42.2162, 25.8634,
2.9107

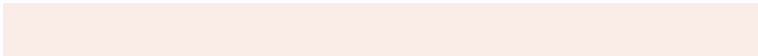
Harmonies

Analogous

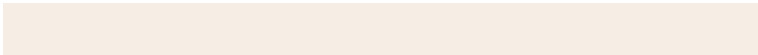
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.6464, 86.0281, 90.5866



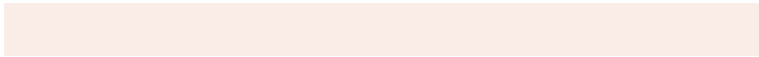
83.7027, 86.0281, 87.0564



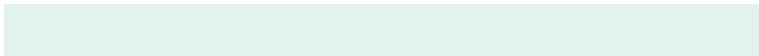
82.2483, 86.0281, 85.3136

Triad

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



83.7027, 86.0281, 87.0564



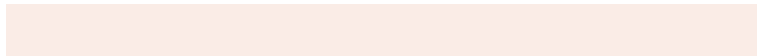
78.7948, 86.0281, 92.3012



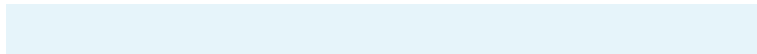
82.8606, 86.0281, 102.0598

Complementary

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



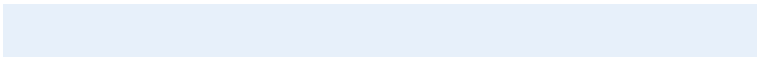
83.7027, 86.0281, 87.0564



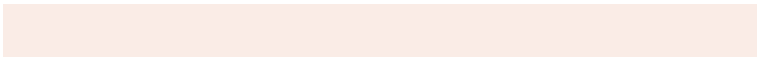
82.2388, 88.4248, 103.1766

Split Complementary

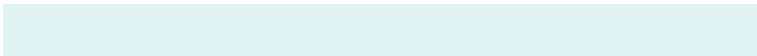
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.2878, 86.0281, 102.5549



83.7027, 86.0281, 87.0564



78.9539, 86.0281, 96.8225

Square

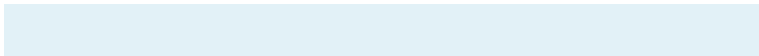
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.7027, 86.0281, 87.0564



79.4240, 86.0281, 88.2768



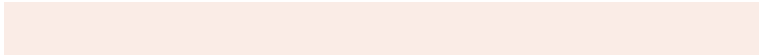
79.8616, 86.0281, 100.6103



84.1559, 86.0281, 99.2785

Rectangle

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



83.7027, 86.0281, 87.0564



81.1906, 86.0281, 85.3599



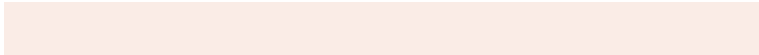
79.8616, 86.0281, 100.6103



82.3464, 86.0281, 102.5026

Sweetspot

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



83.7051, 86.0319, 87.0582



93.1117, 97.4199, 104.2567



84.0513, 83.4505, 97.2665



19.9501, 20.8790, 22.3639



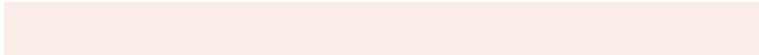
0.0000, 0.0000, 0.0000



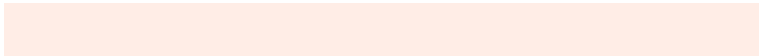
20.3446, 21.4041, 23.3091

Same Dimension

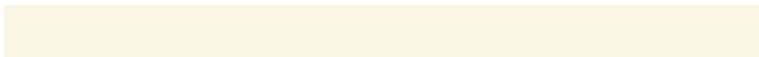
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.7051, 86.0319, 87.0582



