

Converting Colors

XYZ(82.9828, 87.9189, 71.6286)

Have a look what the booklet for
XYZ(82.9828, 87.9189, 71.6286)
contains.

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Color

**XYZ(82.9306, 87.7078,
71.5899)**

Conversions

Conversions Part 1

Format	Color
Hex	FDF0CF
RGB	253, 240, 207
RGB Percent	99%, 94%, 81%
CMY	0.0078, 0.0588, 0.1882
CMYK	0.00, 0.05, 0.18, 0.01
HSL	43°, 92%, 90%
HSV	43°, 18%, 99%
XYZ	82.9306, 87.7078, 71.5899
YIQ	240.1250, 18.3410, -7.5070

Conversions

Conversions Part 2

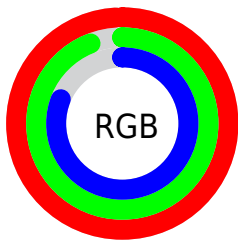
Format	Color
R _Y B	225, 253, 207
Decimal	16642255
CIE Lab	95.04, -0.83, 17.53
CIE LCh	95, 17.553, 92.711
Yxy	87.7078, 0.3424, 0.3621
Android (android.graphics.Color)	4294832335 (0xFFFD0CF)
YUV	240.1250, -16.3306, 11.2914
Hunter-Lab	93.6524, -5.8274, 20.2342

Details

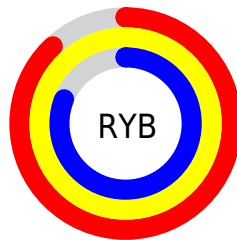
The XYZ color **82.9306, 87.7078, 71.5899** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **69.0547, 71.5422, 103.0986**, and the grayscale version is **83.0381, 87.3625, 95.1378**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.6552, 48.3166, 37.0567** is the 20% darker color. If you saturate the color by 10%, you get **78.0200, 82.4459, 55.8962**, and if you desaturate by 10%, it is **88.4244, 93.3416, 89.9253**.

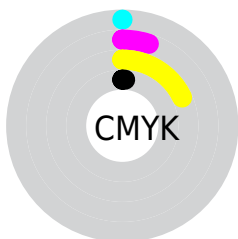
Distribution



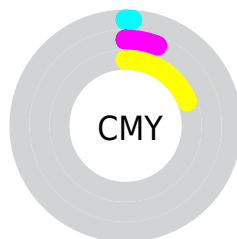
- Red (99%)
- Green (94%)
- Blue (81%)



- Red (88%)
- Yellow (99%)
- Blue (81%)



- Cyan (0%)
- Magenta (5%)
- Yellow (18%)
- Black (1%)




- Cyan (1%)
- Magenta (6%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.9306, 87.7078, 71.5899 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 82.9306, 87.7078, 71.5899 by changing the saturation by 10% instead.


 82.9306, 87.7078,
71.5899

 82.9306, 87.7078,
71.5899


493.3426,
520.5459, 485.0520

 62.4496, 66.0811,
52.3390


136.4073,
144.1503, 123.1756

 45.6531, 48.3382,
36.8912


170.1337,
179.7349, 156.3474

 32.1756, 34.0948,
24.8281

209.0060,
220.7409, 194.9966

 21.6519, 22.9665,
15.7312

253.3895,
267.5527, 239.5417

 13.7165, 14.5687,
9.1819

303.6495,
320.5547, 290.4013

 8.0041, 8.5173,
4.7616

360.1515,

 4.1494, 4.4277,

380.1313, 347.9938

2.0518

423.2607,
446.6669, 412.7379

■ 1.7870, 1.9156,
0.5868

■ 0.5098, 0.5577,
0.0000

■ 82.9306, 87.7078,
71.5899

■ 82.9306, 87.7078,
71.5899

■ 78.0200, 82.4459,
55.8962

■ 88.4244, 93.3416,
89.9253

■ 73.6612, 77.5328,
42.7141

■ 94.0956, 99.1774,
108.7915

■ 69.8300, 72.9603,
31.9112

■ 94.3183, 99.6228,
108.8658

■ 66.4976, 68.7154,
23.3403

■ 63.6320, 64.7836,
16.8377

■ 61.1969, 61.1489,
12.2173

■ 59.1496, 57.7924,
9.2592

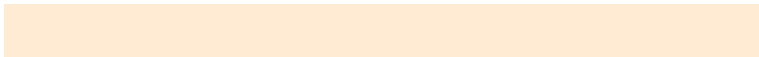
■ 57.4316, 54.6891,
7.6612

■ 57.1398, 54.1459,
7.4396

Harmonies

Analogous

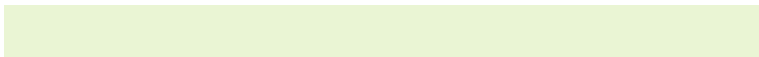
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.6400, 87.7078, 74.0049



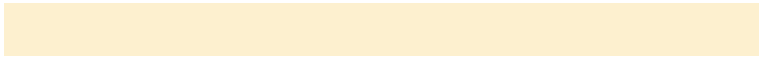
82.9306, 87.7078, 71.5899



78.5047, 87.7078, 75.0579

Triad

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



82.9306, 87.7078, 71.5899



75.8819, 87.7078, 110.4091



91.7834, 87.7078, 108.0557

Complementary

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



82.9306, 87.7078, 71.5899



69.0547, 71.5422, 103.0986

Split Complementary

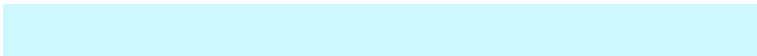
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.4191, 87.7078, 119.3500



