

Converting Colors

XYZ(84.3179, 89.5666, 73.4614)

Have a look what the booklet for
XYZ(84.3179, 89.5666, 73.4614)
contains.

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Color

**XYZ(84.4323, 89.7755,
73.1999)**

Conversions

Conversions Part 1

Format	Color
Hex	FEF3D1
RGB	254, 243, 209
RGB Percent	100%, 95%, 82%
CMY	0.0039, 0.0470, 0.1804
CMYK	0.00, 0.04, 0.18, 0.00
HSL	45°, 96%, 91%
HSV	45°, 18%, 100%
XYZ	84.4323, 89.7755, 73.1999
YIQ	242.4130, 17.4700, -8.2420

Conversions

Conversions Part 2

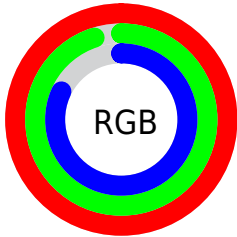
Format	Color
R_{YB}	224, 254, 209
Decimal	16708561
CIE Lab	95.90, -1.70, 17.73
CIE LCh	96, 17.813, 95.462
Yxy	89.7755, 0.3413, 0.3629
Android (android.graphics.Color)	4294898641 (0xFFFEF3D1)
YUV	242.4130, -16.4726, 10.1618
Hunter-Lab	94.7499, -6.7498, 20.5199

Details

The XYZ color **84.4323, 89.7755, 73.1999** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **69.7768, 71.8959, 103.9663**, and the grayscale version is **84.8441, 89.2626, 97.2070**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.6290, 49.7441, 37.7158** is the 20% darker color. If you saturate the color by 10%, you get **79.7098, 84.9678, 57.3281**, and if you desaturate by 10%, it is **89.7238, 94.9173, 91.7369**.

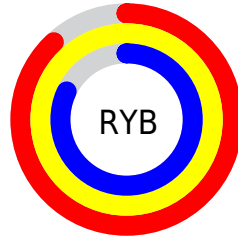
Distribution



Red (100%)

Green (95%)

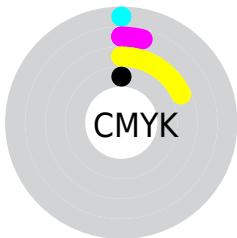
Blue (82%)



Red (88%)

Yellow (100%)

Blue (82%)

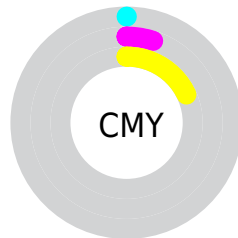


Cyan (0%)

Magenta (4%)

Yellow (18%)

Black (0%)



Cyan (0%)

Magenta (5%)

Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.4323, 89.7755, 73.1999 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 84.4323, 89.7755, 73.1999 by changing the saturation by 10% instead.


 84.4323, 89.7755,
73.1999

 84.4323, 89.7755,
73.1999


498.2597,
527.3003, 490.7967

 63.6933, 67.7945,
53.6466


138.4979,
147.0265, 125.4845

 46.6631, 49.7305,
37.9280


172.5552,
183.0653, 159.0529

 32.9762, 35.1993,
25.6254


211.7826,
224.5587, 198.1301

 22.2674, 23.8165,
16.3203

256.5456,
271.8913, 243.1346

 14.1712, 15.1975,
9.5943

307.2094,
325.4473, 294.4850

 8.3223, 8.9581,
5.0288

364.1395,

 4.3554, 4.7139,

385.6112, 352.5997

2.2051

427.7011,
452.7674, 417.8975

■ 1.9051, 2.0804,
0.6773

■ 0.5798, 0.6536,
0.0000

■ 84.4323, 89.7755,
73.1999

■ 84.4323, 89.7755,
73.1999

■ 79.7098, 84.9678,
57.3281

■ 89.7238, 94.9173,
91.7369

■ 75.5248, 80.4716,
43.9908

94.6834, 99.8110,
108.8828

■ 71.8535, 76.2793,
33.0548

■ 68.6671, 72.3785,
24.3722

■ 65.9340, 68.7554,
17.7790

■ 63.6181, 65.3947,
13.0884

■ 61.6769, 62.2782,
10.0804

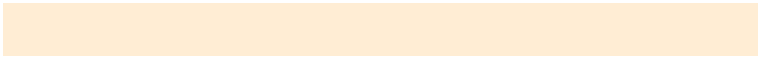
■ 60.0545, 59.3824,
8.4633

■ 59.7101, 58.7445,
8.1918

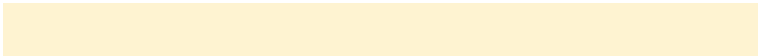
Harmonies

Analogous

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



89.3155, 89.7755, 75.1318



84.4323, 89.7755, 73.1999



79.9610, 89.7755, 77.3148

Triad

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



84.4323, 89.7755, 73.1999



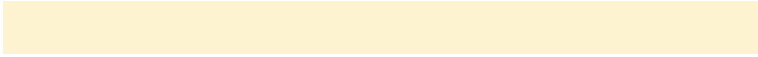
77.8582, 89.7755, 114.3140



94.2208, 89.7755, 109.4310

Complementary

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



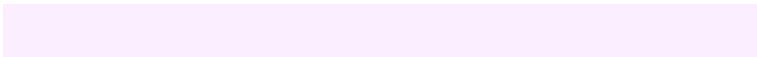
84.4323, 89.7755, 73.1999



69.7768, 71.8959, 103.9663

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.



