

Converting Colors

XYZ(87.9036, 95.1222, 84.6457)

Have a look what the booklet for
XYZ(87.9036, 95.1222, 84.6457)
contains.

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Color

**XYZ(87.8714, 94.9398,
84.9281)**

Conversions

Conversions Part 1

Format	Color
Hex	FBFBE1
RGB	251, 251, 225
RGB Percent	98%, 98%, 88%
CMY	0.0157, 0.0157, 0.1176
CMYK	0.00, 0.00, 0.10, 0.02
HSL	60°, 77%, 93%
HSV	60°, 10%, 98%
XYZ	87.8714, 94.9398, 84.9281
YIQ	248.0360, 8.3460, -8.0860

Conversions

Conversions Part 2

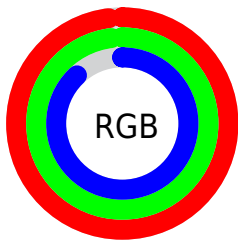
Format	Color
R_{YB}	225, 251, 225
Decimal	16514017
CIE _{Lab}	98.01, -4.33, 12.47
CIE _{LCh}	98, 13.197, 109.168
Yxy	94.9398, 0.3282, 0.3546
Android (android.graphics.Color)	4294704097 (0xFFFFBFBE1)
YUV	248.0360, -11.3567, 2.5994
Hunter-Lab	97.4371, -9.5387, 16.5276

Details

The XYZ color **87.8714, 94.9398, 84.9281** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **75.3929, 76.8256, 102.1271**, and the grayscale version is **89.3399, 93.9925, 102.3579**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.0189, 53.4018, 45.7542** is the 20% darker color. If you saturate the color by 10%, you get **84.6951, 93.6722, 68.1998**, and if you desaturate by 10%, it is **91.5563, 96.4171, 104.3117**.

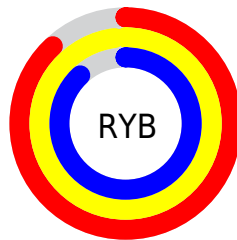
Distribution



Red (98%)

Green (98%)

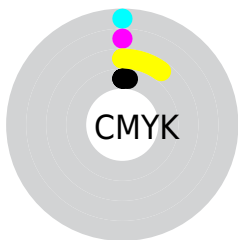
Blue (88%)



Red (88%)

Yellow (98%)

Blue (88%)

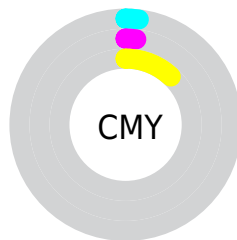


Cyan (0%)

Magenta (0%)

Yellow (10%)

Black (2%)



Cyan (2%)

Magenta (2%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 87.8714, 94.9398, 84.9281 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 87.8714, 94.9398, 84.9281 by changing the saturation by 10% instead.

87.8714, 94.9398,
84.9281

87.8714, 94.9398,
84.9281

509.4237,
543.9722, 531.5285

66.5470, 72.0849,
63.2322

143.2715,
154.1814, 142.1460

48.9859, 53.2280,
45.5868

178.0780,
191.3369, 178.5050

34.8228, 37.9848,
31.5736

218.1092,
234.0281, 220.5888

23.6923, 25.9709,
20.7739

263.7305,
282.6392, 268.8160

15.2290, 16.8019,
12.7692

315.3073,
337.5549, 323.6050

9.0676, 10.0933,
7.1410

373.2048,

4.8428, 5.4609,

399.1593, 385.3744

3.4706

437.7885,
467.8370, 454.5427

■ 2.1891, 2.5201,
1.3397

■ 0.7370, 0.8867,
0.0940

■ 87.8714, 94.9398,
84.9281

■ 87.8714, 94.9398,
84.9281

■ 84.6951, 93.6722,
68.1998

■ 91.5563, 96.4171,
104.3117

■ 81.9978, 92.5931,
54.0054


■ 92.3367, 96.7295,
108.4117


■ 79.7586, 91.6972,
42.2233

■ 92.3385, 96.7304,
108.4118


■ 77.9520, 90.9743,
32.7195


■ 92.3403, 96.7313,
108.4119


 76.5501, 90.4134,
25.3467


 92.3421, 96.7323,
108.4120


 75.5217, 90.0018,
19.9408


 92.3440, 96.7332,
108.4121


 74.8311, 89.7253,
16.3135

 92.3458, 96.7341,
108.4122

 74.4356, 89.5669,
14.2399

 92.3476, 96.7351,
108.4122

 74.2669, 89.4992,
13.3608

 92.3494, 96.7360,
108.4123

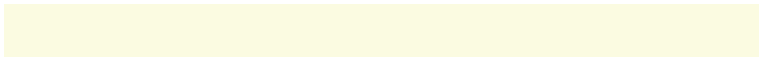
Harmonies

Analogous

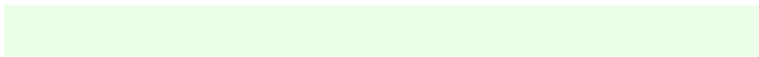
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.6105, 94.9398, 84.2428



87.8714, 94.9398, 84.9281



84.8478, 94.9398, 90.3490

Triad

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



87.8714, 94.9398, 84.9281



85.5671, 94.9398, 119.9404



97.5677, 94.9398, 107.3355

Complementary

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



87.8714, 94.9398, 84.9281



75.3929, 76.8256, 102.1271

Split Complementary

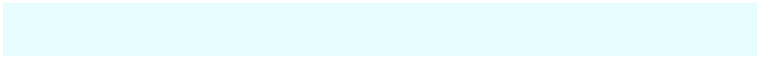
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.8506, 94.9398, 117.5927



