

Converting Colors

XYZ(83.0774, 85.6449, 85.7169)

Have a look what the booklet for
XYZ(83.0774, 85.6449, 85.7169)
contains.

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Color

**XYZ(83.0660, 85.7321,
85.5687)**

Conversions

Conversions Part 1

Format	Color
Hex	F9ECE4
RGB	249, 236, 228
RGB Percent	98%, 93%, 89%
CMY	0.0235, 0.0745, 0.1059
CMYK	0.00, 0.05, 0.08, 0.02
HSL	23°, 64%, 94%
HSV	23°, 8%, 98%
XYZ	83.0660, 85.7321, 85.5687
YIQ	238.9750, 10.3160, 0.2680

Conversions

Conversions Part 2

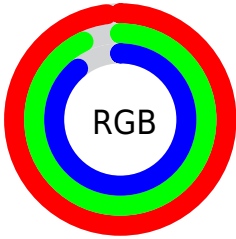
Format	Color
R_{YB}	249, 241, 228
Decimal	16379108
CIE _{Lab}	94.20, 3.05, 5.43
CIE _{LCh}	94, 6.230, 60.678
Yxy	85.7321, 0.3266, 0.3370
Android (android.graphics.Color)	4294569188 (0xFFFF9ECE4)
YUV	238.9750, -5.4107, 8.7919
Hunter-Lab	92.5916, -1.8991, 10.0212

Details

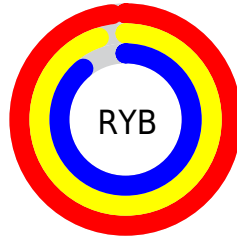
The XYZ color **83.0660, 85.7321, 85.5687** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.5489, 86.2427, 102.0247**, and the grayscale version is **82.0619, 86.3355, 94.0193**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.8564, 46.9971, 46.1896** is the 20% darker color. If you saturate the color by 10%, you get **75.6091, 75.9569, 67.2395**, and if you desaturate by 10%, it is **91.4083, 96.4795, 106.6512**.

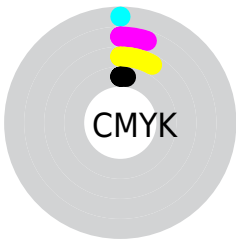
Distribution



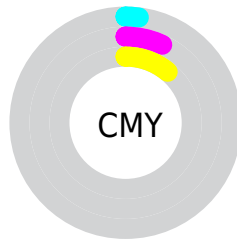
- Red (98%)
- Green (93%)
- Blue (89%)



- Red (98%)
- Yellow (95%)
- Blue (89%)



- Cyan (0%)
- Magenta (5%)
- Yellow (8%)
- Black (2%)





- Cyan (2%)
- Magenta (7%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.0660, 85.7321, 85.5687 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 83.0660, 85.7321, 85.5687 by changing the saturation by 10% instead.


