

Converting Colors

XYZ(81.4270, 94.0044, 78.5489)

Have a look what the booklet for
XYZ(81.4270, 94.0044, 78.5489)
contains.

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Color

**XYZ(81.1097, 93.4668,
78.7317)**

Conversions

Conversions Part 1

Format	Color
Hex	E7FFD8
RGB	231, 255, 216
RGB Percent	91%, 100%, 85%
CMY	0.0941, 0.0000, 0.1529
CMYK	0.09, 0.00, 0.15, 0.00
HSL	97°, 100%, 92%
HSV	97°, 15%, 100%
XYZ	81.1097, 93.4668, 78.7317
YIQ	243.3780, -1.7850, -17.2170

Conversions

Conversions Part 2

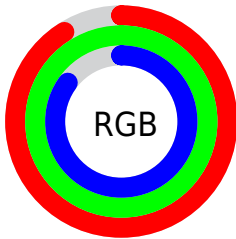
Format	Color
R _Y B	216, 255, 240
Decimal	15204312
CIE Lab	97.42, -14.61, 16.03
CIE LCh	97, 21.690, 132.333
Yxy	93.4668, 0.3202, 0.3690
Android (android.graphics.Color)	4293394392 (0xFFE7FFD8)
YUV	243.3780, -13.4974, -10.8555
Hunter-Lab	96.6782, -19.4316, 19.3909

Details

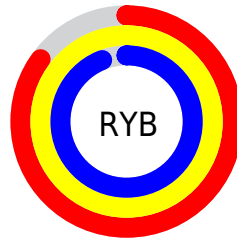
The XYZ color **81.1097, 93.4668, 78.7317** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **78.5418, 74.8582, 104.9172**, and the grayscale version is **85.5972, 90.0549, 98.0698**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.3063, 52.0753, 41.4346** is the 20% darker color. If you saturate the color by 10%, you get **73.2244, 89.7536, 62.4682**, and if you desaturate by 10%, it is **89.9621, 97.6194, 97.7137**.

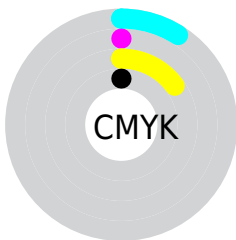
Distribution



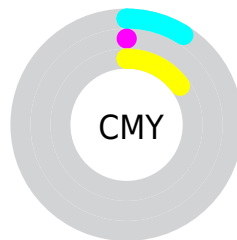
- Red (91%)
- Green (100%)
- Blue (85%)



- Red (85%)
- Yellow (100%)
- Blue (94%)



- Cyan (9%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)





- Cyan (9%)
- Magenta (0%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.1097, 93.4668, 78.7317 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 81.1097, 93.4668, 78.7317 by changing the saturation by 10% instead.


