

Converting Colors

XYZ(83.0423, 86.9016, 86.9670)

Have a look what the booklet for
XYZ(83.0423, 86.9016, 86.9670)
contains.

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Color

**XYZ(83.1555, 87.0390,
87.2804)**

Conversions

Conversions Part 1

Format	Color
Hex	F6EFE6
RGB	246, 239, 230
RGB Percent	96%, 94%, 90%
CMY	0.0353, 0.0627, 0.0980
CMYK	0.00, 0.03, 0.07, 0.04
HSL	34°, 47%, 93%
HSV	34°, 7%, 96%
XYZ	83.1555, 87.0390, 87.2804
YIQ	240.0670, 7.0610, -1.3150

Conversions

Conversions Part 2

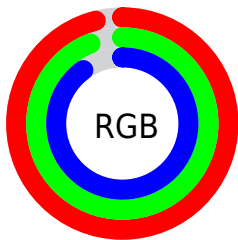
Format	Color
R _Y B	242, 246, 230
Decimal	16183270
CIE Lab	94.75, 0.82, 5.17
CIE LCh	95, 5.234, 80.976
Yxy	87.0390, 0.3230, 0.3380
Android (android.graphics.Color)	4294373350 (0xFF6EFE6)
YUV	240.0670, -4.9630, 5.2032
Hunter-Lab	93.2947, -4.1650, 9.8384

Details

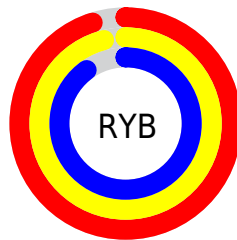
The XYZ color **83.1555, 87.0390, 87.2804** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.5519, 84.0440, 99.2192**, and the grayscale version is **82.9127, 87.2307, 94.9942**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.9066, 47.9093, 47.3853** is the 20% darker color. If you saturate the color by 10%, you get **76.8867, 79.6447, 69.3327**, and if you desaturate by 10%, it is **90.1041, 95.0107, 107.8620**.

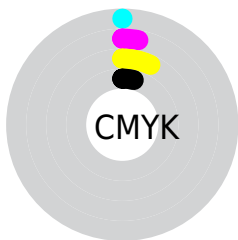
Distribution



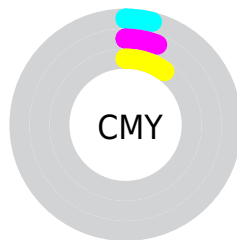
- Red (96%)
- Green (94%)
- Blue (90%)



- Red (95%)
- Yellow (96%)
- Blue (90%)



- Cyan (0%)
- Magenta (3%)
- Yellow (7%)
- Black (4%)



- Cyan (4%)
- Magenta (6%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 83.1555, 87.0390, 87.2804 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 83.1555, 87.0390, 87.2804 by changing the saturation by 10% instead.

