

Converting Colors

XYZ(84.2359, 89.6977, 72.1633)

Have a look what the booklet for
XYZ(84.2359, 89.6977, 72.1633)
contains.

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Color

**XYZ(84.1861, 89.6770,
71.9038)**

Conversions

Conversions Part 1

Format	Color
Hex	FEF3CF
RGB	254, 243, 207
RGB Percent	100%, 95%, 81%
CMY	0.0039, 0.0470, 0.1882
CMYK	0.00, 0.04, 0.19, 0.00
HSL	46°, 96%, 90%
HSV	46°, 19%, 100%
XYZ	84.1861, 89.6770, 71.9038
YIQ	242.1850, 18.1120, -8.8640

Conversions

Conversions Part 2

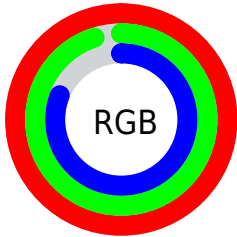
Format	Color
R_{YB}	221, 254, 207
Decimal	16708559
CIE Lab	95.86, -1.99, 18.70
CIE LCh	96, 18.807, 96.063
Yxy	89.6770, 0.3425, 0.3649
Android (android.graphics.Color)	4294898639 (0xFFFEF3CF)
YUV	242.1850, -17.3462, 10.3618
Hunter-Lab	94.6979, -7.0356, 21.2699

Details

The XYZ color **84.1861, 89.6770, 71.9038** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **68.6926, 70.5624, 103.7659**, and the grayscale version is **84.6696, 89.0790, 97.0070**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.5461, 49.7109, 37.2789** is the 20% darker color. If you saturate the color by 10%, you get **79.5785, 85.0376, 56.2602**, and if you desaturate by 10%, it is **89.3556, 94.6393, 90.2014**.

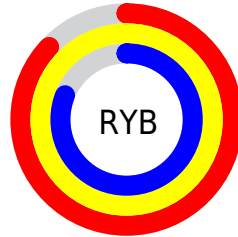
Distribution



Red (100%)

Green (95%)

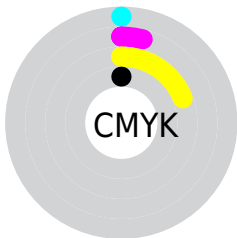
Blue (81%)



Red (87%)

Yellow (100%)

Blue (81%)

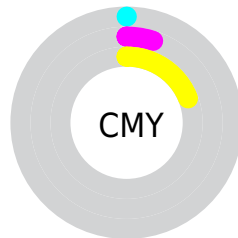


Cyan (0%)

Magenta (4%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (5%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.1861, 89.6770, 71.9038 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 84.1861, 89.6770, 71.9038 by changing the saturation by 10% instead.


 84.1861, 89.6770,
71.9038

 84.1861, 89.6770,
71.9038

497.4554,
526.9796, 486.1752

 63.4893, 67.7128,
52.5937


138.1554,
146.8897, 123.6262

 46.4973, 49.6641,
37.0931


172.1586,
182.9069, 156.8756

 32.8447, 35.1466,
24.9832


211.3280,
224.3772, 195.6086

 22.1662, 23.7758,
15.8456


256.0290,
271.6851, 240.2436

 14.0963, 15.1674,
9.2618

306.6268,
325.2148, 291.1992

 8.2699, 8.9370,
4.8132

363.4869,

 4.3214, 4.7001,

385.3509, 348.8940

2.0813

426.9747,
452.4777, 413.7465

■ 1.8855, 2.0724,
0.6046

■ 0.5684, 0.6490,
0.0000

■ 84.1861, 89.6770,
71.9038

■ 84.1861, 89.6770,
71.9038

■ 79.5785, 85.0376,
56.2602

■ 89.3556, 94.6393,
90.2014

■ 75.5014, 80.6986,
43.1392

94.6482, 99.7407,
108.8711

■ 71.9307, 76.6526,
32.4066

94.6833, 99.8109,
108.8828

■ 68.8377, 72.8871,
23.9136

■ 66.1904, 69.3884,
17.4944

■ 63.9524, 66.1411,
12.9604

■ 62.0808, 63.1271,
10.0883

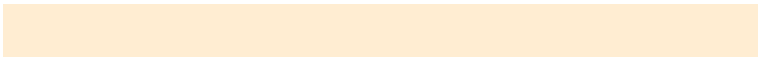
■ 60.5151, 60.3213,
8.5629

■ 60.2950, 59.9144,
8.3867

Harmonies

Analogous

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



89.3463, 89.6770, 73.7931



84.1861, 89.6770, 71.9038



79.4977, 89.6770, 76.3249

Triad

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



84.1861, 89.6770, 71.9038



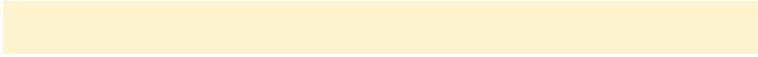
77.4243, 89.6770, 115.4420



94.6802, 89.6770, 109.6968

Complementary

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



84.1861, 89.6770, 71.9038



68.6926, 70.5624, 103.7659

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.



