

Converting Colors

XYZ(83.0100, 87.2672, 73.4573)

Have a look what the booklet for
XYZ(83.0100, 87.2672, 73.4573)
contains.

XYZ(83.0074, 87.2688, 73.4424) 3
 ***Conversions* 4**
 ***Details* 6**
 ***Harmonies* 12**
 ***Previews* 24**
 ***Color Blindness Simulation* 28**
 ***CSS Examples* 31**

Color

**XYZ(83.0074, 87.2688,
73.4424)**

Conversions

Conversions Part 1

Format	Color
Hex	FDEFD2
RGB	253, 239, 210
RGB Percent	99%, 94%, 82%
CMY	0.0078, 0.0627, 0.1765
CMYK	0.00, 0.06, 0.17, 0.01
HSL	40°, 91%, 91%
HSV	40°, 17%, 99%
XYZ	83.0074, 87.2688, 73.4424
YIQ	239.8800, 17.6530, -6.0510

Conversions

Conversions Part 2

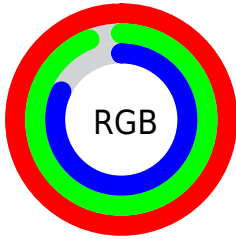
Format	Color
R _Y B	231, 253, 210
Decimal	16642002
CIE Lab	94.85, 0.12, 15.73
CIE LCh	95, 15.727, 89.573
Yxy	87.2688, 0.3406, 0.3581
Android (android.graphics.Color)	4294832082 (0xFFFDEFD2)
YUV	239.8800, -14.7308, 11.5062
Hunter-Lab	93.4178, -4.8729, 18.7803

Details

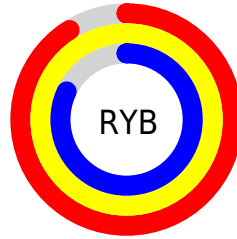
The XYZ color **83.0074, 87.2688, 73.4424** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **70.9634, 74.1033, 103.4924**, and the grayscale version is **82.8345, 87.1483, 94.9045**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.6148, 47.9693, 37.8652** is the 20% darker color. If you saturate the color by 10%, you get **77.7459, 81.3972, 57.3477**, and if you desaturate by 10%, it is **88.8818, 93.5672, 92.2019**.

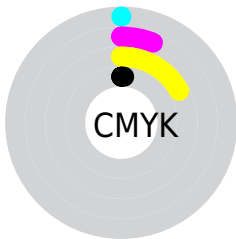
Distribution



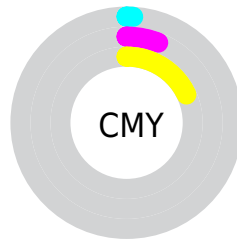
- Red (99%)
- Green (94%)
- Blue (82%)



- Red (91%)
- Yellow (99%)
- Blue (82%)



- Cyan (0%)
- Magenta (6%)
- Yellow (17%)
- Black (1%)





- Cyan (1%)
- Magenta (6%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.0074, 87.2688, 73.4424 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 83.0074, 87.2688, 73.4424 by changing the saturation by 10% instead.


 83.0074, 87.2688,
73.4424

 83.0074, 87.2688,
73.4424


493.5947,
519.1057, 491.6585

 62.5132, 65.7177,
53.8438


136.5143,
143.5387, 125.8318

 45.7047, 48.0433,
38.0844


170.2577,
179.0263, 159.4596

 32.2165, 33.8611,
25.7459


209.1482,
219.9282, 198.6009

 21.6832, 22.7869,
16.4096

253.5512,
266.6288, 243.6742

 13.7396, 14.4363,
9.6570

303.8319,
319.5124, 295.0981

 8.0203, 8.4247,
5.0695

360.3559,

 4.1598, 4.3679,

378.9635, 353.2911

2.2286

423.4884,
445.3665, 418.6717

■ 1.7930, 1.8814,
0.6908

■ 0.5134, 0.5372,
0.0000

■ 83.0074, 87.2688,
73.4424

■ 83.0074, 87.2688,
73.4424

■ 77.7459, 81.3972,
57.3477

■ 88.8818, 93.5672,
92.2019

■ 73.0656, 75.9286,
43.7887

■ 94.3183, 99.6228,
108.8658

■ 68.9419, 70.8537,
32.6340

■ 65.3459, 66.1585,
23.7378

■ 62.2454, 61.8278,
16.9388

■ 59.6042, 57.8444,
12.0535

■ 57.3799, 54.1889,
8.8669

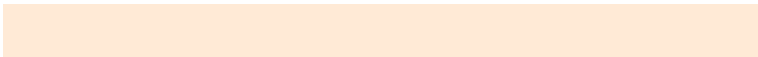
■ 55.5188, 50.8372,
7.1047

■ 55.0067, 49.8796,
6.7286

Harmonies

Analogous

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



87.1637, 87.2688, 76.1963



83.0074, 87.2688, 73.4424



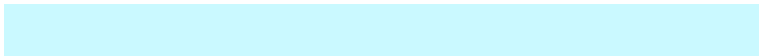
78.9695, 87.2688, 76.0456

Triad

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



83.0074, 87.2688, 73.4424



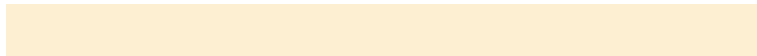
76.0251, 87.2688, 107.0738



90.2109, 87.2688, 107.4019

Complementary

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



83.0074, 87.2688, 73.4424



70.9634, 74.1033, 103.4924

Split Complementary

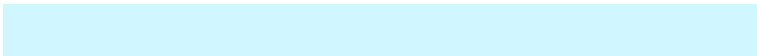
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.0546, 87.2688, 116.9161



