

Converting Colors

XYZ(84.4510, 90.0078, 72.7483)

Have a look what the booklet for
XYZ(84.4510, 90.0078, 72.7483)
contains.

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Color

**XYZ(84.3088, 89.7261,
72.5498)**

Conversions

Conversions Part 1

Format	Color
Hex	FEF3D0
RGB	254, 243, 208
RGB Percent	100%, 95%, 82%
CMY	0.0039, 0.0470, 0.1843
CMYK	0.00, 0.04, 0.18, 0.00
HSL	46°, 96%, 91%
HSV	46°, 18%, 100%
XYZ	84.3088, 89.7261, 72.5498
YIQ	242.2990, 17.7910, -8.5530

Conversions

Conversions Part 2

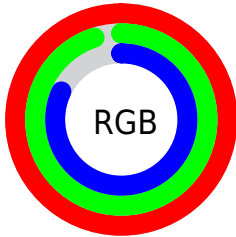
Format	Color
R_{YB}	222, 254, 208
Decimal	16708560
CIE Lab	95.88, -1.84, 18.22
CIE LCh	96, 18.310, 95.772
Yxy	89.7261, 0.3419, 0.3639
Android (android.graphics.Color)	4294898640 (0xFFFEF3D0)
YUV	242.2990, -16.9094, 10.2618
Hunter-Lab	94.7239, -6.8932, 20.8960

Details

The XYZ color **84.3088, 89.7261, 72.5498** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **69.2330, 71.2270, 103.8657**, and the grayscale version is **84.7568, 89.1708, 97.1070**.

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 **79.6446, 85.0043, 56.7925**, and if you desaturate by 10%, it is **89.5384, 94.7763, 90.9667**.

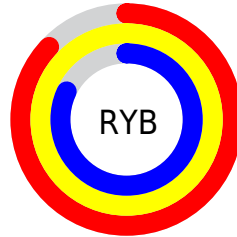
Distribution



Red (100%)

Green (95%)

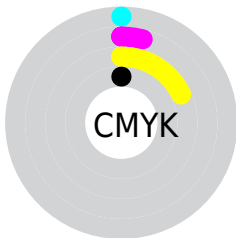
Blue (82%)



Red (87%)

Yellow (100%)

Blue (82%)

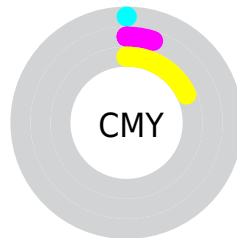


Cyan (0%)

Magenta (4%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (5%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.3088, 89.7261, 72.5498 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 84.3088, 89.7261, 72.5498 by changing the saturation by 10% instead.


 84.3088, 89.7261,
72.5498

 84.3088, 89.7261,
72.5498


497.8563,
527.1395, 488.4819

 63.5910, 67.7535,
53.1183


138.3261,
146.9579, 124.5529

 46.5799, 49.6972,
37.5089


172.3563,
182.9858, 157.9616

 32.9102, 35.1729,
25.3029


211.5546,
224.4677, 196.8664

 22.2166, 23.7961,
16.0818

256.2865,
271.7879, 241.6859

 14.1336, 15.1824,
9.4271

306.9172,
325.3307, 292.8387

 8.2960, 8.9475,
4.9202

363.8122,

 4.3383, 4.7070,

385.4807, 350.7433

2.1426

427.3368,
452.6221, 415.8181

■ 1.8953, 2.0764,
0.6409

■ 0.5741, 0.6513,
0.0000

■ 84.3088, 89.7261,
72.5498

■ 84.3088, 89.7261,
72.5498

■ 79.6446, 85.0043,
56.7925

■ 89.5384, 94.7763,
90.9667

■ 75.5143, 80.5881,
43.5637

94.6833, 99.8110,
108.8828

■ 71.8940, 76.4703,
32.7297

■ 68.7549, 72.6383,
24.1423

■ 66.0652, 69.0784,
17.6363

■ 63.7887, 65.7753,
13.0244

■ 61.8827, 62.7107,
10.0846

■ 60.2892, 59.8606,
8.5145

■ 60.0077, 59.3397,
8.2910

Harmonies

Analogous

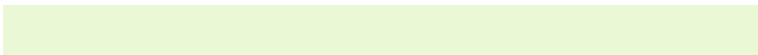
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.3306, 89.7261, 74.4601



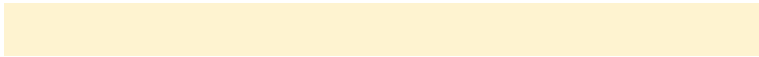
84.3088, 89.7261, 72.5498



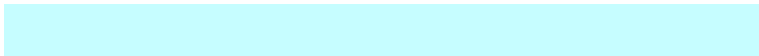
79.7288, 89.7261, 76.8189

Triad

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



84.3088, 89.7261, 72.5498



77.6411, 89.7261, 114.8775



94.4503, 89.7261, 109.5631

Complementary

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



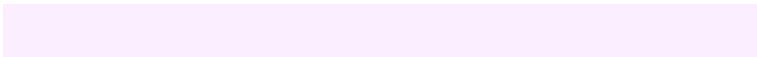
84.3088, 89.7261, 72.5498



69.2330, 71.2270, 103.8657

Split Complementary

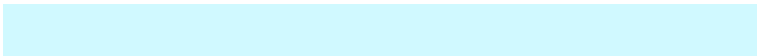
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.0871, 89.7261, 122.0505



