

Converting Colors

XYZ(78.6060, 80.1391, 68.4003)

Have a look what the booklet for
XYZ(78.6060, 80.1391, 68.4003)
contains.

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Color

**XYZ(78.5131, 79.9933,
68.4289)**

Conversions

Conversions Part 1

Format	Color
Hex	FCE3CC
RGB	252, 227, 204
RGB Percent	99%, 89%, 80%
CMY	0.0118, 0.1098, 0.2000
CMYK	0.00, 0.10, 0.19, 0.01
HSL	29°, 89%, 89%
HSV	29°, 19%, 99%
XYZ	78.5131, 79.9933, 68.4289
YIQ	231.8530, 22.2830, -1.8530

Conversions

Conversions Part 2

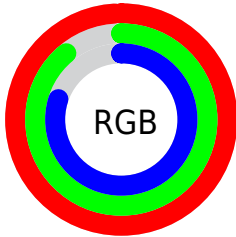
Format	Color
R _Y B	252, 248, 204
Decimal	16573388
CIE Lab	91.68, 5.00, 14.35
CIE LCh	92, 15.191, 70.798
Yxy	79.9933, 0.3460, 0.3525
Android (android.graphics.Color)	4294763468 (0xFFFC3CC)
YUV	231.8530, -13.7315, 17.6689
Hunter-Lab	89.4390, 0.1762, 17.2451

Details

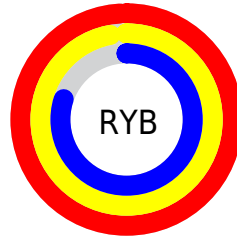
The XYZ color **78.5131, 79.9933, 68.4289** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.4914, 75.9025, 103.0314**, and the grayscale version is **76.6814, 80.6748, 87.8549**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.7632, 43.3092, 34.9598** is the 20% darker color. If you saturate the color by 10%, you get **72.2790, 71.9766, 52.6261**, and if you desaturate by 10%, it is **85.5142, 88.7600, 86.9019**.

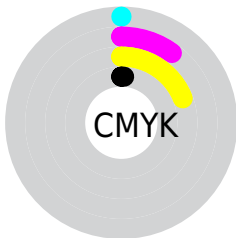
Distribution



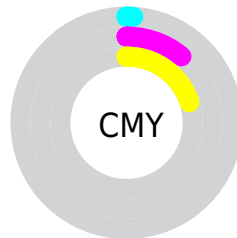
- Red (99%)
- Green (89%)
- Blue (80%)



- Red (99%)
- Yellow (97%)
- Blue (80%)



- Cyan (0%)
- Magenta (10%)
- Yellow (19%)
- Black (1%)





- Cyan (1%)
- Magenta (11%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.5131, 79.9933, 68.4289 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 78.5131, 79.9933, 68.4289 by changing the saturation by 10% instead.

 78.5131, 79.9933,
68.4289

 78.5131, 79.9933,
68.4289


478.7208,
494.9103, 473.6534

 58.7998, 59.7128,
49.7779


130.2347,
133.3563, 118.6255

 42.6977, 43.1872,
34.8670


162.9738,
167.2077, 151.0082

 29.8415, 30.0320,
23.2777


200.7855,
206.3514, 188.8052

 19.8658, 19.8629,
14.5915

244.0351,
251.1720, 232.4350

 12.4052, 12.2954,
8.3898

293.0882,
302.0538, 282.3162

 7.0944, 6.9452,
4.2540

348.3099,

 3.5681, 3.4279,

359.3811, 338.8673

1.7657

410.0656,
423.5385, 402.5068

■ 1.4608, 1.3590,
0.4052

■ 0.2989, 0.1862,
0.0000

■ 78.5131, 79.9933,
68.4289

■ 78.5131, 79.9933,
68.4289

■ 72.2790, 71.9766,
52.6261

■ 85.5142, 88.7600,
86.9019

■ 66.7758, 64.6775,
39.3627

■ 93.3036, 98.2863,
108.1573

■ 61.9741, 58.0771,
28.5045

■ 93.9552, 99.4356,
108.8488

■ 57.8395, 52.1510,
19.9027

■ 54.3342, 46.8734,
13.3917

■ 51.4158, 42.2159,
8.7828

■ 49.0348, 38.1471,
5.8525

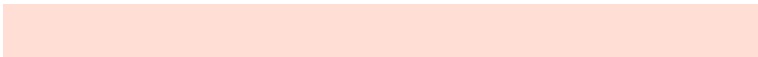
■ 47.1211, 34.6265,
4.2690

■ 46.9554, 34.3161,
4.1488

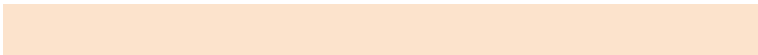
Harmonies

Analogous

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



81.8237, 79.9933, 73.8634



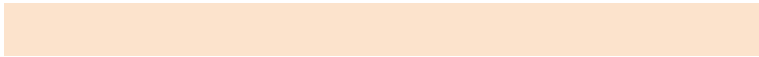
78.5131, 79.9933, 68.4289



74.6413, 79.9933, 67.7407

Triad

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



78.5131, 79.9933, 68.4289



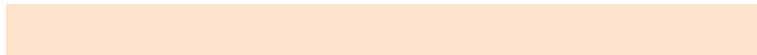
68.9315, 79.9933, 91.1660



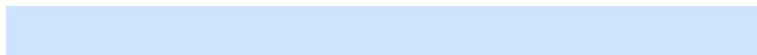
81.0139, 79.9933, 104.3072

Complementary

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



78.5131, 79.9933, 68.4289



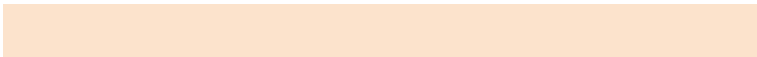
70.4914, 75.9025, 103.0314

Split Complementary

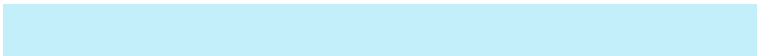
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.4383, 79.9933, 109.8333