91.2425, 89.6770, 122.6013



84.1861, 89.6770, 71.9038



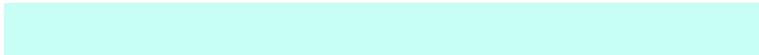
81.2524, 89.6770, 126.1466

Square

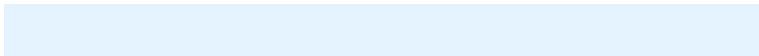
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.1861, 89.6770, 71.9038



75.6970, 89.6770, 100.6914



86.2932, 89.6770, 128.8908



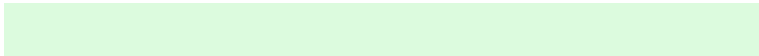
95.5430, 89.6770, 94.6567

Rectangle

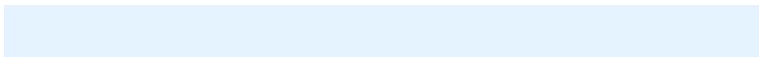
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.1861, 89.6770, 71.9038



77.2253, 89.6770, 82.5487



86.2932, 89.6770, 128.8908



93.7808, 89.6770, 114.4736

Sweetspot

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



84.1885, 89.6810, 71.9057



91.5524, 96.7911, 96.0618



75.9401, 70.7989, 76.5096



19.5173, 20.6440, 20.2753



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

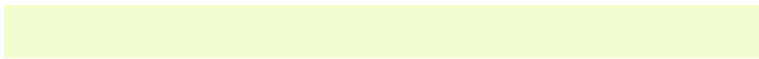
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.1885, 89.6810, 71.9057



83.2526, 88.8097, 66.7261



83.4089, 94.3108, 72.8404



19.1799, 20.3279, 19.0571



31.9067, 31.8245, 4.4611



3.1896, 3.2646, 0.4620

Inverse Universe

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



68.6926, 70.5624, 103.7659



65.1260, 66.4471, 104.0008



69.3415, 66.8040, 103.0062



17.3478, 18.0673, 22.8230



10.3600, 5.6295, 49.9752



1.0879, 0.7065, 4.8923

Previews

White Background



This preview shows how the XYZ color 84.1861, 89.6770, 71.9038 looks on a white background.

Color Contrast Check

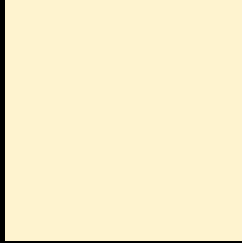
Large Text (above 18pt) WCAG AA × Fail

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 84.1861, 89.6770, 71.9038 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

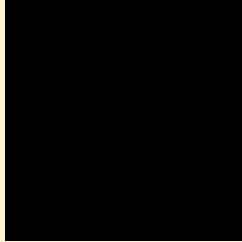
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.1861, 89.6770, 71.9038

Background



This preview shows how black text looks on a background with the XYZ color 84.1861, 89.6770, 71.9038.



This preview shows how white text looks on a background with the XYZ color 84.1861, 89.6770,

71.9038.

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

84.1861, 89.6770, 71.9038

Protanopia

84.7992, 89.9646, 73.2171

Deuteranopia

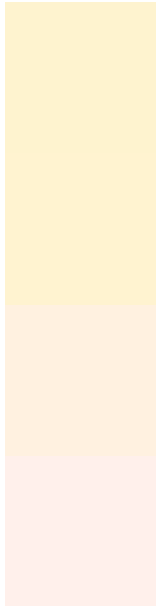
87.1081, 89.4634, 89.7679



Tritanopia

89.2271, 89.3741, 103.8149

Trichromacy



Original Color

84.1861, 89.6770, 71.9038

Protanomaly

84.6758, 89.9153, 72.5670

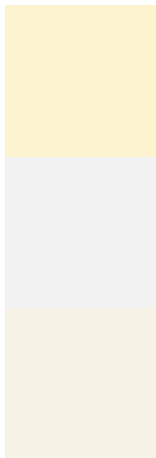
Deuteranomaly

86.1498, 89.5524, 83.2658

Tritanomaly

87.3955, 89.5783, 91.2814

Monochromacy



Original Color

84.1861, 89.6770, 71.9038

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

83.9010, 88.7542, 86.8380

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.1861, 89.6770, 71.9038 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, 207) looks like.

```
.text, #text, p{  
    color:rgb(254, 243, 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(254, 243, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 243, 207) }
```

Border

The CSS property to change the border of an element to XYZ 84.1861, 89.6770, 71.9038 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, 207) }
```


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

```
.border{ border-color:rgb(254, 243, 207) }
```

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, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 243, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 243, 207);  
box-shadow:4px 4px 4px 4px rgb(254, 243,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 84.1861, 89.6770, 71.9038 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, 207) }
```

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

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