

Converting Colors

XYZ(82.8733, 88.1963, 71.8074)

Have a look what the booklet for
XYZ(82.8733, 88.1963, 71.8074)
contains.

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Color

**XYZ(82.8627, 88.1110,
71.6713)**

Conversions

Conversions Part 1

Format	Color
Hex	FCF1CF
RGB	252, 241, 207
RGB Percent	99%, 95%, 81%
CMY	0.0118, 0.0549, 0.1882
CMYK	0.00, 0.04, 0.18, 0.01
HSL	45°, 88%, 90%
HSV	45°, 18%, 99%
XYZ	82.8627, 88.1110, 71.6713
YIQ	240.4130, 17.4700, -8.2420

Conversions

Conversions Part 2

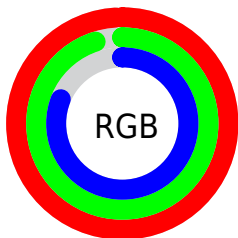
Format	Color
R _Y B	222, 252, 207
Decimal	16576975
CIE Lab	95.21, -1.69, 17.76
CIE LCh	95, 17.841, 95.445
Yxy	88.1110, 0.3415, 0.3631
Android (android.graphics.Color)	4294767055 (0xFFFCF1CF)
YUV	240.4130, -16.4726, 10.1618
Hunter-Lab	93.8675, -6.6949, 20.4371

Details

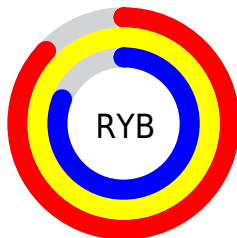
The XYZ color **82.8627, 88.1110, 71.6713** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **68.3741, 70.4351, 102.0879**, and the grayscale version is **83.2655, 87.6018, 95.3984**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.6044, 48.5999, 37.1141** is the 20% darker color. If you saturate the color by 10%, you get **78.2333, 83.3950, 56.1222**, and if you desaturate by 10%, it is **88.0502, 93.1548, 89.8344**.

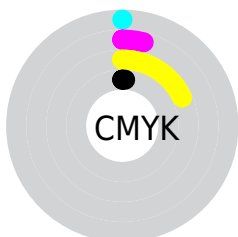
Distribution



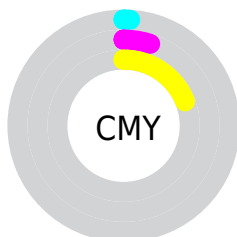
- Red (99%)
- Green (95%)
- Blue (81%)



- Red (87%)
- Yellow (99%)
- Blue (81%)



- Cyan (0%)
- Magenta (4%)
- Yellow (18%)
- Black (1%)





- Cyan (1%)
- Magenta (5%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.8627, 88.1110, 71.6713 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 82.8627, 88.1110, 71.6713 by changing the saturation by 10% instead.

 82.8627, 88.1110,
71.6713

 82.8627, 88.1110,
71.6713


493.1197,
521.8667, 485.3435

 62.3934, 66.4150,
52.4050


136.3127,
144.7117, 123.2925

 45.6075, 48.6094,
36.9435


170.0241,
180.3852, 156.4844

 32.1395, 34.3097,
24.8683


208.8802,
221.4866, 195.1553

 21.6241, 23.1316,
15.7609

253.2465,
268.4003, 239.7238

 13.6960, 14.6907,
9.2026

303.4882,
321.5108, 290.6083

 7.9898, 8.6026,
4.7749

359.9707,

 4.1402, 4.4829,

381.2024, 348.2274

2.0594

423.0594,
447.8596, 412.9996

■ 1.7818, 1.9472,
0.5914

■ 0.5066, 0.5765,
0.0000

■ 82.8627, 88.1110,
71.6713

■ 82.8627, 88.1110,
71.6713

■ 78.2333, 83.3950,
56.1222

■ 88.0502, 93.1548,
89.8344

■ 74.1311, 78.9845,
43.0587

■ 93.4218, 98.3688,
108.6710

■ 70.5327, 74.8721,
32.3500

■ 93.9552, 99.4356,
108.8488

■ 67.4098, 71.0456,
23.8510

■ 64.7314, 67.4916,
17.4003

■ 62.4619, 64.1947,
12.8147

■ 60.5598, 61.1374,
9.8778

■ 58.9692, 58.2962,
8.2994

■ 58.6516, 57.7084,
8.0476

Harmonies

Analogous

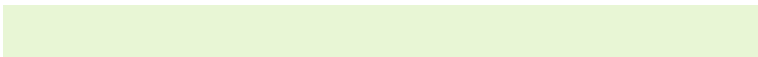
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.6933, 88.1110, 73.5826



82.8627, 88.1110, 71.6713



78.4402, 88.1110, 75.7325

Triad

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



82.8627, 88.1110, 71.6713



76.3575, 88.1110, 112.3216



92.5434, 88.1110, 107.5030

Complementary

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



82.8627, 88.1110, 71.6713



68.3741, 70.4351, 102.0879

Split Complementary

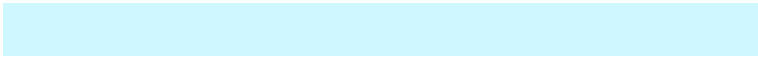
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.2876, 88.1110, 119.4511



