

Converting Colors

XYZ(88.7311, 94.9266, 83.4734)

Have a look what the booklet for
XYZ(88.7311, 94.9266, 83.4734)
contains.

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Color

**XYZ(88.7449, 94.9589,
83.4636)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFADF
RGB	255, 250, 223
RGB Percent	100%, 98%, 87%
CMY	0.0000, 0.0196, 0.1255
CMYK	0.00, 0.02, 0.13, 0.00
HSL	51°, 100%, 94%
HSV	51°, 13%, 100%
XYZ	88.7449, 94.9589, 83.4636
YIQ	248.4170, 11.6470, -7.3370

Conversions

Conversions Part 2

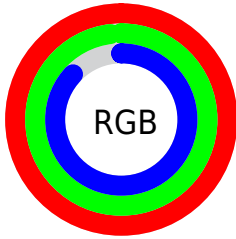
Format	Color
R_{YB}	229, 255, 223
Decimal	16775903
CIE _{Lab}	98.02, -2.76, 13.54
CIE _{LCh}	98, 13.821, 101.509
Yxy	94.9589, 0.3322, 0.3554
Android (android.graphics.Color)	4294965983 (0xFFFFFADF)
YUV	248.4170, -12.5306, 5.7733
Hunter-Lab	97.4469, -7.9720, 17.4307

Details

The XYZ color **88.7449, 94.9589, 83.4636** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **76.2243, 78.3928, 105.7216**, and the grayscale version is **89.6590, 94.3282, 102.7234**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.6484, 53.4165, 44.7395** is the 20% darker color. If you saturate the color by 10%, you get **84.3395, 91.2419, 66.2917**, and if you desaturate by 10%, it is **93.6986, 98.9432, 103.3753**.

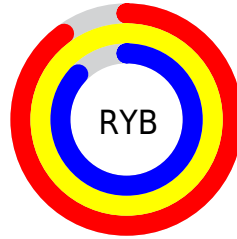
Distribution



Red (100%)

Green (98%)

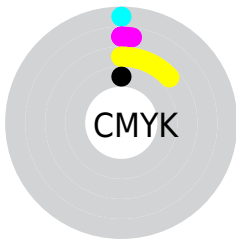
Blue (87%)



Red (90%)

Yellow (100%)

Blue (87%)

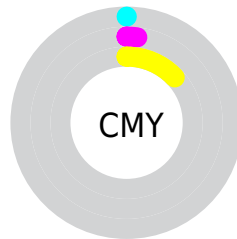


Cyan (0%)

Magenta (2%)

Yellow (13%)

Black (0%)



Cyan (0%)

Magenta (2%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 88.7449, 94.9589, 83.4636 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 88.7449, 94.9589, 83.4636 by changing the saturation by 10% instead.

88.7449, 94.9589,
83.4636

88.7449, 94.9589,
83.4636

512.2385,
544.0334, 526.5417

67.2730, 72.1008,
62.0298

144.4810,
154.2078, 140.0796

49.5780, 53.2410,
44.6209

179.4759,
191.3674, 176.0990

35.2946, 37.9952,
30.8181

219.7092,
234.0629, 217.8172

24.0575, 25.9790,
20.2031

265.5462,
282.6788, 265.6530

15.5013, 16.8079,
12.3572

317.3522,
337.5993, 320.0248

9.2605, 10.0976,
6.8620

375.4927,

4.9700, 5.4637,

399.2090, 381.3511

3.2988

440.3331,
467.8923, 450.0506

■ 2.2642, 2.5218,
1.2491

■ 0.7763, 0.8875,
0.0196

■ 88.7449, 94.9589,
83.4636

■ 88.7449, 94.9589,
83.4636

■ 84.3395, 91.2419,
66.2917

■ 93.6986, 98.9432,
103.3753

■ 80.4526, 87.7708,
51.7319

95.0500, 100.0000,
108.9000

■ 77.0615, 84.5391,
39.6554

■ 74.1390, 81.5360,
29.9203

■ 71.6553, 78.7490,
22.3699

■ 69.5767, 76.1646,
16.8288

■ 67.8648, 73.7670,
13.0942

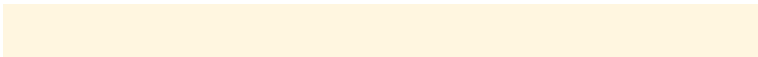
■ 66.4727, 71.5374,
10.9208

■ 65.5922, 69.9644,
10.0474

Harmonies

Analogous

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



92.6922, 94.9589, 84.0610



88.7449, 94.9589, 83.4636



85.3027, 94.9589, 87.9083

Triad

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



88.7449, 94.9589, 83.4636



84.6727, 94.9589, 118.5303



97.6712, 94.9589, 110.4659

Complementary

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



88.7449, 94.9589, 83.4636



76.2243, 78.3928, 105.7216

Split Complementary

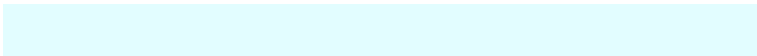
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.3966, 94.9589, 120.5995