 83.0660, 85.7321,
85.5687

 83.0660, 85.7321,
85.5687


493.7871,
514.0474, 533.7016

 62.5617, 64.4465,
63.7585

136.5959,
141.3956, 143.0487

 45.7440, 47.0124,
46.0102


170.3523,
176.5422, 179.5556

 32.2476, 33.0454,
31.9051


209.2567,
217.0780, 221.7984

 21.7072, 22.1613,
21.0248

253.6745,
263.3873, 270.1958

 13.7573, 13.9754,
12.9507

303.9711,
315.8544, 325.1663

 8.0326, 8.1036,
7.2643

360.5118,

 4.1678, 4.1613,

374.8639, 387.1284

3.5470

423.6620,
440.8001, 456.5006

■ 1.7975, 1.7642,
1.3803

■ 0.5162, 0.4647,
0.1263

■ 83.0660, 85.7321,
85.5687

■ 83.0660, 85.7321,
85.5687

■ 75.6091, 75.9569,
67.2395

■ 91.4083, 96.4795,
106.6512

■ 68.9998, 67.1150,
51.5434

■ 92.8774, 98.8800,
108.7983

■ 63.2076, 59.1810,
38.3593

■ 58.1977, 52.1242,
27.5544

■ 53.9321, 45.9120,
18.9836

■ 50.3696, 40.5096,
12.4856

■ 47.4640, 35.8790,
7.8770

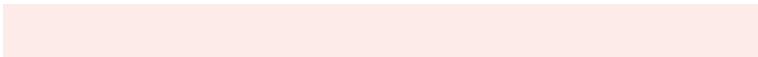
■ 45.1621, 31.9785,
4.9417

■ 43.3935, 28.7579,
3.3758

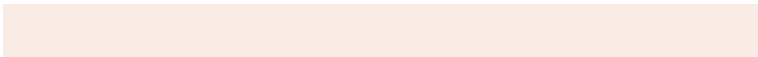
Harmonies

Analogous

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



84.2744, 85.7321, 88.7408



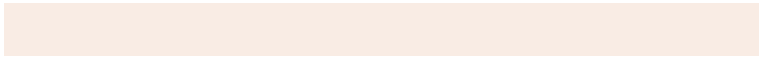
83.0660, 85.7321, 85.5687



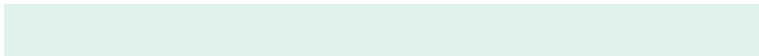
81.4479, 85.7321, 84.4640

Triad

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



83.0660, 85.7321, 85.5687



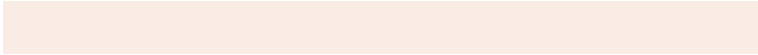
78.3218, 85.7321, 93.4563



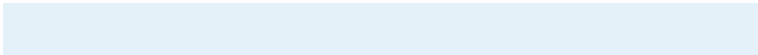
83.1325, 85.7321, 101.4695

Complementary

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



83.0660, 85.7321, 85.5687



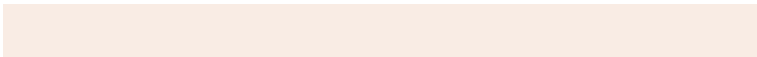
80.5489, 86.2427, 102.0247

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.



81.5237, 85.7321, 102.8334



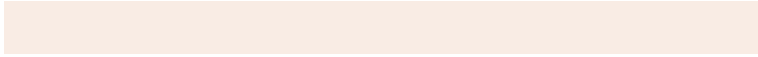
83.0660, 85.7321, 85.5687



78.7594, 85.7321, 98.1113

Square

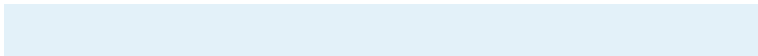
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.0660, 85.7321, 85.5687



78.7223, 85.7321, 88.9228



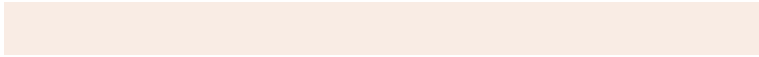
79.9257, 85.7321, 101.5844



84.3132, 85.7321, 97.9169

Rectangle

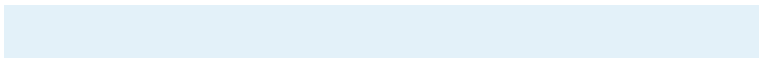
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83.0660, 85.7321, 85.5687



80.3589, 85.7321, 85.0179



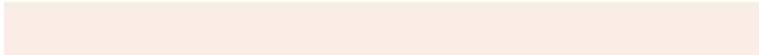
79.9257, 85.7321, 101.5844



82.6232, 85.7321, 102.2045

Sweetspot

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



83.0684, 85.7359, 85.5705



92.3509, 96.5336, 102.0446



82.7335, 81.9966, 94.9218



19.6156, 20.4673, 21.4593



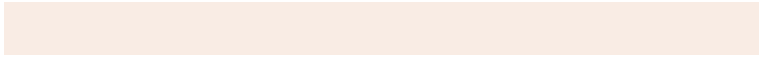
0.0000, 0.0000, 0.0000



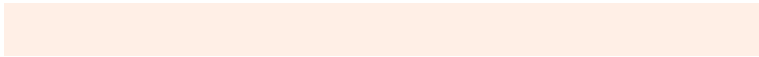
20.3446, 21.4041, 23.3091

Same Dimension

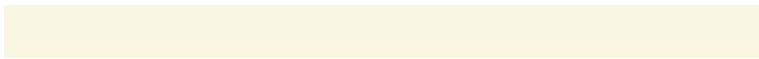
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.0684, 85.7359, 85.5705