82.8627, 88.1110, 71.6713



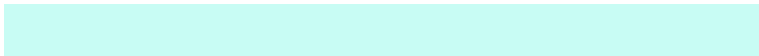
79.9207, 88.1110, 122.4163

Square

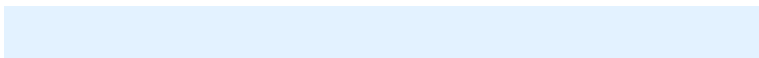
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.8627, 88.1110, 71.6713



74.7787, 88.1110, 98.5015



84.6373, 88.1110, 125.1434



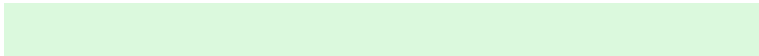
93.4049, 88.1110, 93.4191

Rectangle

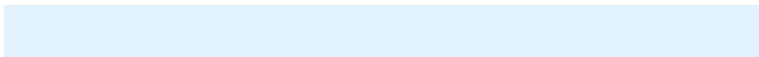
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.8627, 88.1110, 71.6713



76.2792, 88.1110, 81.5355



84.6373, 88.1110, 125.1434



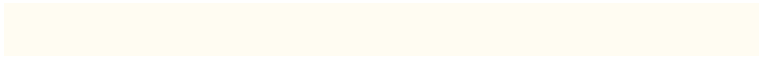
91.6867, 88.1110, 111.9437

Sweetspot

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



82.8650, 88.1149, 71.6732



92.0788, 97.2343, 98.1164



75.1464, 70.3974, 76.1299



19.6219, 20.7304, 20.6888



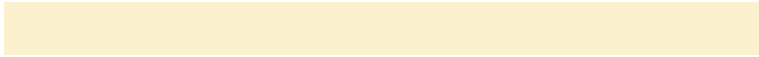
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



82.8650, 88.1149, 71.6732



83.5627, 88.9525, 68.3016



82.2642, 92.7835, 72.6060



18.3471, 19.4300, 18.2458



30.6735, 30.3038, 4.2325



2.9235, 2.9718, 0.4195

Inverse Universe

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



68.3741, 70.4351, 102.0879



66.4405, 68.0639, 104.2436



68.8729, 66.5992, 101.3212



16.6274, 17.3317, 21.8543



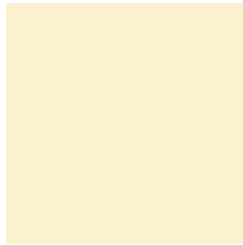
10.1339, 5.6234, 48.5249



1.0179, 0.6794, 4.5207

Previews

White Background



This preview shows how the XYZ color 82.8627, 88.1110, 71.6713 looks on a white background.

Color Contrast Check

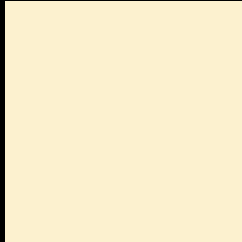
Large Text (above 18pt) WCAG AA × Fail

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 82.8627, 88.1110, 71.6713 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 82.8627, 88.1110, 71.6713

Background



This preview shows how black text looks on a background with the XYZ color 82.8627, 88.1110, 71.6713.



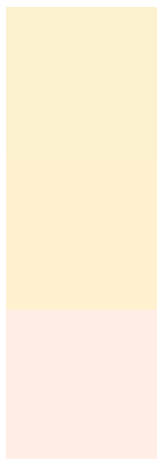
This preview shows how white text looks on a background with the XYZ color 82.8627, 88.1110,

71.6713.

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

82.8627, 88.1110, 71.6713

Protanopia

83.2258, 88.2982, 71.6883

Deuteranopia

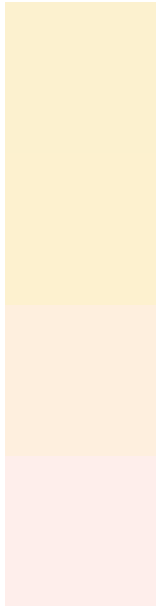
86.0975, 88.1222, 87.3344



Tritanopia

88.6480, 88.2159, 103.6219

Trichromacy



Original Color

82.8627, 88.1110, 71.6713

Protanomaly

83.2258, 88.2982, 71.6883

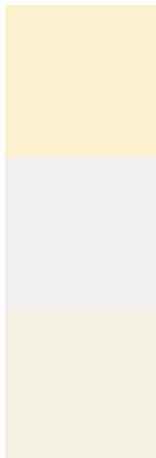
Deuteranomaly

84.9244, 88.0778, 81.6320

Tritanomaly

86.4430, 88.2181, 91.0690

Monochromacy



Original Color

82.8627, 88.1110, 71.6713

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

82.4719, 87.1547, 85.8746

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.8627, 88.1110, 71.6713 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(252, 241, 207)` looks like.

```
.text, #text, p{  
    color:rgb(252, 241, 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(252, 241, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 241, 207) }
```

Border

The CSS property to change the border of an element to XYZ 82.8627, 88.1110, 71.6713 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(252, 241, 207) }
```


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

```
.border{ border-color:rgb(252, 241, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 241, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 241, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 241, 207);  
box-shadow:4px 4px 4px 4px rgb(252, 241,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 82.8627, 88.1110, 71.6713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 241, 207) }
```

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

```
.background{ background-color: rgb(252,  
241, 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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