83.1555, 87.0390,
87.2804

83.1555, 87.0390,
87.2804

494.0807,
518.3510, 539.4839

62.6358, 65.5275,
65.1663

136.7206,
143.2185, 145.4572

45.8042, 47.8889,
47.1438

170.4967,
178.6553, 182.3570

32.2953, 33.7389,
32.7942

209.4224,
219.5026, 225.0225

21.7438, 22.6931,
21.6990

253.8629,
266.1448, 273.8722

13.7843, 14.3671,
13.4397

304.1836,
318.9664, 329.3247

8.0515, 8.3764,
7.5977

360.7499,

4.1800, 4.3367,

378.3517, 391.7984

3.7546

423.9272,
444.6851, 461.7120

■ 1.8045, 1.8637,
1.4917

■ 0.5204, 0.5264,
0.2117

■ 83.1555, 87.0390,
87.2804

■ 83.1555, 87.0390,
87.2804

■ 76.8867, 79.6447,
69.3327

■ 90.1041, 95.0107,
107.8620

■ 71.2670, 72.8019,
53.9054

■ 91.8165, 98.3331,
108.7487

■ 66.2738, 66.4990,
40.8846

■ 61.8800, 60.7199,
30.1457

■ 58.0567, 55.4473,
21.5527

■ 54.7719, 50.6626,
14.9549

■ 51.9896, 46.3453,
10.1819

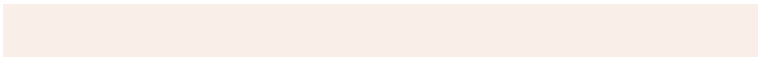
■ 49.6683, 42.4729,
7.0339

■ 47.7568, 39.0183,
5.2612

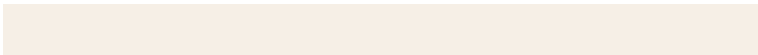
Harmonies

Analogous

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



84.4532, 87.0390, 88.8443



83.1555, 87.0390, 87.2804



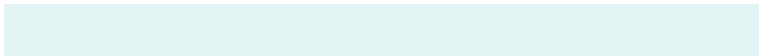
81.7577, 87.0390, 87.6786

Triad

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



83.1555, 87.0390, 87.2804



80.2130, 87.0390, 97.5879



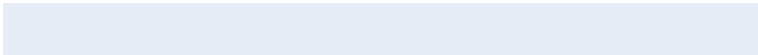
84.8600, 87.0390, 99.7628

Complementary

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



83.1555, 87.0390, 87.2804



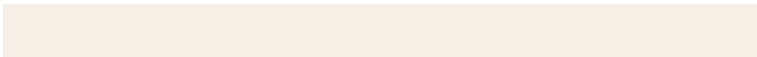
79.5519, 84.0440, 99.2192

Split Complementary

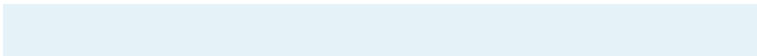
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.7059, 87.0390, 102.2353



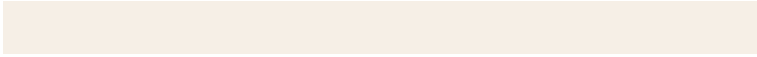
83.1555, 87.0390, 87.2804



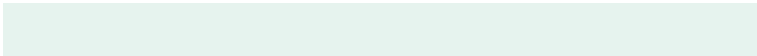
81.0264, 87.0390, 100.9549

Square

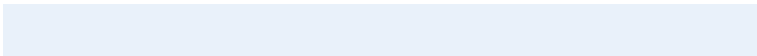
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



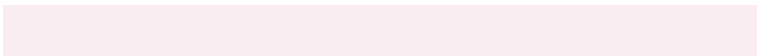
83.1555, 87.0390, 87.2804



80.0695, 87.0390, 93.5536



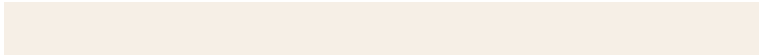
82.3019, 87.0390, 102.6777



85.4447, 87.0390, 95.9983

Rectangle

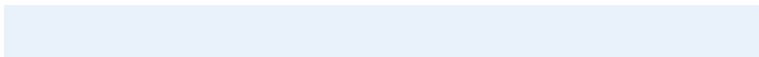
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83.1555, 87.0390, 87.2804



80.9564, 87.0390, 89.0078



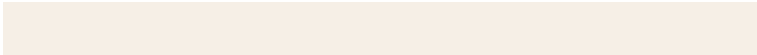
82.3019, 87.0390, 102.6777



84.5252, 87.0390, 100.7770

Sweetspot

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



83.1579, 87.0428, 87.2823



93.5324, 98.2614, 104.3969



81.6194, 82.3139, 91.8617



20.0357, 21.0503, 22.3924



0.0000, 0.0000, 0.0000



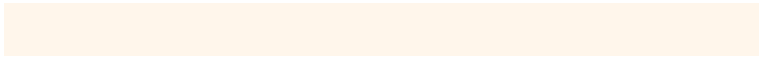
20.3446, 21.4041, 23.3091

Same Dimension

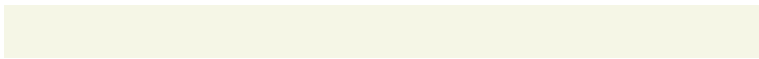
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.1579, 87.0428, 87.2823



