

Converting Colors

XYZ(155.1745, 126.4984,
91.8337)

Have a look what the booklet for
XYZ(155.1745, 126.4984, 91.8337)
contains.

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Color

**XYZ(88.0145, 91.7309,
88.6683)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF4E7
RGB	255, 244, 231
RGB Percent	100%, 96%, 91%
CMY	0.0000, 0.0431, 0.0941
CMYK	0.00, 0.04, 0.09, 0.00
HSL	33°, 100%, 95%
HSV	33°, 9%, 100%
XYZ	88.0145, 91.7309, 88.6683
YIQ	245.8070, 10.7290, -1.7110

Conversions

Conversions Part 2

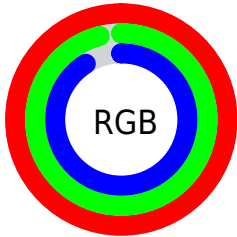
Format	Color
R _Y B	251, 255, 231
Decimal	16774375
CIE Lab	96.71, 1.53, 7.56
CIE LCh	97, 7.715, 78.551
Yxy	91.7309, 0.3279, 0.3418
Android (android.graphics.Color)	4294964455 (0xFFFFF4E7)
YUV	245.8070, -7.2999, 8.0623
Hunter-Lab	95.7762, -3.5742, 12.1535

Details

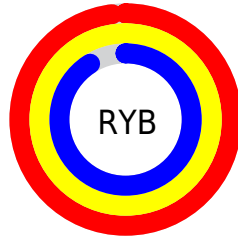
The XYZ color 88.0145, 91.7309, 88.6683 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 82.7564, 87.7109, 107.1759, and the grayscale version is 87.4944, 92.0509, 100.2434.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.0098, 51.0674, 47.8313 is the 20% darker color. If you saturate the color by 10%, you get 81.2681, 83.5880, 69.9265, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

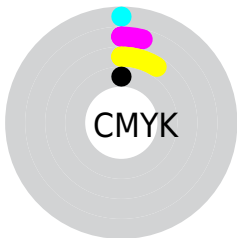
Distribution



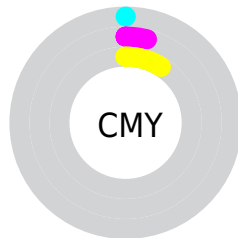
- Red (100%)
- Green (96%)
- Blue (91%)



- Red (98%)
- Yellow (100%)
- Blue (91%)



- Cyan (0%)
- Magenta (4%)
- Yellow (9%)
- Black (0%)





- Cyan (0%)
- Magenta (4%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.0145, 91.7309, 88.6683 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 88.0145, 91.7309, 88.6683 by changing the saturation by 10% instead.


