

Converting Colors

XYZ(83.8697, 89.0594, 88.1691)

Have a look what the booklet for
XYZ(83.8697, 89.0594, 88.1691)
contains.

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Color

**XYZ(84.1306, 89.2832,
88.4005)**

Conversions

Conversions Part 1

Format	Color
Hex	F5F3E7
RGB	245, 243, 231
RGB Percent	96%, 95%, 91%
CMY	0.0392, 0.0470, 0.0941
CMYK	0.00, 0.01, 0.06, 0.04
HSL	51°, 41%, 93%
HSV	51°, 6%, 96%
XYZ	84.1306, 89.2832, 88.4005
YIQ	242.2300, 5.0440, -3.3080

Conversions

Conversions Part 2

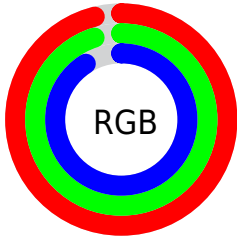
Format	Color
R _Y B	233, 245, 231
Decimal	16118759
CIE Lab	95.70, -1.39, 6.01
CIE LCh	96, 6.163, 102.990
Yxy	89.2832, 0.3213, 0.3410
Android (android.graphics.Color)	4294308839 (0xFFFF5F3E7)
YUV	242.2300, -5.5364, 2.4293
Hunter-Lab	94.4898, -6.4266, 10.6737

Details

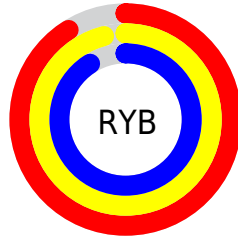
The XYZ color **84.1306, 89.2832, 88.4005** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **78.5753, 81.8581, 98.0461**, and the grayscale version is **84.6220, 89.0290, 96.9525**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.4945, 49.4546, 47.6526** is the 20% darker color. If you saturate the color by 10%, you get **79.8755, 85.9277, 71.0883**, and if you desaturate by 10%, it is **88.8141, 92.8476, 107.8481**.

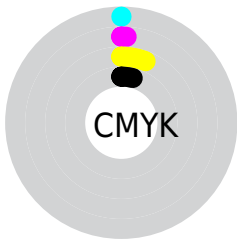
Distribution



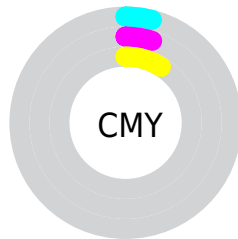
- Red (96%)
- Green (95%)
- Blue (91%)



- Red (91%)
- Yellow (96%)
- Blue (91%)



- Cyan (0%)
- Magenta (1%)
- Yellow (6%)
- Black (4%)



- Cyan (4%)
- Magenta (5%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.1306, 89.2832, 88.4005 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 84.1306, 89.2832, 88.4005 by changing the saturation by 10% instead.

84.1306, 89.2832,
88.4005

84.1306, 89.2832,
88.4005

497.2739,
525.6964, 543.2492

63.4433, 67.3863,
66.0886

138.0782,
146.3423, 147.0306

46.4600, 49.3986,
47.8874

172.0692,
182.2733, 184.1860

32.8151, 34.9358,
33.3784

211.2255,
223.6512, 227.1261

22.1434, 23.6134,
22.1430

255.9125,
270.8602, 276.2697

14.0795, 15.0471,
13.7627

306.4954,
324.2848, 332.0353

8.2580, 8.8525,
7.8189

363.3398,

4.3137, 4.6451,

384.3095, 394.8414

3.8932

426.8108,
451.3185, 465.1065

■ 1.8811, 2.0406,
1.5669

■ 0.5658, 0.6309,
0.2671

■ 84.1306, 89.2832,
88.4005

■ 84.1306, 89.2832,
88.4005

■ 79.8755, 85.9277,
71.0883

■ 88.8141, 92.8476,
107.8481

■ 76.1020, 82.7936,
56.2265

■ 89.8892, 94.9978,
108.2065

■ 72.7913, 79.8761,
43.7043

■ 90.9843, 97.1881,
108.5715

■ 69.9201, 77.1657,
33.4000

■ 91.4667, 98.1527,
108.7323

■ 67.4631, 74.6521,
25.1812

■ 65.3924, 72.3238,
18.9010

■ 63.6764, 70.1682,
14.3938

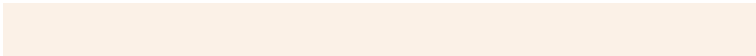
■ 62.2782, 68.1703,
11.4659

■ 61.1522, 66.3117,
9.8780

Harmonies

Analogous

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



85.8180, 89.2832, 88.5597



84.1306, 89.2832, 88.4005



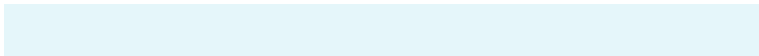
82.6582, 89.2832, 90.5458

Triad

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



84.1306, 89.2832, 88.4005



82.4995, 89.2832, 103.7181



88.0156, 89.2832, 99.9703

Complementary

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



84.1306, 89.2832, 88.4005



78.5753, 81.8581, 98.0461

Split Complementary

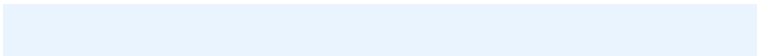
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.1026, 89.2832, 104.2023