89.1579, 93.1956, 91.5840



84.9659, 91.0744, 87.9652



17.2729, 18.0300, 17.3673



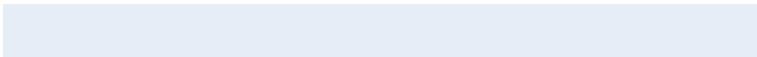
25.3133, 20.5121, 2.6251



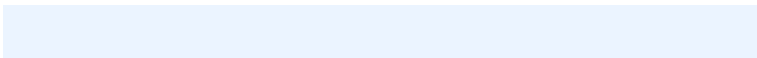
2.3270, 2.0072, 0.2648

Inverse Universe

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



79.5519, 84.0440, 99.2192



84.3853, 89.2267, 107.3826



77.8231, 80.2045, 98.5692



16.1773, 17.1188, 20.9942



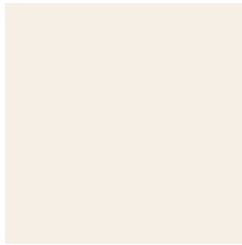
11.8504, 9.4946, 47.7461



1.1419, 1.0352, 4.2299

Previews

White Background



This preview shows how the XYZ color 83.1555, 87.0390, 87.2804 looks on a white background.

Color Contrast Check

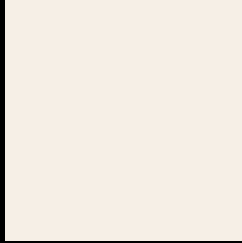
Large Text (above 18pt) WCAG AA × Fail

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 83.1555, 87.0390, 87.2804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

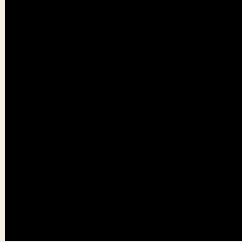
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

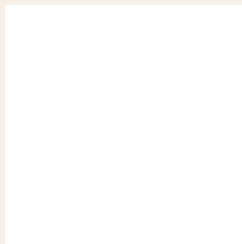
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.1555, 87.0390, 87.2804

Background



This preview shows how black text looks on a background with the XYZ color 83.1555, 87.0390, 87.2804.



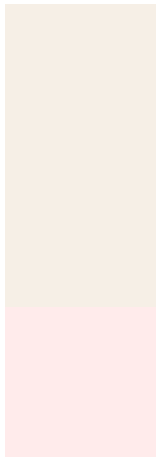
This preview shows how white text looks on a background with the XYZ color 83.1555, 87.0390,

87.2804.

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

83.1555, 87.0390, 87.2804

Protanopia

83.1555, 87.0390, 87.2804

Deuteranopia

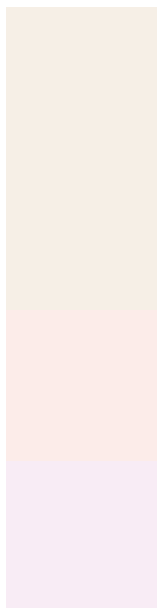
85.9437, 86.6748, 90.7975



Tritanopia

86.6646, 86.7122, 105.9353

Trichromacy



Original Color

83.1555, 87.0390, 87.2804

Protanomaly

83.1555, 87.0390, 87.2804

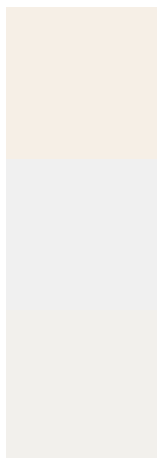
Deuteranomaly

84.8483, 86.5695, 89.3284

Tritanomaly

85.1883, 86.5399, 98.6002

Monochromacy



Original Color

83.1555, 87.0390, 87.2804

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

82.9184, 87.2536, 91.8282

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.1555, 87.0390, 87.2804 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(246, 239, 230) looks like.

```
.text, #text, p{  
    color:rgb(246, 239, 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(246, 239, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 239, 230) }
```

Border

The CSS property to change the border of an element to XYZ 83.1555, 87.0390, 87.2804 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(246, 239, 230) }
```


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

```
.border{ border-color:rgb(246, 239, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 239, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(246, 239, 230); -webkit-box-shadow:4px 4px 4px 4px rgb(246, 239, 230); box-shadow:4px 4px 4px 4px rgb(246, 239, 230) }
```

Background

The CSS property to change the background color of an element to XYZ 83.1555, 87.0390, 87.2804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 239, 230) }
```

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

```
.background{ background-color: rgb(246,  
239, 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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