83.0074, 87.2688, 73.4424



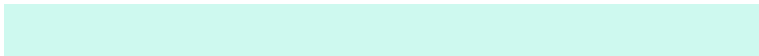
78.8673, 87.2688, 116.7156

Square

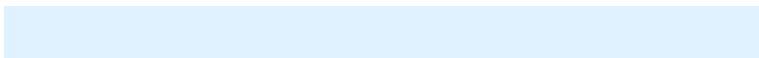
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.0074, 87.2688, 73.4424



75.0230, 87.2688, 94.8463



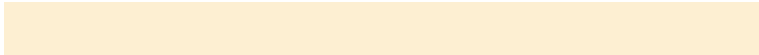
82.8854, 87.2688, 120.4593



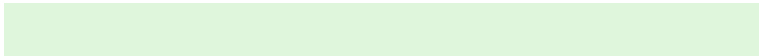
91.4089, 87.2688, 95.1957

Rectangle

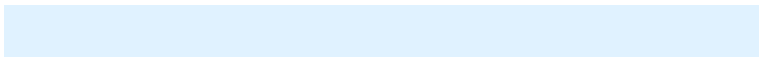
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83.0074, 87.2688, 73.4424



76.8666, 87.2688, 80.6073



82.8854, 87.2688, 120.4593



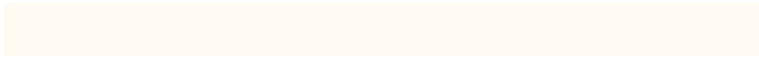
89.3386, 87.2688, 111.0577

Sweetspot

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



83.0097, 87.2727, 73.4443



91.7550, 96.5867, 98.0085



77.0554, 72.3769, 80.6683



19.5430, 20.5728, 20.6625



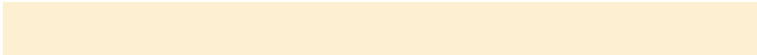
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

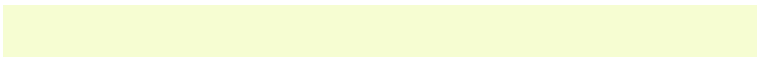
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.0097, 87.2727, 73.4443



82.8306, 87.0026, 69.5543



84.7066, 94.4672, 74.7435



19.0337, 20.0356, 19.0084



29.3997, 26.8106, 3.6254



2.9621, 2.8095, 0.3862

Inverse Universe

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



70.9634, 74.1033, 103.4924



68.7025, 71.5586, 104.7989



69.4422, 67.9636, 102.3875



17.4857, 18.3431, 22.8689



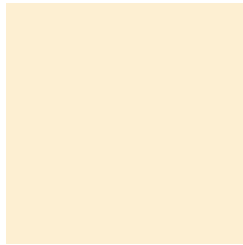
11.1675, 7.2446, 50.2443



1.1819, 0.8945, 4.9236

Previews

White Background



This preview shows how the XYZ color 83.0074, 87.2688, 73.4424 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 83.0074, 87.2688, 73.4424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

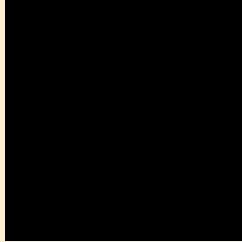
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 83.0074, 87.2688, 73.4424

Background



This preview shows how black text looks on a background with the XYZ color 83.0074, 87.2688, 73.4424.



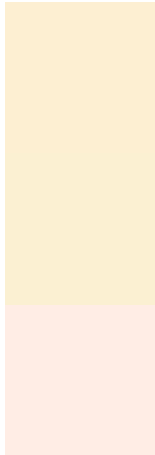
This preview shows how white text looks on a background with the XYZ color 83.0074, 87.2688,

73.4424.

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

83.0074, 87.2688, 73.4424

Protanopia

82.5766, 87.4825, 73.5063

Deuteranopia

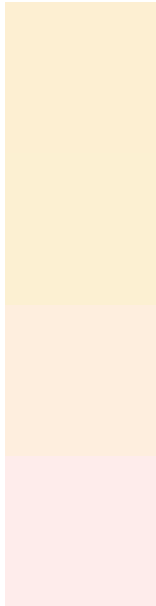
85.6670, 87.4855, 86.5000



Tritanopia

88.0472, 87.5162, 101.8743

Trichromacy



Original Color

83.0074, 87.2688, 73.4424

Protanomaly

82.9378, 87.6688, 73.5232

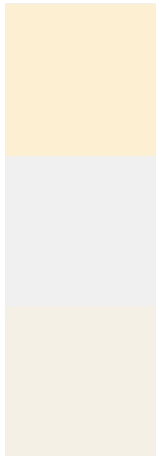
Deuteranomaly

84.6324, 87.4938, 81.5346

Tritanomaly

85.8639, 87.0599, 90.8760

Monochromacy



Original Color

83.0074, 87.2688, 73.4424

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

82.9591, 87.3898, 86.6242

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.0074, 87.2688, 73.4424 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, 239, 210) looks like.

```
.text, #text, p{  
    color:rgb(253, 239, 210)  
}
```

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, 239, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 239, 210) }
```

Border

The CSS property to change the border of an element to XYZ 83.0074, 87.2688, 73.4424 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, 239, 210) }
```


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

```
.border{ border-color:rgb(253, 239, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 239, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 239, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 239, 210);  
box-shadow:4px 4px 4px 4px rgb(253, 239,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 83.0074, 87.2688, 73.4424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 239, 210) }
```

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

```
.background{ background-color: rgb(253,  
239, 210) }
```

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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