84.1306, 89.2832, 88.4005



83.9112, 89.2832, 106.4150

Square

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



84.1306, 89.2832, 88.4005



81.7250, 89.2832, 99.3272



85.5956, 89.2832, 106.5951



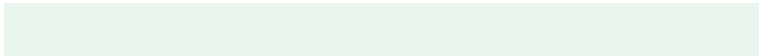
88.0763, 89.2832, 95.1314

Rectangle

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



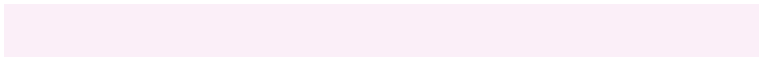
84.1306, 89.2832, 88.4005



81.9906, 89.2832, 93.0368



85.5956, 89.2832, 106.5951



87.7977, 89.2832, 101.5148

Sweetspot

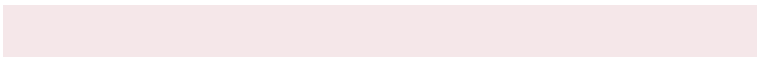
The Sweet Spot groups the original color and five complimentary colors.



84.1331, 89.2871, 88.4024



94.0082, 99.2129, 104.5555



80.9556, 82.4545, 88.8155



20.1326, 21.2439, 22.4247



0.0000, 0.0000, 0.0000



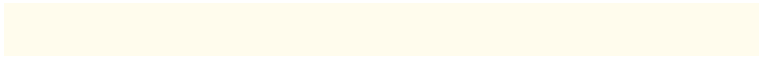
20.3446, 21.4041, 23.3091

Same Dimension

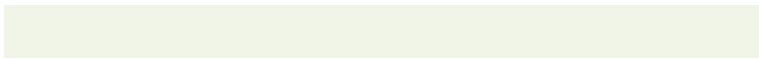
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.1331, 89.2871, 88.4024



91.5017, 97.2906, 94.1920



83.0465, 89.6183, 88.5236



17.8793, 19.0261, 18.2374



32.7908, 35.4671, 5.1176



2.9360, 3.2253, 0.4678

Inverse Universe

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



78.5753, 81.8581, 98.0461



84.0953, 87.3906, 107.0435



79.6174, 81.5615, 97.9339



16.3151, 16.9353, 20.9515



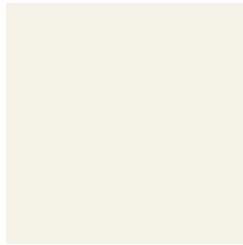
9.2602, 4.3141, 46.8827



0.8711, 0.4936, 4.1396

Previews

White Background



This preview shows how the XYZ color 84.1306, 89.2832, 88.4005 looks on a white background.

Color Contrast Check

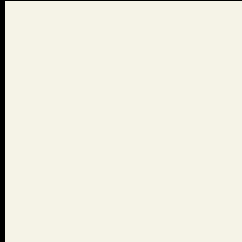
Large Text (above 18pt) WCAG AA × Fail

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 84.1306, 89.2832, 88.4005 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

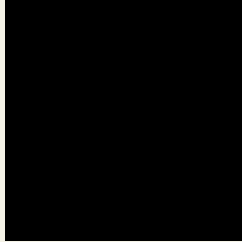
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

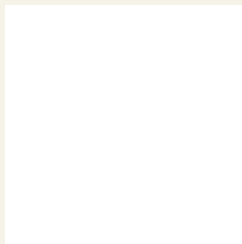
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.1306, 89.2832, 88.4005

Background



This preview shows how black text looks on a background with the XYZ color 84.1306, 89.2832, 88.4005.



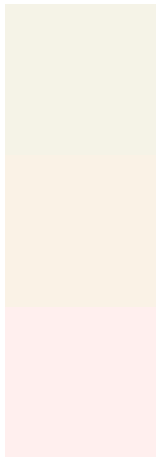
This preview shows how white text looks on a background with the XYZ color 84.1306, 89.2832,

88.405.

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

84.1306, 89.2832, 88.4005

Protanopia

85.4594, 89.5414, 87.6419

Deuteranopia

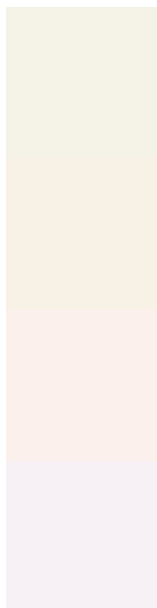
87.5391, 89.1661, 93.4859



Tritanopia

87.9215, 89.4966, 107.2484

Trichromacy



Original Color

84.1306, 89.2832, 88.4005

Protanomaly

84.7465, 89.1739, 87.6086

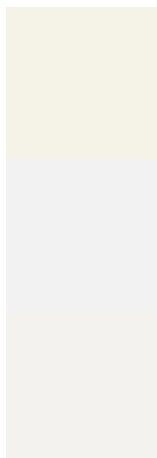
Deuteranomaly

85.9391, 88.8276, 91.2132

Tritanomaly

86.4476, 89.3386, 99.8766

Monochromacy



Original Color

84.1306, 89.2832, 88.4005

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

84.1469, 88.7320, 93.5809

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.1306, 89.2832, 88.4005 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(245, 243, 231) looks like.

```
.text, #text, p{  
    color:rgb(245, 243, 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(245, 243, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 243, 231) }
```

Border

The CSS property to change the border of an element to XYZ 84.1306, 89.2832, 88.4005 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(245, 243, 231) }
```


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

```
.border{ border-color:rgb(245, 243, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 243, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 243, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 243, 231);  
box-shadow:4px 4px 4px 4px rgb(245, 243,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 84.1306, 89.2832, 88.4005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 243, 231) }
```

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

```
.background{ background-color: rgb(245,  
243, 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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