 81.1097, 93.4668,
78.7317

 81.1097, 93.4668,
78.7317


487.3445,
539.2449, 510.2418

 60.9436, 70.8596,
58.1552


133.8671,
152.1447, 133.3763

 44.4320, 52.2276,
41.5179


167.1891,
188.9842, 168.2815

 31.2096, 37.1865,
28.4013


205.6271,
231.3365, 208.8001

 20.9111, 25.3519,
18.3867

249.5465,
279.5861, 255.3505

 13.1711, 16.3395,
11.0557

299.3126,
334.1173, 308.3514

 7.6243, 9.7647,
5.9896

355.2907,

 3.9053, 5.2432,

395.3146, 368.2212

2.7701

417.8462,
463.5623, 435.3785

■ 1.6487, 2.3907,
0.9785

■ 0.4238, 0.8211,
0.0000

■ 81.1097, 93.4668,
78.7317

■ 81.1097, 93.4668,
78.7317

■ 73.2244, 89.7536,
62.4682

■ 89.9621, 97.6194,
97.7137

■ 66.2689, 86.4633,
48.7946

95.0500, 100.0000,
108.9000

■ 60.2061, 83.5798,
37.5782

■ 54.9953, 81.0853,
28.6727

■ 50.5925, 78.9606,
21.9163

■ 46.9488, 77.1844,
17.1265

■ 44.0088, 75.7329,
14.0903

■ 41.7066, 74.5779,
12.5447

■ 40.8054, 74.1210,
12.1561

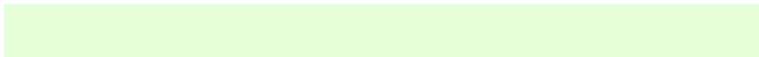
Harmonies

Analogous

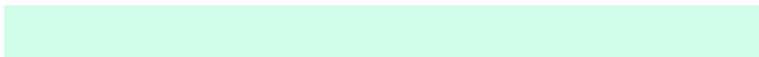
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.3355, 93.4668, 72.1414



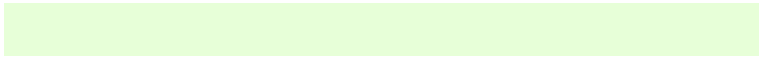
81.1097, 93.4668, 78.7317



78.0400, 93.4668, 91.8342

Triad

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



81.1097, 93.4668, 78.7317



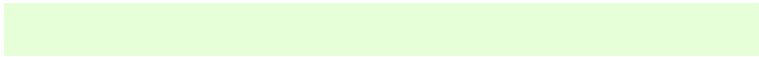
85.2969, 93.4668, 137.5679



100.8971, 93.4668, 94.7060

Complementary

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



81.1097, 93.4668, 78.7317



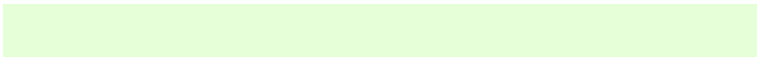
78.5418, 74.8582, 104.9172

Split Complementary

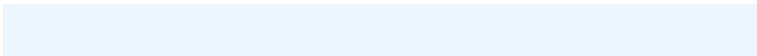
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



100.5875, 93.4668, 112.3966



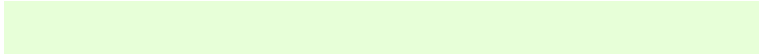
81.1097, 93.4668, 78.7317



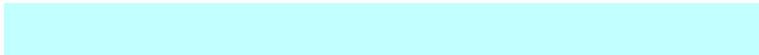
91.3871, 93.4668, 138.5674

Square

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



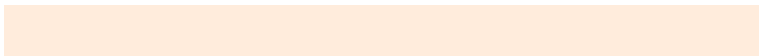
81.1097, 93.4668, 78.7317



80.3797, 93.4668, 126.3216



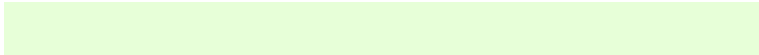
97.0410, 93.4668, 128.9127



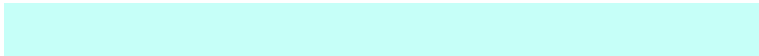
97.8685, 93.4668, 80.6245

Rectangle

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



81.1097, 93.4668, 78.7317



77.5385, 93.4668, 103.1544



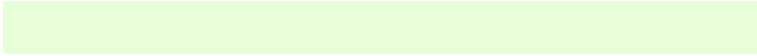
97.0410, 93.4668, 128.9127



101.1838, 93.4668, 100.3969

Sweetspot

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



81.1104, 93.4671, 78.7331



90.2367, 97.7480, 98.3127



84.6189, 88.1859, 77.5288



19.1739, 20.8563, 20.7367



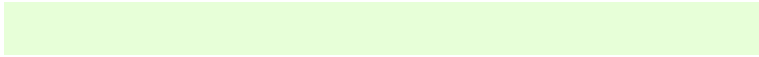
0.0000, 0.0000, 0.0000



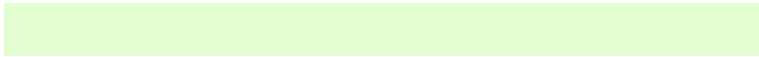
20.3446, 21.4041, 23.3091

Same Dimension

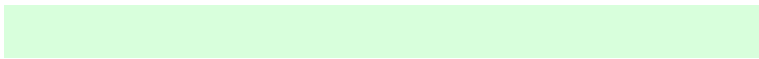
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.1104, 93.4671, 78.7331