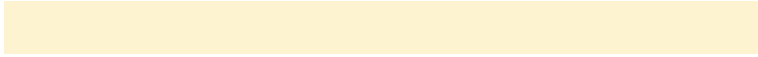
84.3088, 89.7261, 72.5498



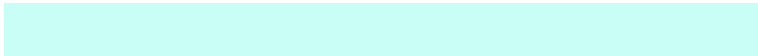
81.3575, 89.7261, 125.3246

Square

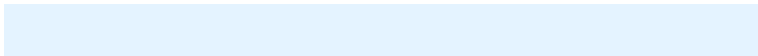
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.3088, 89.7261, 72.5498



75.9780, 89.7261, 100.5210



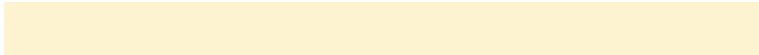
86.2626, 89.7261, 128.0708



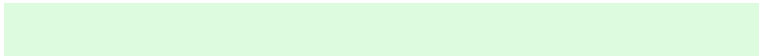
95.3161, 89.7261, 94.9253

Rectangle

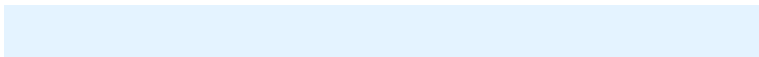
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.3088, 89.7261, 72.5498



77.5001, 89.7261, 82.8690



86.2626, 89.7261, 128.0708



93.5680, 89.7261, 114.1948

Sweetspot

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



84.3112, 89.7301, 72.5517



92.1001, 97.2769, 98.1235



76.2820, 71.3246, 77.1111



19.6270, 20.7408, 20.6905



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

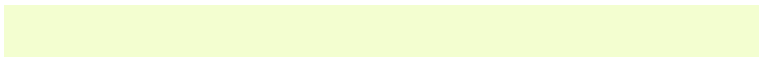
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.3112, 89.7301, 72.5517



83.1678, 88.6401, 66.6978



83.6176, 94.4042, 73.4905



19.1717, 20.3116, 19.0544



31.7567, 31.5246, 4.4111



3.1762, 3.2377, 0.4575

Inverse Universe

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



69.2330, 71.2270, 103.8657



65.1974, 66.5899, 104.0246



69.8104, 67.4065, 103.0978



17.3554, 18.0825, 22.8255



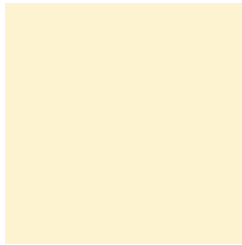
10.3973, 5.7041, 49.9876



1.0925, 0.7157, 4.8938

Previews

White Background



This preview shows how the XYZ color 84.3088, 89.7261, 72.5498 looks on a white background.

Color Contrast Check

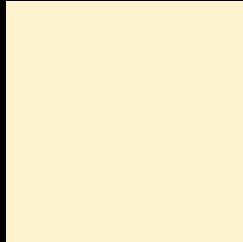
Large Text (above 18pt) WCAG AA × Fail

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 84.3088, 89.7261, 72.5498 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 84.3088, 89.7261, 72.5498

Background



This preview shows how black text looks on a background with the XYZ color 84.3088, 89.7261, 72.5498.



This preview shows how white text looks on a background with the XYZ color 84.3088, 89.7261,

72.5498.

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

84.3088, 89.7261, 72.5498

Protanopia

84.9235, 90.0143, 73.8713

Deuteranopia

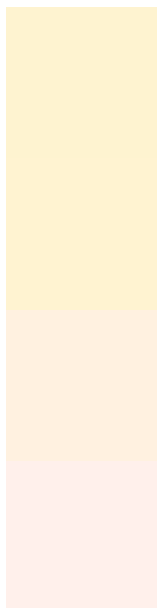
87.1081, 89.4634, 89.7679



Tritanopia

89.5191, 89.9580, 103.9123

Trichromacy



Original Color

84.3088, 89.7261, 72.5498

Protanomaly

84.7992, 89.9646, 73.2171

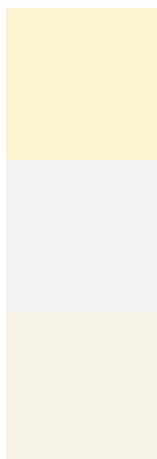
Deuteranomaly

86.1498, 89.5524, 83.2658

Tritanomaly

87.3955, 89.5783, 91.2814

Monochromacy



Original Color

84.3088, 89.7261, 72.5498

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 84.3088, 89.7261, 72.5498 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, 208) looks like.

```
.text, #text, p{  
    color:rgb(254, 243, 208)  
}
```

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, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 243, 208) }
```

Border

The CSS property to change the border of an element to XYZ 84.3088, 89.7261, 72.5498 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, 208) }
```


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

```
.border{ border-color:rgb(254, 243, 208) }
```

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, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 243, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 243, 208);  
box-shadow:4px 4px 4px 4px rgb(254, 243,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 84.3088, 89.7261, 72.5498 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, 208) }
```

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

```
.background{ background-color: rgb(254,  
243, 208) }
```

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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