

Converting Colors

XYZ(182.9814, 134.8649,
71.4316)

Have a look what the booklet for
XYZ(182.9814, 134.8649, 71.4316)
contains.

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Color

**XYZ(79.8019, 81.5157,
66.7864)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE5C9
RGB	255, 229, 201
RGB Percent	100%, 90%, 79%
CMY	0.0000, 0.1019, 0.2118
CMYK	0.00, 0.10, 0.21, 0.00
HSL	31°, 100%, 89%
HSV	31°, 21%, 100%
XYZ	79.8019, 81.5157, 66.7864
YIQ	233.5820, 24.4840, -3.1960

Conversions

Conversions Part 2

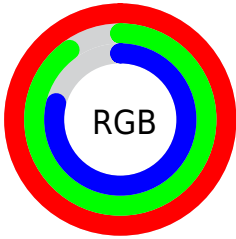
Format	Color
R _Y B	251, 255, 201
Decimal	16770505
CIE Lab	92.36, 4.62, 16.90
CIE LCh	92, 17.519, 74.698
Yxy	81.5157, 0.3498, 0.3574
Android (android.graphics.Color)	4294960585 (0xFFFFE5C9)
YUV	233.5820, -16.0629, 18.7836
Hunter-Lab	90.2860, -0.2283, 19.3422

Details

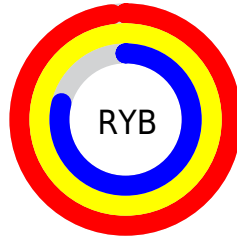
The XYZ color **79.8019, 81.5157, 66.7864** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **69.6057, 74.5734, 105.3332**, and the grayscale version is **77.9971, 82.0590, 89.3622**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.6912, 44.3845, 33.8680** is the 20% darker color. If you saturate the color by 10%, you get **73.7709, 73.8622, 51.1850**, and if you desaturate by 10%, it is **86.5751, 89.8560, 85.0940**.

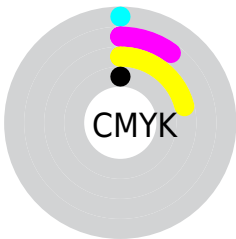
Distribution



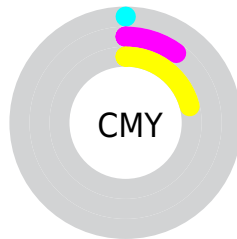
- Red (100%)
- Green (90%)
- Blue (79%)



- Red (98%)
- Yellow (100%)
- Blue (79%)



- Cyan (0%)
- Magenta (10%)
- Yellow (21%)
- Black (0%)





- Cyan (0%)
- Magenta (10%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.8019, 81.5157, 66.7864 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 79.8019, 81.5157, 66.7864 by changing the saturation by 10% instead.


 79.8019, 81.5157,
66.7864

 79.8019, 81.5157,
66.7864


483.0117,
500.0263, 467.6649

 59.8633, 60.9664,
48.4506


132.0392,
135.4946, 116.2520

 43.5575, 44.1981,
33.8213


165.0685,
169.6931, 148.2189

 30.5192, 30.8263,
22.4801


203.1921,
209.2100, 185.5665

 20.3830, 20.4666,
14.0084

246.7753,
254.4299, 228.7134

 12.7836, 12.7347,
7.9877

296.1836,
305.7371, 278.0782

 7.3557, 7.2461,
3.9994

351.7821,

 3.7338, 3.6165,

363.5159, 334.0793

1.6250

413.9364,
428.1509, 397.1354

■ 1.5527, 1.4614,
0.3086

■ 0.3613, 0.2613,
0.0000

■ 79.8019, 81.5157,
66.7864

■ 79.8019, 81.5157,
66.7864

■ 73.7709, 73.8622,
51.1850

■ 86.5751, 89.8560,
85.0940

■ 68.4466, 66.8649,
38.1536

■ 94.1123, 98.8910,
106.2245

■ 63.7993, 60.5067,
27.5520

■ 95.0500, 100.0000,
108.9000

■ 59.7945, 54.7654,
19.2241

■ 56.3938, 49.6168,
12.9956

■ 53.5541, 45.0346,
8.6664

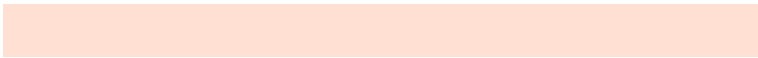
■ 51.2242, 40.9889,
5.9965

■ 49.5250, 37.8300,
4.6917

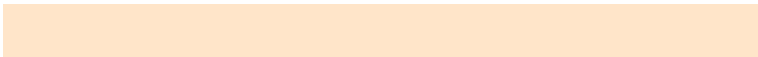
Harmonies

Analogous

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



83.8420, 81.5157, 72.3279



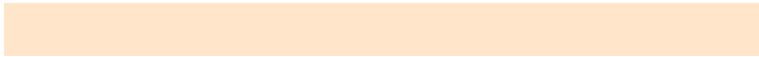
79.8019, 81.5157, 66.7864



75.2873, 81.5157, 66.7300

Triad

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



79.8019, 81.5157, 66.7864



69.3476, 81.5157, 95.2435



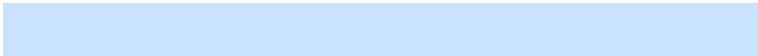
83.7735, 81.5157, 107.7140

Complementary

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



79.8019, 81.5157, 66.7864



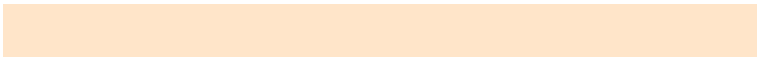
69.6057, 74.5734, 105.3332

Split Complementary

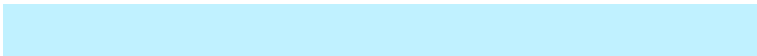
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.7113, 81.5157, 115.1645



