

Converting Colors

XYZ(82.6815, 88.5977, 71.5287)

Have a look what the booklet for
XYZ(82.6815, 88.5977, 71.5287)
contains.

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Color

**XYZ(82.7983, 88.5185,
71.7533)**

Conversions

Conversions Part 1

Format	Color
Hex	FBF2CF
RGB	251, 242, 207
RGB Percent	98%, 95%, 81%
CMY	0.0157, 0.0510, 0.1882
CMYK	0.00, 0.04, 0.18, 0.02
HSL	48°, 85%, 90%
HSV	48°, 18%, 98%
XYZ	82.7983, 88.5185, 71.7533
YIQ	240.7010, 16.5990, -8.9770

Conversions

Conversions Part 2

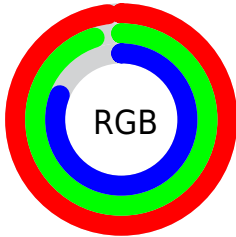
Format	Color
R_{YB}	218, 251, 207
Decimal	16511695
CIE _{Lab}	95.38, -2.55, 17.99
CIE _{LCh}	95, 18.170, 98.082
Yxy	88.5185, 0.3406, 0.3642
Android (android.graphics.Color)	4294701775 (0xFFFBF2CF)
YUV	240.7010, -16.6146, 9.0322
Hunter-Lab	94.0843, -7.5596, 20.6415

Details

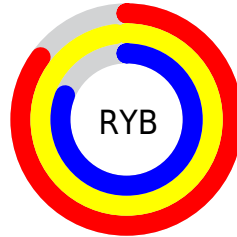
The XYZ color **82.7983, 88.5185, 71.7533** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **67.7003, 69.3407, 101.0834**, and the grayscale version is **83.4934, 87.8415, 95.6594**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.5568, 48.8871, 37.1720** is the 20% darker color. If you saturate the color by 10%, you get **78.4653, 84.3788, 56.3540**, and if you desaturate by 10%, it is **87.6667, 92.9470, 89.7399**.

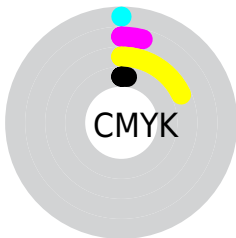
Distribution



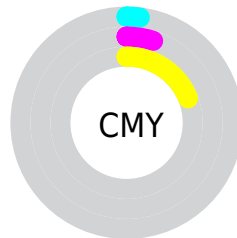
- Red (98%)
- Green (95%)
- Blue (81%)



- Red (85%)
- Yellow (98%)
- Blue (81%)



- Cyan (0%)
- Magenta (4%)
- Yellow (18%)
- Black (2%)





- Cyan (2%)
- Magenta (5%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.7983, 88.5185, 71.7533 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 82.7983, 88.5185, 71.7533 by changing the saturation by 10% instead.


 82.7983, 88.5185,
71.7533

 82.7983, 88.5185,
71.7533


492.9082,
523.1997, 485.6369

 62.3401, 66.7526,
52.4716

136.2229,
145.2788, 123.4102

 45.5642, 48.8836,
36.9963


169.9201,
181.0420, 156.6224

 32.1052, 34.5271,
24.9088


208.7609,
222.2396, 195.3152

 21.5978, 23.2988,
15.7907

253.1108,
269.2562, 239.9072

 13.6766, 14.8143,
9.2235

303.3352,
322.4761, 290.8167

 7.9763, 8.6892,
4.7884

359.7993,

 4.1315, 4.5390,

382.2838, 348.4625

2.0671

422.8685,
449.0635, 413.2631

■ 1.7768, 1.9794,
0.5961

■ 0.5036, 0.5955,
0.0000

■ 82.7983, 88.5185,
71.7533

■ 82.7983, 88.5185,
71.7533

■ 78.4653, 84.3788,
56.3540

■ 87.6667, 92.9470,
89.7399

■ 74.6374, 80.5061,
43.4150

■ 92.7287, 97.5190,
108.5435

■ 71.2917, 76.8937,
32.8074

■ 93.5940, 99.2494,
108.8319

■ 68.4007, 73.5302,
24.3879

■ 65.9338, 70.4025,
17.9975

■ 63.8564, 67.4964,
13.4556

■ 62.1278, 64.7950,
10.5494

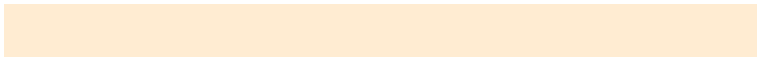
■ 60.6946, 62.2762,
8.9996

■ 60.3663, 61.6742,
8.7227

Harmonies

Analogous

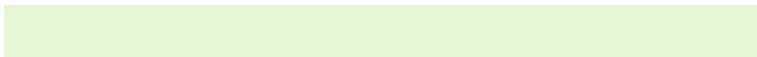
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.7506, 88.5185, 73.1636



82.7983, 88.5185, 71.7533



78.3787, 88.5185, 76.4112

Triad

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



82.7983, 88.5185, 71.7533



76.8368, 88.5185, 114.2597



93.3112, 88.5185, 106.9588

Complementary

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



82.7983, 88.5185, 71.7533



67.7003, 69.3407, 101.0834

Split Complementary

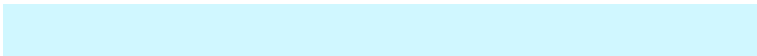
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.1648, 88.5185, 119.5596