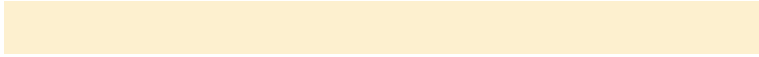
82.9306, 87.7078, 71.5899



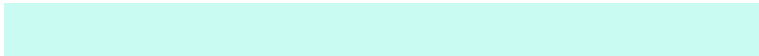
79.2287, 87.7078, 120.7973

Square

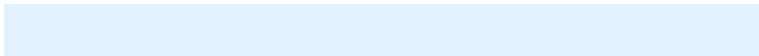
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.9306, 87.7078, 71.5899



74.5334, 87.7078, 96.7466



83.7982, 87.7078, 124.2140



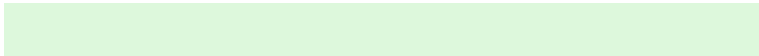
92.8652, 87.7078, 94.2619

Rectangle

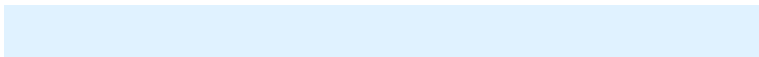
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.9306, 87.7078, 71.5899



76.2773, 87.7078, 80.4523



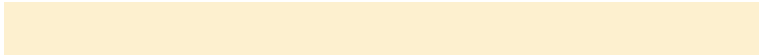
83.7982, 87.7078, 124.2140



90.8758, 87.7078, 112.3135

Sweetspot

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



82.9329, 87.7117, 71.5918



91.9263, 96.9292, 98.0656



75.7445, 70.6786, 77.3846



19.5847, 20.6561, 20.6764



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.



82.9329, 87.7117, 71.5918



82.4482, 87.2008, 66.4579



83.3623, 93.8169, 72.7476



19.1021, 20.1724, 19.0312



30.5261, 29.0634, 4.0009



3.0650, 3.0154, 0.4205

Inverse Universe

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



69.0547, 71.5422, 103.0986



65.8130, 67.8211, 104.2298



68.6489, 66.4654, 102.1401



17.4208, 18.2132, 22.8473



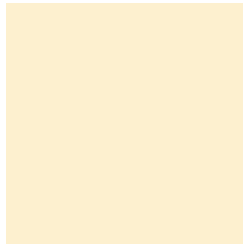
10.7520, 6.4135, 50.1058



1.1348, 0.8002, 4.9079

Previews

White Background



This preview shows how the XYZ color 82.9306, 87.7078, 71.5899 looks on a white background.

Color Contrast Check

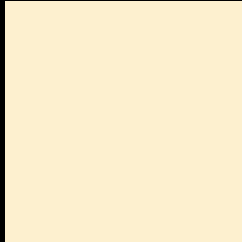
Large Text (above 18pt) WCAG AA × Fail

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 82.9306, 87.7078, 71.5899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

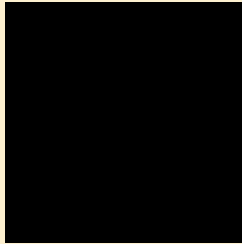
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.9306, 87.7078, 71.5899

Background



This preview shows how black text looks on a background with the XYZ color 82.9306, 87.7078, 71.5899.



This preview shows how white text looks on a background with the XYZ color 82.9306, 87.7078,

71.5899.

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

82.9306, 87.7078, 71.5899

Protanopia

82.9306, 87.7078, 71.5899

Deuteranopia

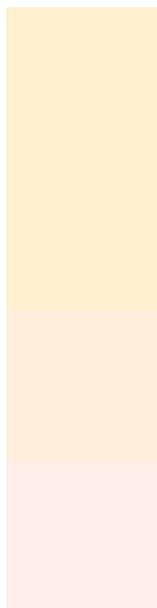
85.6670, 87.4855, 86.5000



Tritanopia

88.2036, 87.5788, 102.6980

Trichromacy



Original Color

82.9306, 87.7078, 71.5899

Protanomaly

82.9306, 87.7078, 71.5899

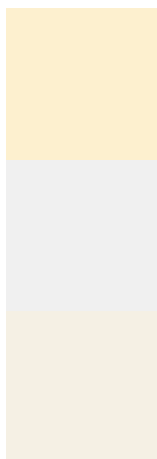
Deuteranomaly

84.4987, 87.4404, 80.8307

Tritanomaly

86.0085, 87.5797, 90.2133

Monochromacy



Original Color

82.9306, 87.7078, 71.5899

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

82.8199, 87.3341, 85.8909

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.9306, 87.7078, 71.5899 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(253, 240, 207) looks like.

```
.text, #text, p{  
    color:rgb(253, 240, 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(253, 240, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 240, 207) }
```

Border

The CSS property to change the border of an element to XYZ 82.9306, 87.7078, 71.5899 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(253, 240, 207) }
```


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

```
.border{ border-color:rgb(253, 240, 207) }
```

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

Here you see how a box with a 4 pixel rgb(253, 240, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 240, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 240, 207);  
box-shadow:4px 4px 4px 4px rgb(253, 240,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 82.9306, 87.7078, 71.5899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 240, 207) }
```

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

```
.background{ background-color: rgb(253,  
240, 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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