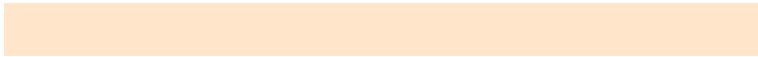
79.8019, 81.5157, 66.7864



71.4449, 81.5157, 107.5021

Square

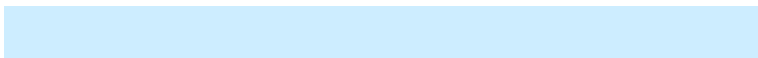
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.8019, 81.5157, 66.7864



69.3697, 81.5157, 82.3291



75.2001, 81.5157, 115.0834



86.1952, 81.5157, 95.5105

Rectangle

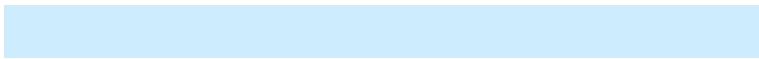
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.8019, 81.5157, 66.7864



72.6207, 81.5157, 69.7707



75.2001, 81.5157, 115.0834



82.5477, 81.5157, 110.9079

Sweetspot

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



79.8039, 81.5193, 66.7881



90.3789, 94.4440, 95.6706



76.0061, 68.5857, 81.9785



19.2396, 20.0887, 20.1827



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.



79.8039, 81.5193, 66.7881



77.4111, 78.5118, 60.5089



87.2125, 96.8268, 69.3523



18.7887, 19.5456, 18.9267



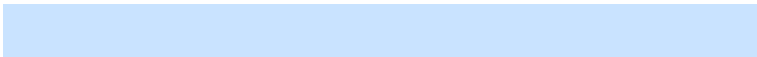
26.0283, 20.0678, 2.5016



2.6437, 2.1728, 0.2801

Inverse Universe

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



69.6057, 74.5734, 105.3332



65.7036, 70.5384, 104.7601



63.2676, 61.5370, 103.1510



17.7246, 18.8207, 22.9485



13.2642, 11.4379, 50.9432



1.4002, 1.3311, 4.9964

Previews

White Background



This preview shows how the XYZ color 79.8019, 81.5157, 66.7864 looks on a white background.

Color Contrast Check

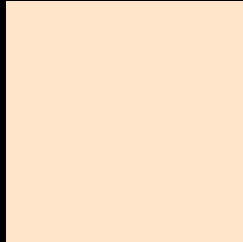
Large Text (above 18pt) WCAG AA × Fail

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 79.8019, 81.5157, 66.7864 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

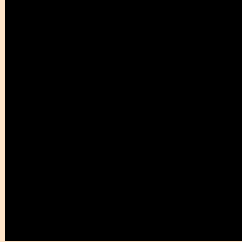
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.8019, 81.5157, 66.7864

Background



This preview shows how black text looks on a background with the XYZ color 79.8019, 81.5157, 66.7864.



This preview shows how white text looks on a background with the XYZ color 79.8019, 81.5157,

66.7864.

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

79.8019, 81.5157, 66.7864

Protanopia

77.2266, 81.8227, 68.2230

Deuteranopia

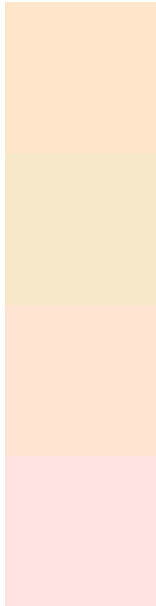
81.1210, 81.6018, 75.0935



Tritanopia

83.7452, 81.3424, 92.9482

Trichromacy



Original Color

79.8019, 81.5157, 66.7864

Protanomaly

78.2287, 81.9340, 67.5689

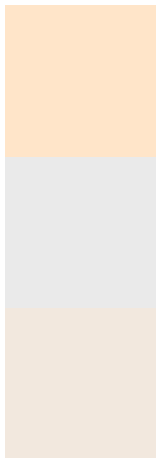
Deuteranomaly

80.4920, 81.3503, 71.7814

Tritanomaly

82.0270, 81.0890, 82.5626

Monochromacy



Original Color

79.8019, 81.5157, 66.7864

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

78.6594, 81.8644, 80.7629

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.8019, 81.5157, 66.7864 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, 229, 201)` looks like.

```
.text, #text, p{  
    color:rgb(255, 229, 201)  
}
```

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, 229, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 229, 201) }
```

Border

The CSS property to change the border of an element to XYZ 79.8019, 81.5157, 66.7864 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, 229, 201) }
```


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

```
.border{ border-color:rgb(255, 229, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 229, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 229, 201); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 229, 201); box-shadow:4px 4px 4px 4px rgb(255, 229, 201) }
```

Background

The CSS property to change the background color of an element to XYZ 79.8019, 81.5157, 66.7864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 229, 201) }
```

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

```
.background{ background-color: rgb(255,  
229, 201) }
```

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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