82.7983, 88.5185, 71.7533



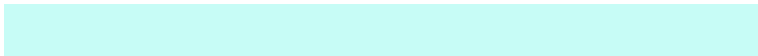
80.6185, 88.5185, 124.0554

Square

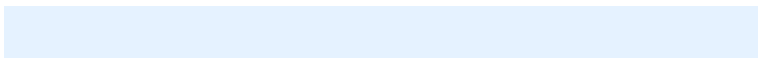
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.7983, 88.5185, 71.7533



75.0263, 88.5185, 100.2793



85.4843, 88.5185, 126.0847



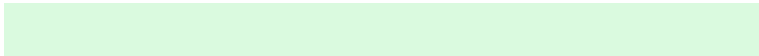
93.9508, 88.5185, 92.5862

Rectangle

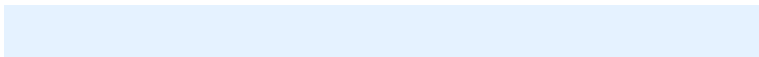
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.7983, 88.5185, 71.7533



76.2835, 88.5185, 82.6287



85.4843, 88.5185, 126.0847



92.5058, 88.5185, 111.5817

Sweetspot

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



82.8007, 88.5224, 71.7552



92.2387, 97.5541, 98.1697



74.5612, 70.1215, 74.9340



19.6608, 20.8083, 20.7018



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

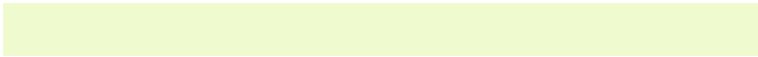
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.8007, 88.5224, 71.7552



84.2022, 90.2315, 68.5148



81.1998, 91.7698, 72.4664



18.4084, 19.5527, 18.2662



31.8381, 32.6329, 4.6207



3.0222, 3.1692, 0.4524

Inverse Universe

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



67.7003, 69.3407, 101.0834



65.9014, 66.9857, 104.0639



69.0805, 66.7245, 100.5056



16.5704, 17.2177, 21.8353



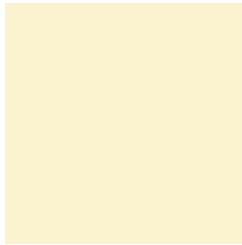
9.8644, 5.0844, 48.4350



0.9855, 0.6146, 4.5099

Previews

White Background



This preview shows how the XYZ color 82.7983, 88.5185, 71.7533 looks on a white background.

Color Contrast Check

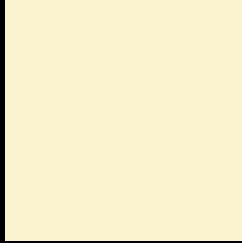
Large Text (above 18pt) WCAG AA × Fail

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 82.7983, 88.5185, 71.7533 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 82.7983, 88.5185, 71.7533

Background



This preview shows how black text looks on a background with the XYZ color 82.7983, 88.5185, 71.7533.



This preview shows how white text looks on a background with the XYZ color 82.7983, 88.5185,

71.7533.

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

82.7983, 88.5185, 71.7533

Protanopia

83.5908, 88.4864, 71.7054

Deuteranopia

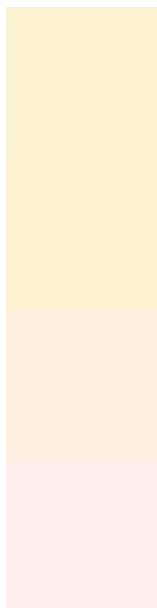
86.5303, 88.7625, 88.1735



Tritanopia

88.8061, 88.2792, 104.4545

Trichromacy



Original Color

82.7983, 88.5185, 71.7533

Protanomaly

83.2258, 88.2982, 71.6883

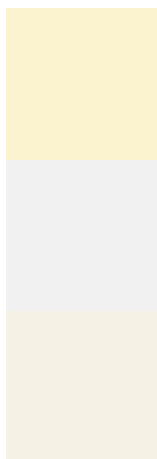
Deuteranomaly

85.2180, 88.6649, 81.7298

Tritanomaly

86.5879, 88.2760, 91.8322

Monochromacy



Original Color

82.7983, 88.5185, 71.7533

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

83.2543, 87.9802, 86.7226

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.7983, 88.5185, 71.7533 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(251, 242, 207)` looks like.

```
.text, #text, p{  
    color:rgb(251, 242, 207)  
}
```

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(251, 242, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 242, 207) }
```

Border

The CSS property to change the border of an element to XYZ 82.7983, 88.5185, 71.7533 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(251, 242, 207) }
```


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

```
.border{ border-color:rgb(251, 242, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 242, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 242, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 242, 207);  
box-shadow:4px 4px 4px 4px rgb(251, 242,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 82.7983, 88.5185, 71.7533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 242, 207) }
```

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

```
.background{ background-color: rgb(251,  
242, 207) }
```

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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