 88.0145, 91.7309,
88.6683

 88.0145, 91.7309,
88.6683

509.8854,
533.6455, 544.1472

 66.6659, 69.4171,
66.3092


143.4698,
149.7404, 147.4065

 49.0829, 51.0515,
48.0654


178.3072,
186.2049, 184.6227

 34.9000, 36.2496,
33.5183


218.3715,
228.1551, 227.6284

 23.7520, 24.6270,
22.2494

264.0282,
275.9754, 276.8420

 15.2735, 15.7994,
13.8402

315.6426,
330.0502, 332.6822

 9.0991, 9.3823,
7.8721

373.5800,

 4.8635, 4.9914,

390.7639, 395.5674

3.9266

438.2058,
458.5008, 465.9162

■ 2.2013, 2.2422,
1.5852

■ 0.7434, 0.7429,
0.2802

■ 88.0145, 91.7309,
88.6683

■ 88.0145, 91.7309,
88.6683

■ 81.2681, 83.5880,
69.9265

95.0500, 100.0000,
108.9000

■ 75.2406, 76.0797,
53.9002

■ 69.9054, 69.1915,
40.4623

■ 65.2322, 62.9043,
29.4731

■ 61.1876, 57.1976,
20.7797

■ 57.7349, 52.0494,
14.2117

■ 54.8327, 47.4354,
9.5743

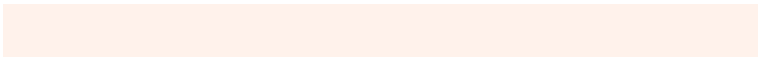
■ 52.4324, 43.3283,
6.6367

■ 50.4620, 39.6908,
5.0446

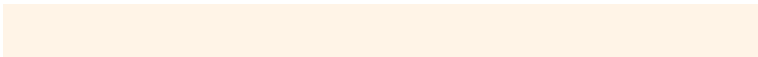
Harmonies

Analogous

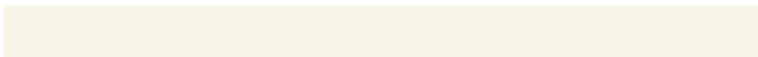
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.9659, 91.7309, 91.2258



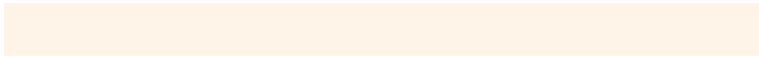
88.0145, 91.7309, 88.6683



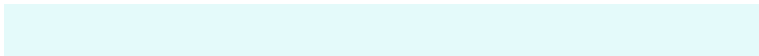
85.8727, 91.7309, 89.0211

Triad

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



88.0145, 91.7309, 88.6683



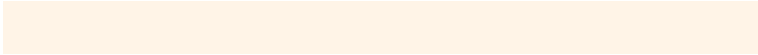
83.3087, 91.7309, 103.7120



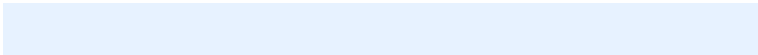
90.3380, 91.7309, 107.9623

Complementary

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



88.0145, 91.7309, 88.6683



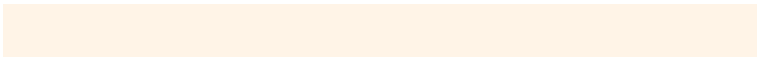
82.7564, 87.7109, 107.1759

Split Complementary

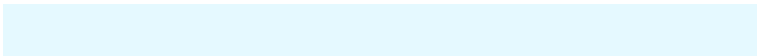
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.5156, 91.7309, 111.5865



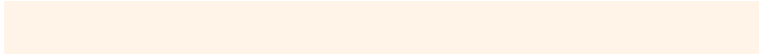
88.0145, 91.7309, 88.6683



84.4668, 91.7309, 109.0636

Square

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



88.0145, 91.7309, 88.6683



83.1796, 91.7309, 97.5368



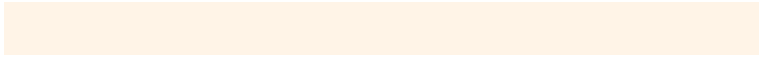
86.3656, 91.7309, 111.9977



91.3221, 91.7309, 102.2591

Rectangle

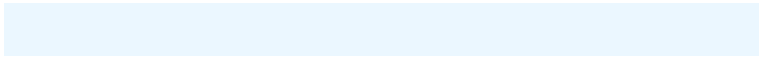
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.0145, 91.7309, 88.6683