78.5131, 79.9933, 68.4289



70.5188, 79.9933, 101.8284

Square

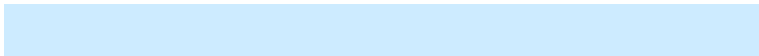
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.5131, 79.9933, 68.4289



69.1971, 79.9933, 80.2547



73.6022, 79.9933, 108.8894



83.3012, 79.9933, 94.3220

Rectangle

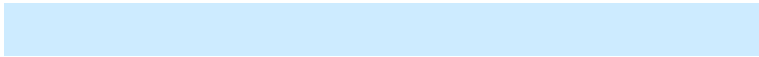
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.5131, 79.9933, 68.4289



72.2727, 79.9933, 69.9949



73.6022, 79.9933, 108.8894



79.9178, 79.9933, 106.7848

Sweetspot

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



78.5152, 79.9969, 68.4306



90.1944, 94.0751, 95.6092



75.9654, 69.5729, 83.9947



19.1960, 20.0016, 20.1682



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.



78.5152, 79.9969, 68.4306



78.0229, 78.8200, 63.5352



85.3547, 93.6759, 70.7104



17.9310, 18.5978, 18.1071



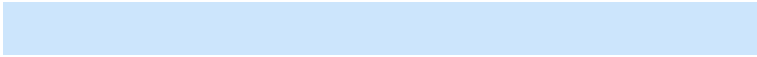
24.6052, 18.1670, 2.2097



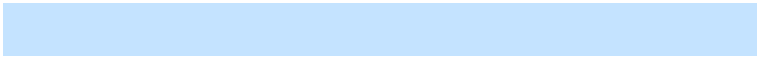
2.3843, 1.8935, 0.2398

Inverse Universe

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



70.4914, 75.9025, 103.0314



68.3453, 73.8812, 105.2661



64.4487, 63.8170, 101.0172



17.0309, 18.1386, 21.9888



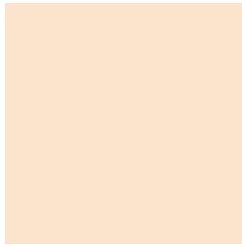
13.5450, 12.4455, 49.6619



1.3607, 1.3650, 4.6349

Previews

White Background



This preview shows how the XYZ color 78.5131, 79.9933, 68.4289 looks on a white background.

Color Contrast Check

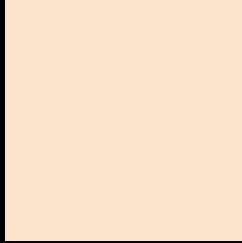
Large Text (above 18pt) WCAG AA × Fail

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 78.5131, 79.9933, 68.4289 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 78.5131, 79.9933, 68.4289

Background



This preview shows how black text looks on a background with the XYZ color 78.5131, 79.9933, 68.4289.



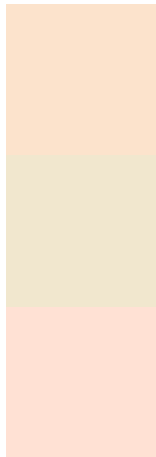
This preview shows how white text looks on a background with the XYZ color 78.5131, 79.9933,

68.4289.

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

78.5131, 79.9933, 68.4289

Protanopia

75.9921, 80.3088, 69.8885

Deuteranopia

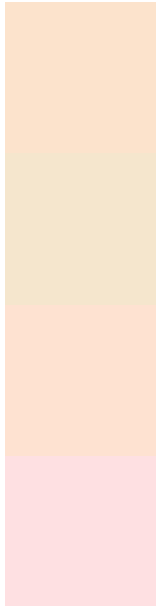
80.0489, 79.8639, 73.4836



Tritanopia

82.9413, 79.7345, 92.6802

Trichromacy



Original Color

78.5131, 79.9933, 68.4289

Protanomaly

76.9724, 80.4139, 69.2222

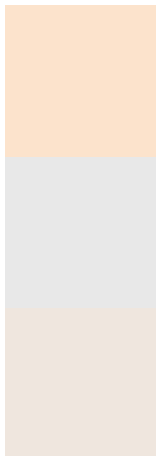
Deuteranomaly

79.5780, 80.0670, 71.5819

Tritanomaly

81.2562, 79.8731, 83.0859

Monochromacy



Original Color

78.5131, 79.9933, 68.4289

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

77.0782, 80.2183, 80.5285

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.5131, 79.9933, 68.4289 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(252, 227, 204)` looks like.

```
.text, #text, p{  
    color:rgb(252, 227, 204)  
}
```

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(252, 227, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 227, 204) }
```

Border

The CSS property to change the border of an element to XYZ 78.5131, 79.9933, 68.4289 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(252, 227, 204) }
```


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

```
.border{ border-color:rgb(252, 227, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 227, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 227, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 227, 204);  
box-shadow:4px 4px 4px 4px rgb(252, 227,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 78.5131, 79.9933, 68.4289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 227, 204) }
```

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

```
.background{ background-color: rgb(252,  
227, 204) }
```

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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