

Converting Colors

XYZ(78.0394, 80.2547, 70.7292)

Have a look what the booklet for
XYZ(78.0394, 80.2547, 70.7292)
contains.

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Color

**XYZ(77.8400, 79.9973,
71.0129)**

Conversions

Conversions Part 1

Format	Color
Hex	F8E4D0
RGB	248, 228, 208
RGB Percent	97%, 89%, 82%
CMY	0.0274, 0.1059, 0.1843
CMYK	0.00, 0.08, 0.16, 0.03
HSL	30°, 74%, 89%
HSV	30°, 16%, 97%
XYZ	77.8400, 79.9973, 71.0129
YIQ	231.7000, 18.3400, -1.9800

Conversions

Conversions Part 2

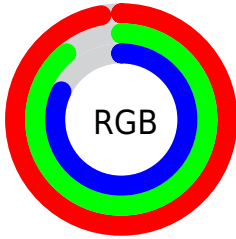
Format	Color
R _Y B	248, 248, 208
Decimal	16311504
CIE Lab	91.68, 3.64, 12.22
CIE LCh	92, 12.751, 73.394
Yxy	79.9973, 0.3401, 0.3496
Android (android.graphics.Color)	4294501584 (0xFFFF8E4D0)
YUV	231.7000, -11.6841, 14.2951
Hunter-Lab	89.4412, -1.1749, 15.5349

Details

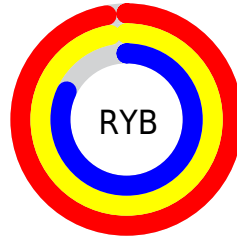
The XYZ color **77.8400, 79.9973, 71.0129** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **70.6988, 75.6725, 99.6878**, and the grayscale version is **76.5542, 80.5410, 87.7092**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.2622, 43.2966, 36.7015** is the 20% darker color. If you saturate the color by 10%, you get **71.7357, 72.2954, 55.0834**, and if you desaturate by 10%, it is **84.6703, 88.3863, 89.5401**.

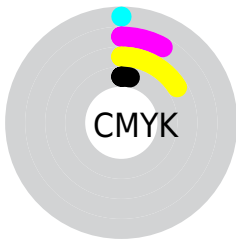
Distribution



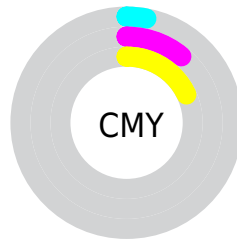
- Red (97%)
- Green (89%)
- Blue (82%)



- Red (97%)
- Yellow (97%)
- Blue (82%)



- Cyan (0%)
- Magenta (8%)
- Yellow (16%)
- Black (3%)





- Cyan (3%)
- Magenta (11%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.8400, 79.9973, 71.0129 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 77.8400, 79.9973, 71.0129 by changing the saturation by 10% instead.


 77.8400, 79.9973,
71.0129

 77.8400, 79.9973,
71.0129


476.4714,
494.9237, 482.9834

 58.2449, 59.7161,
51.8708


129.2911,
133.3619, 122.3467

 42.2496, 43.1899,
36.5206


161.8778,
167.2142, 155.3755

 29.4887, 30.0341,
24.5437


199.5257,
206.3589, 193.8704

 19.5970, 19.8645,
15.5215

242.6003,
251.1806, 238.2497

 12.2090, 12.2966,
9.0355

291.4667,
302.0635, 288.9322

 6.9594, 6.9460,
4.6672

346.4905,

 3.4828, 3.4283,

359.3920, 346.3363

1.9981

408.0370,
423.5506, 410.8805

■ 1.4139, 1.3592,
0.5541

■ 0.2661, 0.1864,
0.0000

■ 77.8400, 79.9973,
71.0129

■ 77.8400, 79.9973,
71.0129

■ 71.7357, 72.2954,
55.0834

■ 84.6703, 88.3863,
89.5401

■ 66.3239, 65.2510,
41.6283

■ 91.8240, 97.3012,
108.5491

■ 61.5774, 58.8474,
30.5220

■ 92.5217, 98.6966,
108.7817

■ 57.4649, 53.0635,
21.6255

■ 53.9519, 47.8764,
14.7853

■ 50.9998, 43.2614,
9.8274

■ 48.5645, 39.1908,
6.5488

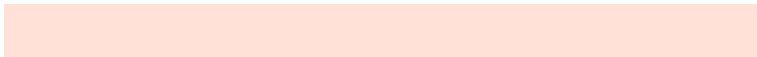
■ 46.5920, 35.6330,
4.6979

■ 45.9230, 34.3792,
4.2154

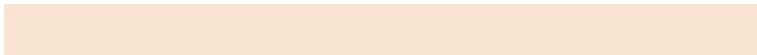
Harmonies

Analogous

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



80.6799, 79.9973, 75.3470



77.8400, 79.9973, 71.0129



74.5927, 79.9973, 70.7859

Triad

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



77.8400, 79.9973, 71.0129



70.1007, 79.9973, 91.3269



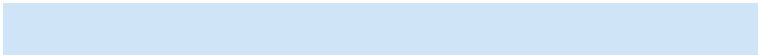
80.4217, 79.9973, 100.8056

Complementary

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



77.8400, 79.9973, 71.0129



70.6988, 75.6725, 99.6878

Split Complementary

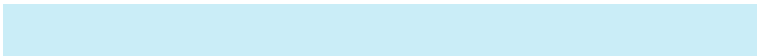
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.4958, 79.9973, 105.7538



77.8400, 79.9973, 71.0129



71.5719, 79.9973, 100.0234

Square

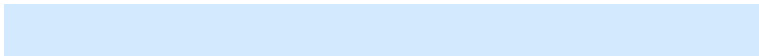
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.8400, 79.9973, 71.0129