88.7449, 94.9589, 83.4636



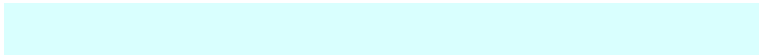
87.8620, 94.9589, 125.4850

Square

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



88.7449, 94.9589, 83.4636



82.9979, 94.9589, 107.8063



91.7833, 94.9589, 126.2688



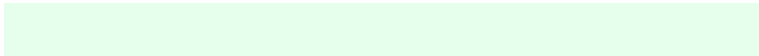
97.9245, 94.9589, 99.1040

Rectangle

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



88.7449, 94.9589, 83.4636



83.7274, 94.9589, 93.3364



91.7833, 94.9589, 126.2688



97.1146, 94.9589, 114.1495

Sweetspot

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



88.7471, 94.9629, 83.4656



92.9452, 98.3489, 100.3107



81.6783, 79.6565, 84.7131



19.8115, 20.9853, 21.1358



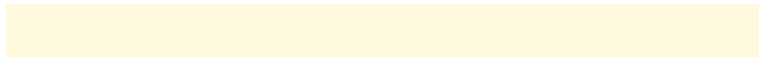
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



88.7471, 94.9629, 83.4656



87.6170, 94.0270, 79.0064



86.5038, 96.1407, 83.8112



19.3056, 20.5793, 19.0990



34.3641, 36.7394, 5.2802



3.4080, 3.7015, 0.5348

Inverse Universe

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



76.2243, 78.3928, 105.7216



72.9038, 74.5590, 105.1566



78.2610, 77.4327, 105.4289



17.2319, 17.8353, 22.7843



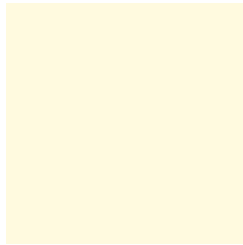
9.8919, 4.6935, 49.8191



1.0263, 0.5833, 4.8718

Previews

White Background



This preview shows how the XYZ color 88.7449, 94.9589, 83.4636 looks on a white background.

Color Contrast Check

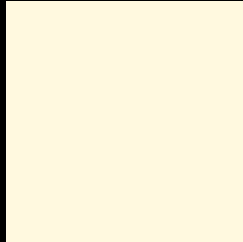
Large Text (above 18pt) WCAG AA × Fail

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 88.7449, 94.9589, 83.4636 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 88.7449, 94.9589, 83.4636

Background



This preview shows how black text looks on a background with the XYZ color 88.7449, 94.9589, 83.4636.



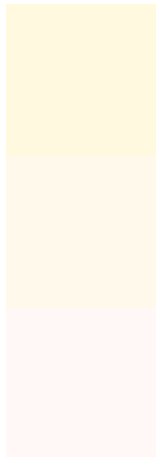
This preview shows how white text looks on a background with the XYZ color 88.7449, 94.9589,

83.4636.

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

88.7449, 94.9589, 83.4636

Protanopia

90.2560, 95.0675, 92.9497

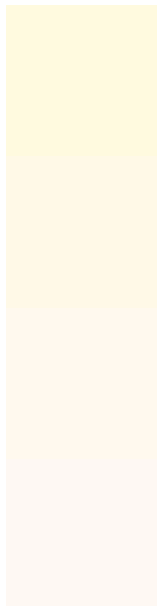
Deuteranopia

91.4420, 95.0486, 100.7155

Tritanopia

92.1838, 94.8124, 108.0497

Trichromacy



Original Color

88.7449, 94.9589, 83.4636

Protanomaly

89.5395, 94.7809, 89.1766

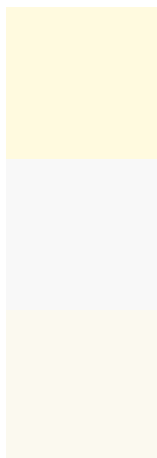
Deuteranomaly

90.5483, 95.1844, 94.4889

Tritanomaly

90.6181, 94.6767, 98.2924

Monochromacy



Original Color

88.7449, 94.9589, 83.4636

Achromatopsia

89.2221, 93.8686, 102.2229

Achromatomaly

89.2393, 94.4926, 95.1968

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.7449, 94.9589, 83.4636 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(255, 250, 223)` looks like.

```
.text, #text, p{  
    color:rgb(255, 250, 223)  
}
```

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(255, 250, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 250, 223) }
```

Border

The CSS property to change the border of an element to XYZ 88.7449, 94.9589, 83.4636 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(255, 250, 223) }
```


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

```
.border{ border-color:rgb(255, 250, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 250, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 250, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 250, 223);  
box-shadow:4px 4px 4px 4px rgb(255, 250,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 88.7449, 94.9589, 83.4636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 250, 223) }
```

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

```
.background{ background-color: rgb(255,  
250, 223) }
```

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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