86.3837, 88.8068, 87.0838



86.0882, 91.7756, 86.5772



17.7869, 18.3096, 18.0590



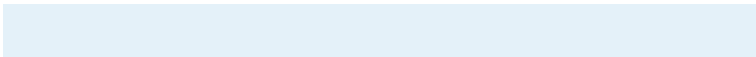
23.2245, 15.4056, 1.7495



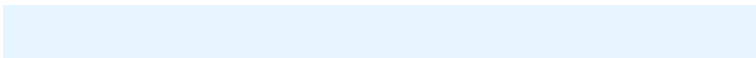
2.2497, 1.6243, 0.1950

Inverse Universe

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



80.5489, 86.2427, 102.0247



83.2602, 89.4349, 107.4821



77.6150, 80.3748, 101.0467



17.1776, 18.4321, 22.0377



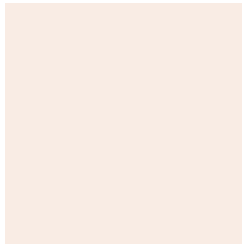
15.4878, 16.3312, 50.3095



1.5368, 1.7172, 4.6936

Previews

White Background



This preview shows how the XYZ color 83.0660, 85.7321, 85.5687 looks on a white background.

Color Contrast Check

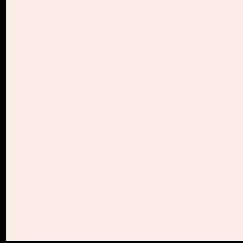
Large Text (above 18pt) WCAG AA × Fail

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 83.0660, 85.7321, 85.5687 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

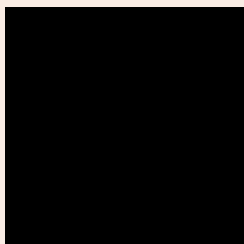
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

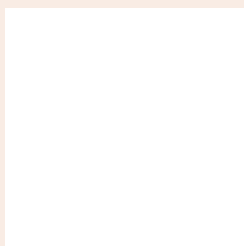
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.0660, 85.7321, 85.5687

Background



This preview shows how black text looks on a background with the XYZ color 83.0660, 85.7321, 85.5687.



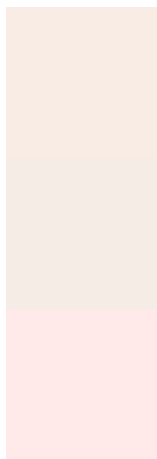
This preview shows how white text looks on a background with the XYZ color 83.0660, 85.7321,

85.5687.

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

83.0660, 85.7321, 85.5687

Protanopia

82.0832, 85.6380, 86.3323

Deuteranopia

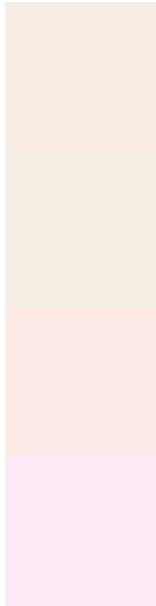
85.0869, 85.4210, 89.0941



Tritanopia

86.6964, 85.9383, 103.2851

Trichromacy



Original Color

83.0660, 85.7321, 85.5687

Protanomaly

82.4331, 85.8183, 86.3486

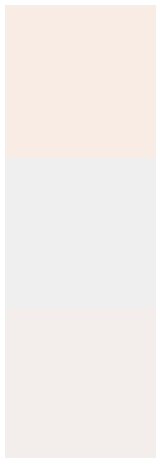
Deuteranomaly

84.3546, 85.4978, 87.6581

Tritanomaly

85.3841, 85.8259, 96.8599

Monochromacy



Original Color

83.0660, 85.7321, 85.5687

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

82.5321, 86.2019, 90.8860

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.0660, 85.7321, 85.5687 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(249, 236, 228) looks like.

```
.text, #text, p{  
    color:rgb(249, 236, 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(249, 236, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 236, 228) }
```

Border

The CSS property to change the border of an element to XYZ 83.0660, 85.7321, 85.5687 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(249, 236, 228) }
```


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

```
.border{ border-color:rgb(249, 236, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 236, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 236, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 236, 228);  
box-shadow:4px 4px 4px 4px rgb(249, 236,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 83.0660, 85.7321, 85.5687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 236, 228) }
```

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

```
.background{ background-color: rgb(249,  
236, 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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