

Converting Colors

XYZ(88.7244, 93.9198, 88.3162)

Have a look what the booklet for
XYZ(88.7244, 93.9198, 88.3162)
contains.

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Color

**XYZ(88.7234, 93.9188,
88.3148)**

Conversions

Conversions Part 1

Format	Color
Hex	FEF8E6
RGB	254, 248, 230
RGB Percent	100%, 97%, 90%
CMY	0.0039, 0.0274, 0.0980
CMYK	0.00, 0.02, 0.09, 0.00
HSL	45°, 92%, 95%
HSV	45°, 9%, 100%
XYZ	88.7234, 93.9188, 88.3148
YIQ	247.7420, 9.3540, -4.3260

Conversions

Conversions Part 2

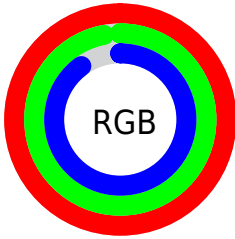
Format	Color
R _Y B	238, 254, 230
Decimal	16709862
CIE Lab	97.60, -1.00, 9.34
CIE LCh	98, 9.396, 96.085
Yxy	93.9188, 0.3274, 0.3466
Android (android.graphics.Color)	4294899942 (0xFFFEF8E6)
YUV	247.7420, -8.7468, 5.4883
Hunter-Lab	96.9117, -6.1774, 13.8077

Details

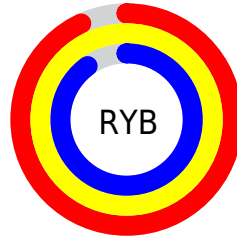
The XYZ color 88.7234, 93.9188, 88.3148 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 80.5179, 83.9683, 105.7307, and the grayscale version is 89.0785, 93.7175, 102.0583.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.6135, 52.6647, 48.1078 is the 20% darker color. If you saturate the color by 10%, you get 83.4963, 88.7624, 70.2380, and if you desaturate by 10%, it is 94.4769, 99.3978, 108.8140.

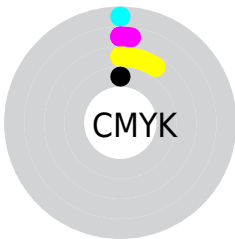
Distribution



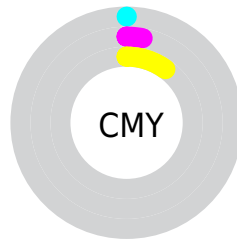
- Red (100%)
- Green (97%)
- Blue (90%)



- Red (93%)
- Yellow (100%)
- Blue (90%)



- Cyan (0%)
- Magenta (2%)
- Yellow (9%)
- Black (0%)





- Cyan (0%)
- Magenta (3%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.7234, 93.9188, 88.3148 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 88.7234, 93.9188, 88.3148 by changing the saturation by 10% instead.


 88.7234, 93.9188,
88.3148

 88.7234, 93.9188,
88.3148


512.1693,
540.6978, 542.9616

 67.2551, 71.2354,
66.0180


144.4512,
152.7700, 146.9103

 49.5634, 52.5343,
47.8304


179.4415,
189.7067, 184.0461

 35.2830, 37.4312,
33.3336

219.6698,
232.1632, 226.9654

 24.0485, 25.5415,
22.1089

265.5015,
280.5240, 276.0865

 15.4945, 16.4809,
13.7379

317.3020,
335.1735, 331.8282

 9.2558, 9.8651,
7.8019

375.4365,

 4.9668, 5.3096,

396.4960, 394.6089

3.8825

440.2705,
464.8760, 464.8472

■ 2.2624, 2.4300,
1.5611

■ 0.7753, 0.8413,
0.2628

■ 88.7234, 93.9188,
88.3148

■ 88.7234, 93.9188,
88.3148

■ 83.4963, 88.7624,
70.2380

94.4769, 99.3978,
108.8140

■ 78.8295, 83.9317,
54.8005

94.6835, 99.8111,
108.8828

■ 74.7010, 79.4202,
41.8777

■ 71.0842, 75.2159,
31.3324

■ 67.9497, 71.3063,
23.0144

■ 65.2652, 67.6771,
16.7561

■ 62.9937, 64.3124,
12.3660

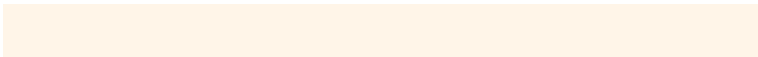
■ 61.0912, 61.1936,
9.6166

■ 59.4904, 58.2926,
8.1563

Harmonies

Analogous

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



91.3664, 93.9188, 89.3897



88.7234, 93.9188, 88.3148



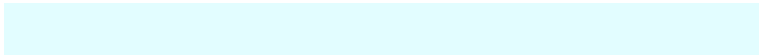
86.2745, 93.9188, 90.8235

Triad

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



88.7234, 93.9188, 88.3148



85.1783, 93.9188, 111.1767



94.0473, 93.9188, 108.3442

Complementary

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



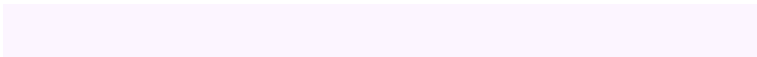
88.7234, 93.9188, 88.3148



80.5179, 83.9683, 105.7307

Split Complementary

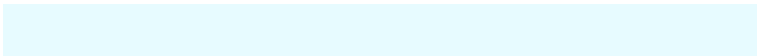
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.3279, 93.9188, 114.6218