87.8714, 94.9398, 84.9281



88.8781, 94.9398, 125.2007

Square

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



87.8714, 94.9398, 84.9281



83.5434, 94.9398, 110.3613



92.6456, 94.9398, 124.3127



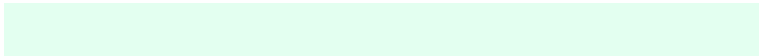
97.2799, 94.9398, 96.6867

Rectangle

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



87.8714, 94.9398, 84.9281



83.6119, 94.9398, 96.1445



92.6456, 94.9398, 124.3127



97.2040, 94.9398, 110.9556

Sweetspot

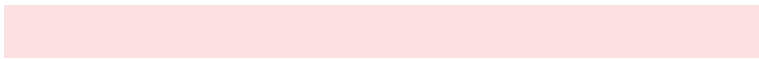
The Sweet Spot groups the original color and five complimentary colors.



87.8740, 94.9440, 84.9301



93.8420, 99.5167, 102.5418



80.3025, 79.7982, 82.4058



20.0187, 21.2737, 21.5937



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

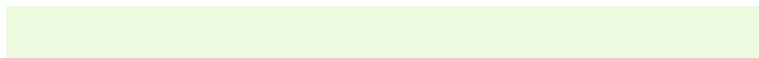
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.8740, 94.9440, 84.9301



90.5066, 98.1824, 84.9867



83.3512, 92.6124, 84.7185



18.7271, 20.1906, 18.3725



39.0357, 47.0419, 7.0226



3.6155, 4.3569, 0.6504

Inverse Universe

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



75.3929, 76.8256, 102.1271



75.6798, 76.6588, 105.4156



79.6006, 78.9948, 102.3240



16.2834, 16.6432, 21.7395



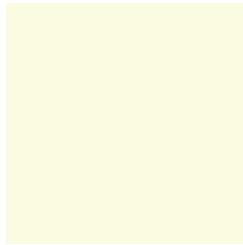
9.1532, 3.6614, 48.1978



0.8479, 0.3392, 4.4640

Previews

White Background



This preview shows how the XYZ color 87.8714, 94.9398, 84.9281 looks on a white background.

Color Contrast Check

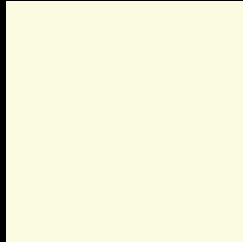
Large Text (above 18pt) WCAG AA × Fail

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 87.8714, 94.9398, 84.9281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

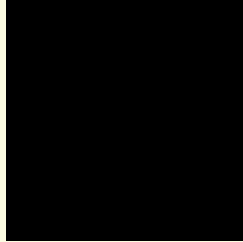
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 87.8714, 94.9398, 84.9281

Background



This preview shows how black text looks on a background with the XYZ color 87.8714, 94.9398, 84.9281.

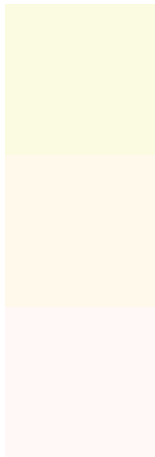


This preview shows how white text looks on a background with the XYZ color 87.8714, 94.9398,

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

87.8714, 94.9398, 84.9281

Protanopia

90.2560, 95.0675, 92.9497

Deuteranopia

91.4420, 95.0486, 100.7155

Tritanopia

91.7623, 95.0503, 108.1179

Trichromacy



Original Color

87.8714, 94.9398, 84.9281

Protanomaly

89.6241, 95.2682, 90.0088

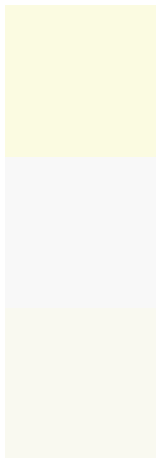
Deuteranomaly

90.1813, 94.9952, 94.4718

Tritanomaly

90.3497, 94.9785, 99.1587

Monochromacy



Original Color

87.8714, 94.9398, 84.9281

Achromatopsia

89.2221, 93.8686, 102.2229

Achromatomaly

88.6708, 94.1824, 95.9436

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.8714, 94.9398, 84.9281 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(251, 251, 225)` looks like.

```
.text, #text, p{  
    color:rgb(251, 251, 225)  
}
```

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(251, 251, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 251, 225) }
```

Border

The CSS property to change the border of an element to XYZ 87.8714, 94.9398, 84.9281 is called "border". The border property can be set on classes, ids or directly on the HTML element.

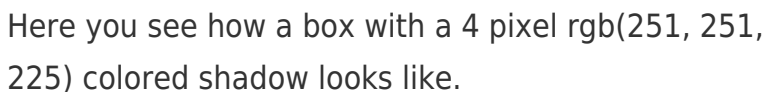
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(251, 251, 225) }
```


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

```
.border{ border-color:rgb(251, 251, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(251, 251, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(251, 251, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(251, 251, 225); box-shadow:4px 4px 4px 4px rgb(251, 251, 225) }
```

Background

The CSS property to change the background color of an element to XYZ 87.8714, 94.9398, 84.9281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 251, 225) }
```

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

```
.background{ background-color: rgb(251,  
251, 225) }
```

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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