70.1868, 79.9973, 82.0746



74.2582, 79.9973, 105.4577



82.1994, 79.9973, 92.3337

Rectangle

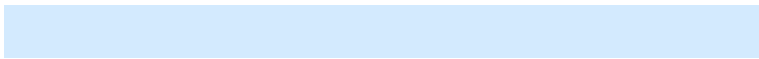
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.8400, 79.9973, 71.0129



72.6381, 79.9973, 72.9628



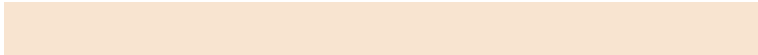
74.2582, 79.9973, 105.4577



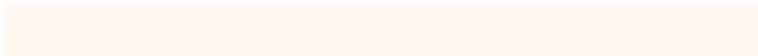
79.5363, 79.9973, 102.9624

Sweetspot

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



77.8422, 80.0009, 71.0146



91.0649, 95.2065, 97.7785



75.2718, 70.6707, 83.0733



19.3752, 20.2371, 20.6066



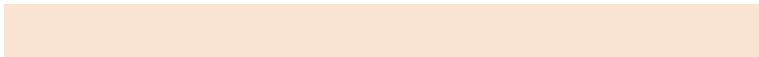
0.0000, 0.0000, 0.0000



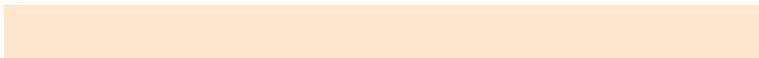
20.3446, 21.4041, 23.3091

Same Dimension

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



77.8422, 80.0009, 71.0146



80.9621, 82.7721, 70.4529



83.6648, 91.6462, 72.9555



17.9618, 18.6595, 18.1174



24.9478, 18.8522, 2.3239



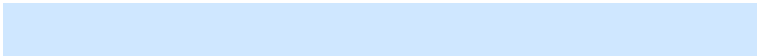
2.4166, 1.9580, 0.2506

Inverse Universe

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



70.6988, 75.6725, 99.6878



72.1680, 77.4435, 105.7522



65.5126, 65.3001, 97.9590



16.9999, 18.0767, 21.9784



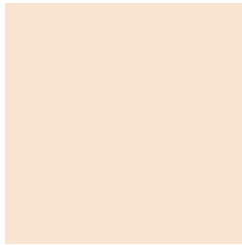
13.1847, 11.7250, 49.5418



1.3271, 1.2979, 4.6238

Previews

White Background



This preview shows how the XYZ color 77.8400, 79.9973, 71.0129 looks on a white background.

Color Contrast Check

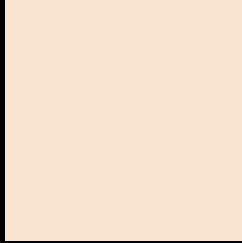
Large Text (above 18pt) WCAG AA × Fail

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 77.8400, 79.9973, 71.0129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

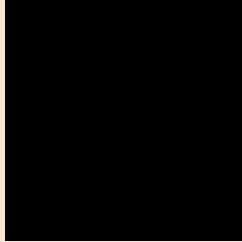
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

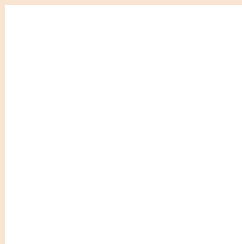
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 77.8400, 79.9973, 71.0129

Background



This preview shows how black text looks on a background with the XYZ color 77.8400, 79.9973, 71.0129.



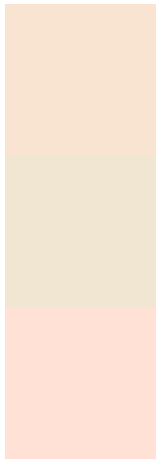
This preview shows how white text looks on a background with the XYZ color 77.8400, 79.9973,

71.0129.

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

77.8400, 79.9973, 71.0129

Protanopia

75.7406, 79.7223, 71.7176

Deuteranopia

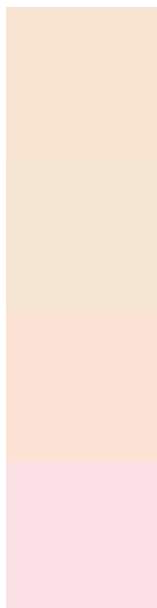
80.3028, 79.9655, 74.8208



Tritanopia

82.4097, 79.8217, 94.2828

Trichromacy



Original Color

77.8400, 79.9973, 71.0129

Protanomaly

76.4901, 79.6968, 71.6732

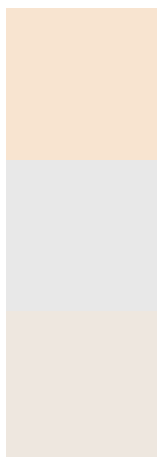
Deuteranomaly

79.2249, 79.8416, 73.5227

Tritanomaly

80.8517, 80.0168, 85.3122

Monochromacy



Original Color

77.8400, 79.9973, 71.0129

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

77.1551, 80.6567, 81.3138

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.8400, 79.9973, 71.0129 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(248, 228, 208) looks like.

```
.text, #text, p{  
    color:rgb(248, 228, 208)  
}
```

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(248, 228, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 228, 208) }
```

Border

The CSS property to change the border of an element to XYZ 77.8400, 79.9973, 71.0129 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(248, 228, 208) }
```


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

```
.border{ border-color:rgb(248, 228, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 228, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 228, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 228, 208);  
box-shadow:4px 4px 4px 4px rgb(248, 228,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 77.8400, 79.9973, 71.0129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 228, 208) }
```

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

```
.background{ background-color: rgb(248,  
228, 208) }
```

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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