

Converting Colors

XYZ(83.0310, 88.7573, 86.1521)

Have a look what the booklet for
XYZ(83.0310, 88.7573, 86.1521)
contains.

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Color

**XYZ(83.0163, 88.7573,
86.1552)**

Conversions

Conversions Part 1

Format	Color
Hex	F3F3E4
RGB	243, 243, 228
RGB Percent	95%, 95%, 89%
CMY	0.0471, 0.0470, 0.1059
CMYK	0.00, 0.00, 0.06, 0.05
HSL	60°, 38%, 92%
HSV	60°, 6%, 95%
XYZ	83.0163, 88.7573, 86.1552
YIQ	241.2900, 4.8150, -4.6650

Conversions

Conversions Part 2

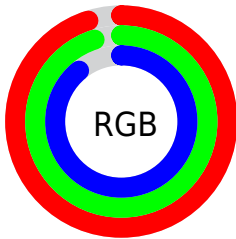
Format	Color
R_{YB}	228, 243, 228
Decimal	15987684
CIE _{Lab}	95.48, -2.57, 7.22
CIE _{LCh}	95, 7.663, 109.573
Yxy	88.7573, 0.3219, 0.3441
Android (android.graphics.Color)	4294177764 (0xFFFF3F3E4)
YUV	241.2900, -6.5520, 1.4997
Hunter-Lab	94.2111, -7.5800, 11.7276

Details

The XYZ color **83.0163, 88.7573, 86.1552** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.9194, 78.4542, 95.9405**, and the grayscale version is **83.8869, 88.2556, 96.1103**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.8067, 49.1226, 46.6025** is the 20% darker color. If you saturate the color by 10%, you get **79.8755, 87.5036, 69.6190**, and if you desaturate by 10%, it is **86.6362, 90.2085, 105.1926**.

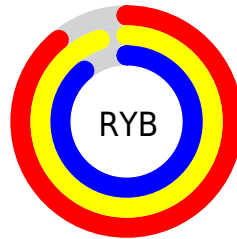
Distribution



Red (95%)

Green (95%)

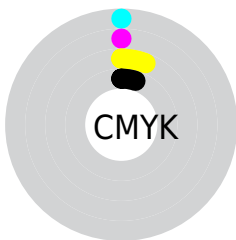
Blue (89%)



Red (89%)

Yellow (95%)

Blue (89%)

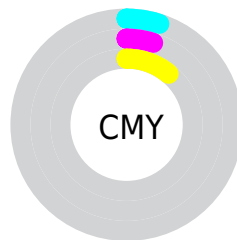


Cyan (0%)

Magenta (0%)

Yellow (6%)

Black (5%)



Cyan (5%)


Magenta (5%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.0163, 88.7573, 86.1552 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 83.0163, 88.7573, 86.1552 by changing the saturation by 10% instead.


 83.0163, 88.7573,
86.1552

 83.0163, 88.7573,
86.1552


493.6240,
523.9801, 535.6868

 62.5206, 66.9504,
64.2407


136.5267,
145.6110, 143.8745

 45.7106, 49.0443,
46.3982


170.2721,
181.4266, 180.5164

 32.2212, 34.6547,
32.2092


209.1647,
222.6806, 222.9045

 21.6869, 23.3970,
21.2552

253.5699,
269.7574, 271.4573

 13.7423, 14.8869,
13.1176

303.8531,
323.0413, 326.5934

 8.0222, 8.7400,
7.3779

360.3796,

 4.1611, 4.5720,

382.9168, 388.7313

3.6175

423.5147,
449.7683, 458.2896

■ 1.7936, 1.9984,
1.4180

■ 0.5138, 0.6065,
0.1557

■ 83.0163, 88.7573,
86.1552

■ 83.0163, 88.7573,
86.1552

■ 79.8755, 87.5036,
69.6190

■ 86.6362, 90.2085,
105.1926

■ 77.1869, 86.4278,
55.4746


■ 87.0702, 90.3824,
107.4642


■ 74.9318, 85.5254,
43.6131


■ 87.0729, 90.3837,
107.4643


■ 73.0874, 84.7874,
33.9150


■ 87.0755, 90.3851,
107.4644


 71.6292, 84.2038,
26.2498


 87.0782, 90.3865,
107.4646


 70.5295, 83.7636,
20.4729


 87.0808, 90.3878,
107.4647


 69.7575, 83.4545,
16.4211

 87.0835, 90.3892,
107.4648

 69.2766, 83.2619,
13.9030

 87.0862, 90.3906,
107.4649

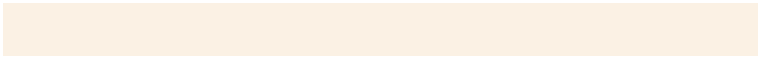
 69.0420, 83.1677,
12.6810

 87.0888, 90.3919,
107.4651

Harmonies

Analogous

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



85.0936, 88.7573, 85.7141



83.0163, 88.7573, 86.1552



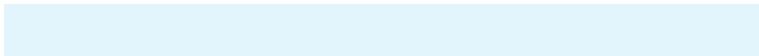
81.3261, 88.7573, 89.3385

Triad

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



83.0163, 88.7573, 86.1552



81.7710, 88.7573, 105.7099



88.3929, 88.7573, 98.7485

Complementary

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



83.0163, 88.7573, 86.1552



75.9194, 78.4542, 95.9405

Split Complementary

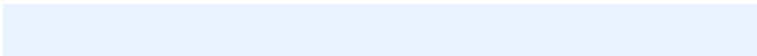
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.4708, 88.7573, 104.3323