84.6244, 91.7309, 90.8623



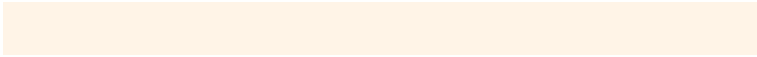
86.3656, 91.7309, 111.9977



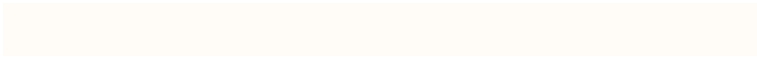
89.8017, 91.7309, 109.4740

Sweetspot

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



88.0166, 91.7347, 88.6702



92.7347, 97.3014, 102.1725



85.8736, 84.8357, 96.0117



19.7191, 20.6743, 21.4938



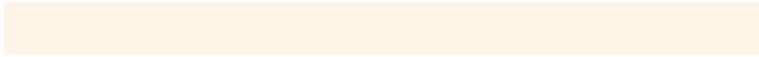
0.0000, 0.0000, 0.0000



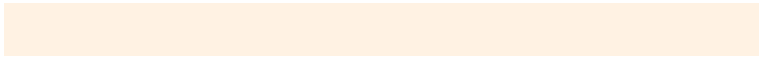
20.3446, 21.4041, 23.3091

Same Dimension

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



88.0166, 91.7347, 88.6702



86.8950, 90.3969, 85.5054



91.1304, 98.3982, 89.7923



18.8249, 19.6181, 18.9388



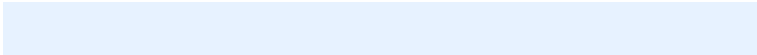
26.4626, 20.9364, 2.6464



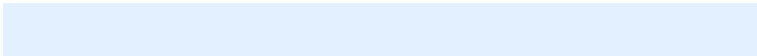
2.6859, 2.2571, 0.2941

Inverse Universe

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



82.7564, 87.7109, 107.1759



80.8140, 85.7453, 106.8989



79.8408, 81.4955, 106.1299



17.6886, 18.7488, 22.9365



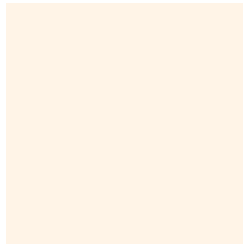
12.8896, 10.6888, 50.8184



1.3627, 1.2561, 4.9839

Previews

White Background



This preview shows how the XYZ color 88.0145, 91.7309, 88.6683 looks on a white background.

Color Contrast Check

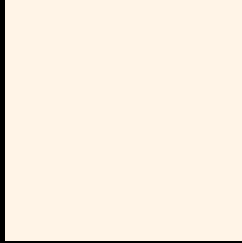
Large Text (above 18pt) WCAG AA × Fail

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 88.0145, 91.7309, 88.6683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

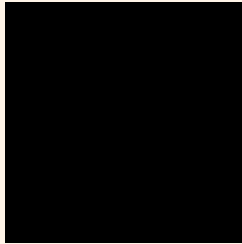
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 88.0145, 91.7309, 88.6683

Background



This preview shows how black text looks on a background with the XYZ color 88.0145, 91.7309, 88.6683.



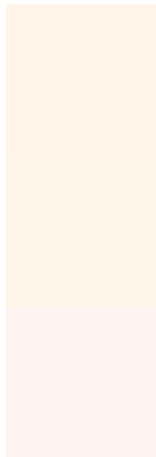
This preview shows how white text looks on a background with the XYZ color 88.0145, 91.7309,

88.6683.

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

88.0145, 91.7309, 88.6683

Protanopia

87.5842, 91.9570, 88.7346

Deuteranopia

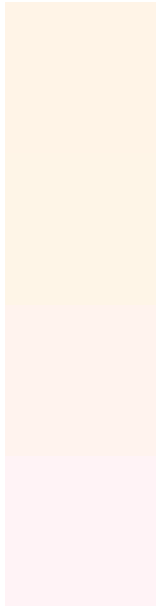
89.3176, 91.7720, 97.0106



Tritanopia

91.0421, 91.9843, 107.5640

Trichromacy



Original Color

88.0145, 91.7309, 88.6683

Protanomaly

87.9493, 92.1452, 88.7517

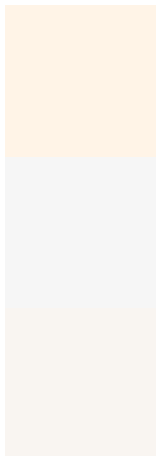
Deuteranomaly

88.7232, 91.5342, 93.8806

Tritanomaly

89.9251, 92.0150, 100.2099

Monochromacy



Original Color

88.0145, 91.7309, 88.6683

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

87.5965, 91.7954, 96.3205

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.0145, 91.7309, 88.6683 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, 244, 231)` looks like.

```
.text, #text, p{  
    color:rgb(255, 244, 231)  
}
```

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, 244, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 244, 231) }
```

Border

The CSS property to change the border of an element to XYZ 88.0145, 91.7309, 88.6683 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, 244, 231) }
```


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

```
.border{ border-color:rgb(255, 244, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 244, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 244, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 244, 231);  
box-shadow:4px 4px 4px 4px rgb(255, 244,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 88.0145, 91.7309, 88.6683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 244, 231) }
```

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

```
.background{ background-color: rgb(255,  
244, 231) }
```

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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