78.8820, 92.4193, 74.0677



76.9848, 91.2813, 81.2035



18.4321, 20.5086, 19.1314



21.4755, 38.8091, 6.3590



2.2085, 3.8393, 0.6247

Inverse Universe

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



78.5418, 74.8582, 104.9172



75.9157, 70.9342, 104.2982



83.2248, 77.3441, 101.8921



18.0764, 17.9311, 22.7583



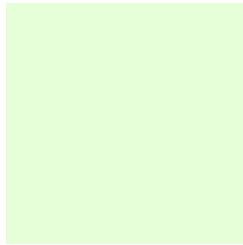
16.8610, 7.6026, 50.0134



1.7638, 0.8032, 4.8753

Previews

White Background



This preview shows how the XYZ color 81.1097, 93.4668, 78.7317 looks on a white background.

Color Contrast Check

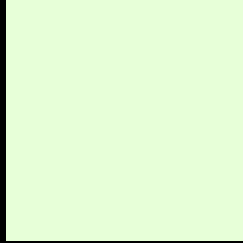
Large Text (above 18pt) WCAG AA × Fail

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 81.1097, 93.4668, 78.7317 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

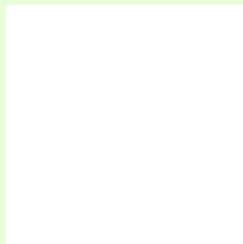
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.1097, 93.4668, 78.7317

Background



This preview shows how black text looks on a background with the XYZ color 81.1097, 93.4668, 78.7317.



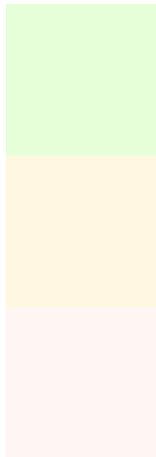
This preview shows how white text looks on a background with the XYZ color 81.1097, 93.4668,

78.7317.

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

81.1097, 93.4668, 78.7317

Protanopia

88.2282, 93.2725, 85.3048

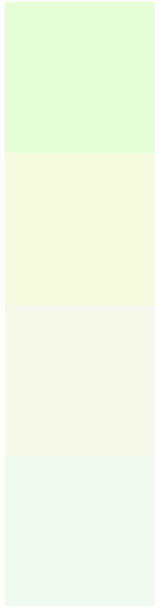
Deuteranopia

89.9194, 92.9756, 97.2112

Tritanopia

88.6190, 92.9746, 107.8829

Trichromacy



Original Color

81.1097, 93.4668, 78.7317

Protanomaly

85.3765, 93.2380, 82.6041

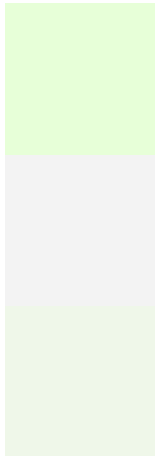
Deuteranomaly

86.5897, 93.2274, 90.5217

Tritanomaly

85.6594, 93.0728, 96.6692

Monochromacy



Original Color

81.1097, 93.4668, 78.7317

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

83.5653, 90.7554, 90.2040

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.1097, 93.4668, 78.7317 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(231, 255, 216)` looks like.

```
.text, #text, p{  
    color:rgb(231, 255, 216)  
}
```

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(231, 255, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 255, 216) }
```

Border

The CSS property to change the border of an element to XYZ 81.1097, 93.4668, 78.7317 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(231, 255, 216) }
```


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

```
.border{ border-color:rgb(231, 255, 216) }
```

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

Here you see how a box with a 4 pixel rgb(231, 255, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 255, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 255, 216);  
box-shadow:4px 4px 4px 4px rgb(231, 255,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 81.1097, 93.4668, 78.7317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 255, 216) }
```

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

```
.background{ background-color: rgb(231,  
255, 216) }
```

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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