83.0163, 88.7573, 86.1552



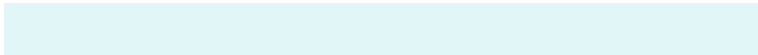
83.6329, 88.7573, 108.4606

Square

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



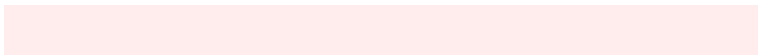
83.0163, 88.7573, 86.1552



80.6154, 88.7573, 100.5658



85.7204, 88.7573, 107.9462



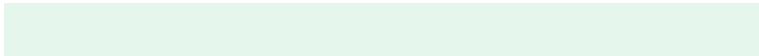
88.2212, 88.7573, 92.8209

Rectangle

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



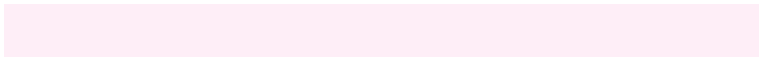
83.0163, 88.7573, 86.1552



80.6353, 88.7573, 92.6636



85.7204, 88.7573, 107.9462



88.2000, 88.7573, 100.7319

Sweetspot

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



83.0188, 88.7612, 86.1571



94.2390, 99.6755, 104.6327



78.7119, 80.1450, 84.7210



20.1795, 21.3381, 22.4404



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

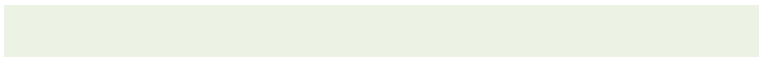
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.0188, 88.7612, 86.1571



92.3059, 98.9021, 94.4607



80.4837, 87.4543, 86.0385



18.0497, 19.3676, 18.2943



37.8624, 45.6316, 6.8122



3.3279, 4.0107, 0.5987

Inverse Universe

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



75.9194, 78.4542, 95.9405



83.3547, 85.9066, 106.7961



78.3500, 79.7072, 96.0543



16.1593, 16.6230, 20.8994



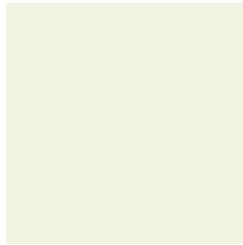
8.8796, 3.5519, 46.7556



0.7806, 0.3123, 4.1094

Previews

White Background



This preview shows how the XYZ color 83.0163, 88.7573, 86.1552 looks on a white background.

Color Contrast Check

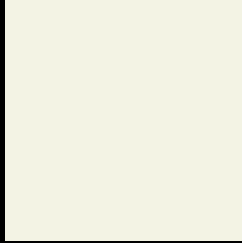
Large Text (above 18pt) WCAG AA × Fail

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 83.0163, 88.7573, 86.1552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

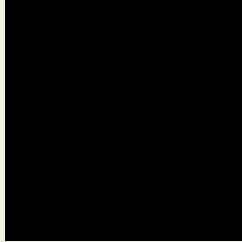
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

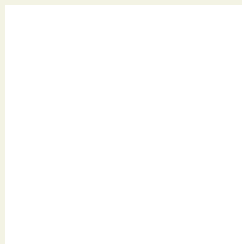
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.0163, 88.7573, 86.1552

Background



This preview shows how black text looks on a background with the XYZ color 83.0163, 88.7573, 86.1552.



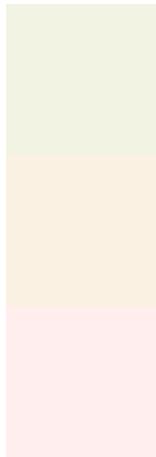
This preview shows how white text looks on a background with the XYZ color 83.0163, 88.7573,

86.1552.

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

83.0163, 88.7573, 86.1552

Protanopia

84.7448, 88.7806, 85.3429

Deuteranopia

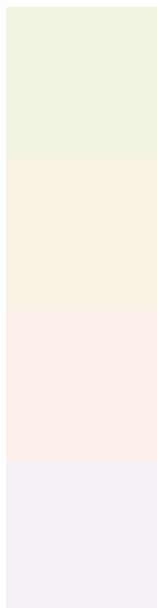
87.1006, 88.5235, 92.6168



Tritanopia

86.9225, 88.5458, 107.1175

Trichromacy



Original Color

83.0163, 88.7573, 86.1552

Protanomaly

83.9750, 88.8245, 85.3919

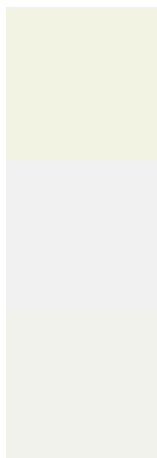
Deuteranomaly

85.7950, 88.7699, 90.4543

Tritanomaly

85.2977, 88.3252, 98.9390

Monochromacy



Original Color

83.0163, 88.7573, 86.1552

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

83.5104, 88.4376, 92.0256

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.0163, 88.7573, 86.1552 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(243, 243, 228) looks like.

```
.text, #text, p{  
    color:rgb(243, 243, 228)  
}
```

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(243, 243, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 243, 228) }
```

Border

The CSS property to change the border of an element to XYZ 83.0163, 88.7573, 86.1552 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(243, 243, 228) }
```


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

```
.border{ border-color:rgb(243, 243, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 243, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 243, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 243, 228);  
box-shadow:4px 4px 4px 4px rgb(243, 243,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 83.0163, 88.7573, 86.1552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 243, 228) }
```

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

```
.background{ background-color: rgb(243,  
243, 228) }
```

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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