85.7821, 87.6038, 86.8833



86.6640, 91.9497, 88.0446



17.6694, 18.0746, 18.0199



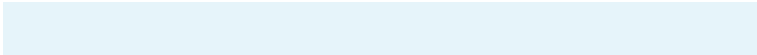
22.3580, 13.6726, 1.4607



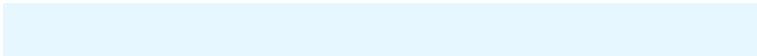
2.1592, 1.4433, 0.1648

Inverse Universe

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



82.2388, 88.4248, 103.1766



83.8890, 90.6926, 107.6917



79.3124, 82.5720, 102.2011



17.3002, 18.6771, 22.0785



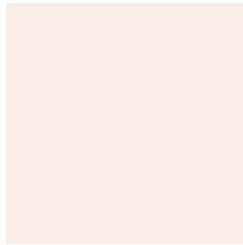
17.4104, 20.1763, 50.9504



1.7053, 2.0542, 4.7498

Previews

White Background



This preview shows how the XYZ color 83.7027, 86.0281, 87.0564 looks on a white background.

Color Contrast Check

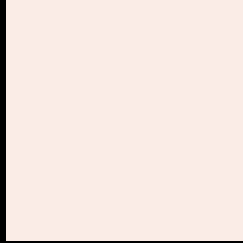
Large Text (above 18pt) WCAG AA × Fail

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 83.7027, 86.0281, 87.0564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

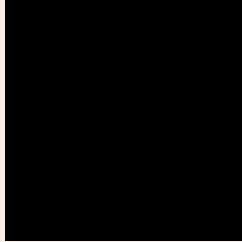
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

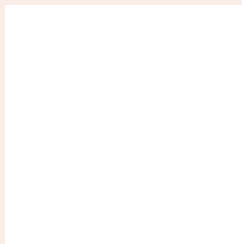
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.7027, 86.0281, 87.0564

Background



This preview shows how black text looks on a background with the XYZ color 83.7027, 86.0281, 87.0564.



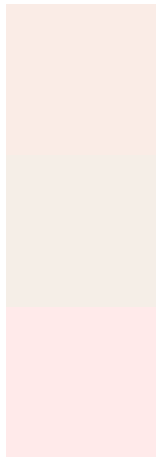
This preview shows how white text looks on a background with the XYZ color 83.7027, 86.0281,

87.0564.

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

83.7027, 86.0281, 87.0564

Protanopia

82.6545, 86.3311, 87.9085

Deuteranopia

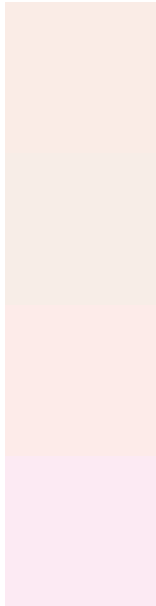
85.5141, 86.0462, 89.9434



Tritanopia

87.0595, 86.1255, 103.3021

Trichromacy



Original Color

83.7027, 86.0281, 87.0564

Protanomaly

83.0658, 86.1121, 87.8446

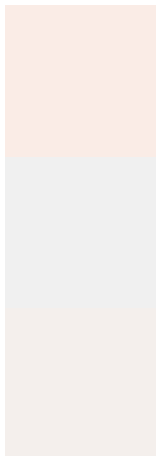
Deuteranomaly

84.9243, 86.1825, 89.2497

Tritanomaly

85.7454, 86.0121, 96.8768

Monochromacy



Original Color

83.7027, 86.0281, 87.0564

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

83.3151, 87.0222, 91.7627

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.7027, 86.0281, 87.0564 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(250, 236, 230) looks like.

```
.text, #text, p{  
    color:rgb(250, 236, 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(250, 236, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 236, 230) }
```

Border

The CSS property to change the border of an element to XYZ 83.7027, 86.0281, 87.0564 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(250, 236, 230) }
```


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

```
.border{ border-color:rgb(250, 236, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 236, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 236, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 236, 230);  
box-shadow:4px 4px 4px 4px rgb(250, 236,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 83.7027, 86.0281, 87.0564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 236, 230) }
```

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

```
.background{ background-color: rgb(250,  
236, 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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