90.9318, 89.7755, 121.5023



84.4323, 89.7755, 73.1999



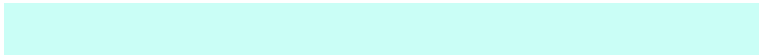
81.4627, 89.7755, 124.5058

Square

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



84.4323, 89.7755, 73.1999



76.2600, 89.7755, 100.3499



86.2319, 89.7755, 127.2546



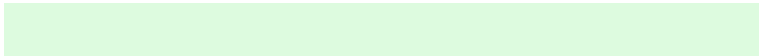
95.0898, 89.7755, 95.1959

Rectangle

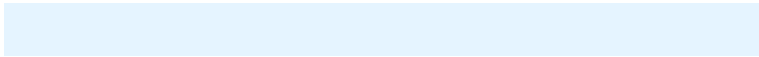
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.4323, 89.7755, 73.1999



77.7761, 89.7755, 83.1897



86.2319, 89.7755, 127.2546



93.3556, 89.7755, 113.9178

Sweetspot

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



84.4347, 89.7795, 73.2018



92.0788, 97.2343, 98.1164



76.6259, 71.8535, 77.7155



19.6219, 20.7304, 20.6888



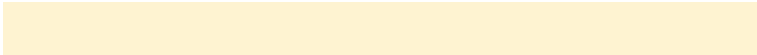
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

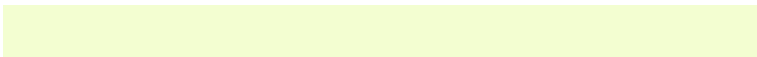
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.4347, 89.7795, 73.2018



83.5628, 88.9527, 68.3016



83.8272, 94.4981, 74.1446



19.1632, 20.2945, 19.0516



31.6013, 31.2139, 4.3593



3.1622, 3.2098, 0.4529

Inverse Universe

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



69.7768, 71.8959, 103.9663



66.4404, 68.0637, 104.2436



70.2819, 68.0126, 103.1901



17.3634, 18.0984, 22.8281



10.4372, 5.7839, 50.0009



1.0974, 0.7255, 4.8955

Previews

White Background



This preview shows how the XYZ color 84.4323, 89.7755, 73.1999 looks on a white background.

Color Contrast Check

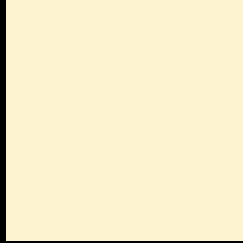
Large Text (above 18pt) WCAG AA × Fail

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 84.4323, 89.7755, 73.1999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

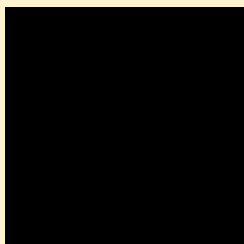
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.4323, 89.7755, 73.1999

Background



This preview shows how black text looks on a background with the XYZ color 84.4323, 89.7755, 73.1999.



This preview shows how white text looks on a background with the XYZ color 84.4323, 89.7755,

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

84.4323, 89.7755, 73.1999

Protanopia

84.9235, 90.0143, 73.8713

Deuteranopia

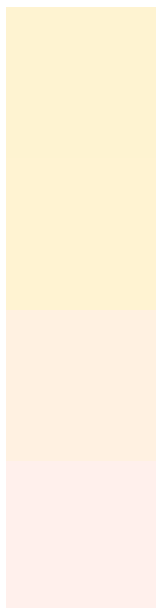
87.2514, 89.5207, 90.5225



Tritanopia

89.5191, 89.9580, 103.9123

Trichromacy



Original Color

84.4323, 89.7755, 73.1999

Protanomaly

84.9235, 90.0143, 73.8713

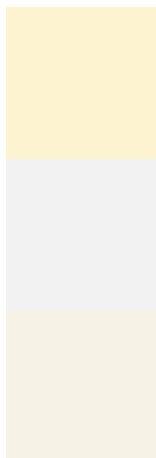
Deuteranomaly

86.2859, 89.6068, 83.9823

Tritanomaly

87.5404, 89.6363, 92.0445

Monochromacy



Original Color

84.4323, 89.7755, 73.1999

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

84.0411, 88.8103, 87.5756

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.4323, 89.7755, 73.1999 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(254, 243, 209)` looks like.

```
.text, #text, p{  
    color:rgb(254, 243, 209)  
}
```

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(254, 243, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 243, 209) }
```

Border

The CSS property to change the border of an element to XYZ 84.4323, 89.7755, 73.1999 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(254, 243, 209) }
```


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

```
.border{ border-color:rgb(254, 243, 209) }
```

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

Here you see how a box with a 4 pixel rgb(254, 243, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 243, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 243, 209);  
box-shadow:4px 4px 4px 4px rgb(254, 243,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 84.4323, 89.7755, 73.1999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 243, 209) }
```

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

```
.background{ background-color: rgb(254,  
243, 209) }
```

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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