88.7234, 93.9188, 88.3148



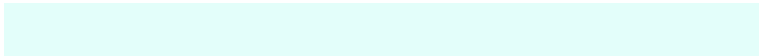
87.2001, 93.9188, 116.3134

Square

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



88.7234, 93.9188, 88.3148



84.2542, 93.9188, 103.8296



89.8128, 93.9188, 117.6045



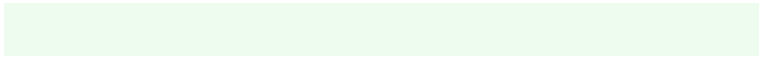
94.4748, 93.9188, 100.7095

Rectangle

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



88.7234, 93.9188, 88.3148



85.0702, 93.9188, 94.2681



89.8128, 93.9188, 117.6045



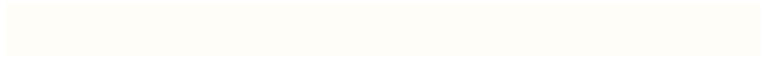
93.5996, 93.9188, 110.6947

Sweetspot

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



88.7260, 93.9229, 88.3168



93.2360, 98.3038, 102.3396



84.3114, 83.7219, 91.0744



19.8545, 20.9452, 21.5389



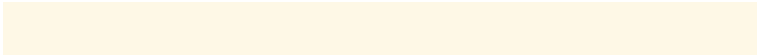
0.0000, 0.0000, 0.0000



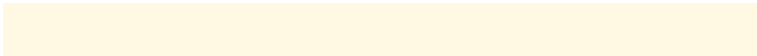
20.3446, 21.4041, 23.3091

Same Dimension

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



88.7260, 93.9229, 88.3168



88.6635, 93.9338, 86.0948



88.4373, 96.5544, 88.8400



19.1544, 20.2770, 19.0486



31.4428, 30.8968, 4.3065



3.1479, 3.1813, 0.4481

Inverse Universe

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



80.5179, 83.9683, 105.7307



79.1233, 82.3639, 106.3353



80.7795, 81.5836, 105.2566



17.3716, 18.1148, 22.8309



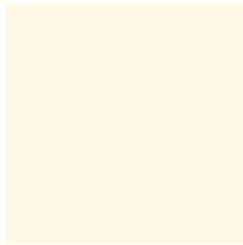
10.4793, 5.8681, 50.0149



1.1025, 0.7357, 4.8972

Previews

White Background



This preview shows how the XYZ color 88.7234, 93.9188, 88.3148 looks on a white background.

Color Contrast Check

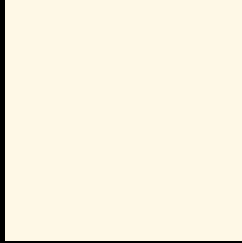
Large Text (above 18pt) WCAG AA × Fail

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 88.7234, 93.9188, 88.3148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

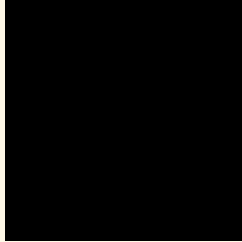
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 88.7234, 93.9188, 88.3148

Background



This preview shows how black text looks on a background with the XYZ color 88.7234, 93.9188, 88.3148.

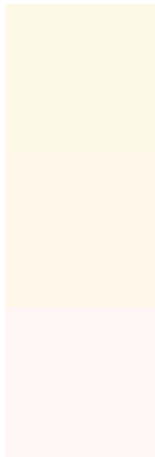


This preview shows how white text looks on a background with the XYZ color 88.7234, 93.9188,

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

88.7234, 93.9188, 88.3148

Protanopia

89.3520, 93.7220, 91.2227

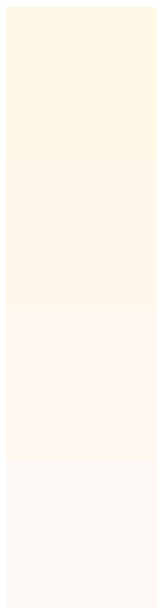
Deuteranopia

90.6772, 93.7641, 99.7053

Tritanopia

91.5138, 94.0142, 107.9310

Trichromacy



Original Color

88.7234, 93.9188, 88.3148

Protanomaly

89.2087, 93.6647, 90.4681

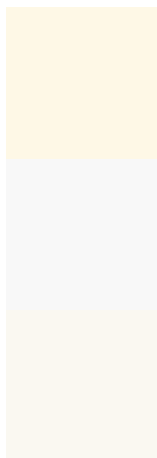
Deuteranomaly

90.2289, 94.0728, 95.8404

Tritanomaly

90.4033, 94.0580, 100.5790

Monochromacy



Original Color

88.7234, 93.9188, 88.3148

Achromatopsia

89.2221, 93.8686, 102.2229

Achromatomaly

88.8689, 93.8097, 96.6423

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.7234, 93.9188, 88.3148 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, 248, 230)` looks like.

```
.text, #text, p{  
    color:rgb(254, 248, 230)  
}
```

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, 248, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 248, 230) }
```

Border

The CSS property to change the border of an element to XYZ 88.7234, 93.9188, 88.3148 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, 248, 230) }
```


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

```
.border{ border-color:rgb(254, 248, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 248, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 248, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 248, 230);  
box-shadow:4px 4px 4px 4px rgb(254, 248,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 88.7234, 93.9188, 88.3148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 248, 230) }
```

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

```
.background{ background-color: rgb(254,  
248, 230) }
```

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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