

Converting Colors

XYZ(88.7959, 108.7523,
68.8613)

Have a look what the booklet for
XYZ(88.7959, 108.7523, 68.8613)
contains.

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Color

**XYZ(81.4346, 93.9019,
66.6561)**

Conversions

Conversions Part 1

Format	Color
Hex	EFFFC5
RGB	239, 255, 197
RGB Percent	94%, 100%, 77%
CMY	0.0627, 0.0000, 0.2274
CMYK	0.06, 0.00, 0.23, 0.00
HSL	77°, 100%, 89%
HSV	77°, 23%, 100%
XYZ	81.4346, 93.9019, 66.6561
YIQ	243.6040, 9.0820, -21.4300

Conversions

Conversions Part 2

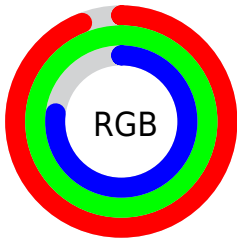
Format	Color
RYB	197, 255, 213
Decimal	15728581
CIELab	97.59, -14.73, 26.03
CIELCh	98, 29.909, 119.510
Yxy	93.9019, 0.3365, 0.3880
Android (android.graphics.Color)	4293918661 (0xFFEFFF5)
YUV	243.6040, -22.9758, -4.0377
Hunter-Lab	96.9030, -19.5738, 27.0486

Details

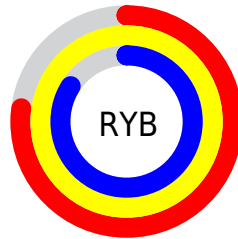
The XYZ color **81.4346, 93.9019, 66.6561** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **65.4578, 61.2999, 102.9898**, and the grayscale version is **85.8445, 90.3151, 98.3531**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **44.6804, 52.4386, 33.7534** is the 20% darker color. If you saturate the color by 10%, you get **76.4264, 91.6296, 52.4377**, and if you desaturate by 10%, it is **87.0306, 96.4201, 83.4846**.

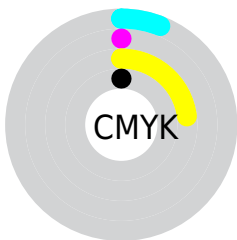
Distribution



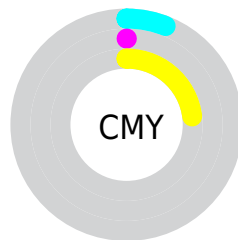
- Red (94%)
- Green (100%)
- Blue (77%)



- Red (77%)
- Yellow (100%)
- Blue (84%)



- Cyan (6%)
- Magenta (0%)
- Yellow (23%)
- Black (0%)





- Cyan (6%)
- Magenta (0%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.4346, 93.9019, 66.6561 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 81.4346, 93.9019, 66.6561 by changing the saturation by 10% instead.


 81.4346, 93.9019,
66.6561

 81.4346, 93.9019,
66.6561


488.4177,
540.6435, 467.1878

 61.2121, 71.2214,
48.3454


134.3208,
152.7467, 116.0635

 44.6496, 52.5229,
33.7385


167.7152,
189.6797, 147.9972

 31.3816, 37.4220,
22.4171


206.2310,
232.1323, 185.3089

 21.0428, 25.5344,
13.9624

250.2335,
280.4890, 228.4173

 13.2680, 16.4757,
7.9561

300.0881,
335.1340, 277.7409

 7.6916, 9.8614,
3.9795

356.1600,

 3.9484, 5.3071,

396.4519, 333.6981

1.6141

418.8148,
464.8269, 396.7076

■ 1.6730, 2.4286,
0.3009

■ 0.4393, 0.8405,
0.0000

■ 81.4346, 93.9019,
66.6561

■ 81.4346, 93.9019,
66.6561

■ 76.4264, 91.6296,
52.4377

■ 87.0306, 96.4201,
83.4846

■ 71.9785, 89.5920,
40.6943

■ 93.2370, 99.1932,
103.0408

■ 68.0634, 87.7779,
31.2850

■ 95.0500, 100.0000,
108.9000

■ 64.6503, 86.1749,
24.0530

■ 61.7046, 84.7690,
18.8222

■ 59.1867, 83.5444,
15.3893

■ 57.0485, 82.4815,
13.5078

■ 55.6845, 81.7915,
12.8525

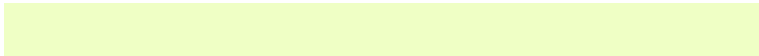
Harmonies

Analogous

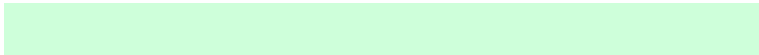
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.3910, 93.9019, 62.1922



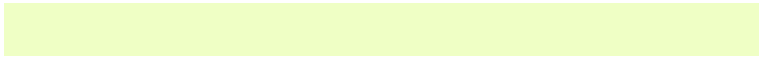
81.4346, 93.9019, 66.6561



75.8859, 93.9019, 80.2702

Triad

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



81.4346, 93.9019, 66.6561



81.2067, 93.9019, 148.1518



106.6254, 93.9019, 102.6446

Complementary

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



81.4346, 93.9019, 66.6561



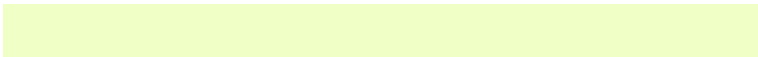
65.4578, 61.2999, 102.9898

Split Complementary

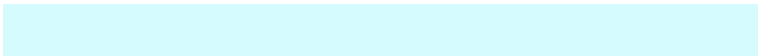
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



104.0997, 93.9019, 127.8994



81.4346, 93.9019, 66.6561



89.1110, 93.9019, 156.5997

Square

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



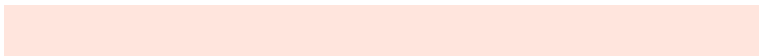
81.4346, 93.9019, 66.6561



75.7603, 93.9019, 127.0950



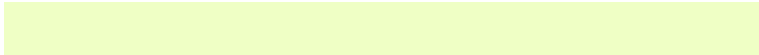
97.5521, 93.9019, 148.6657



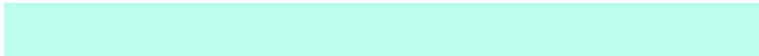
104.2549, 93.9019, 80.8626

Rectangle

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



81.4346, 93.9019, 66.6561



74.1153, 93.9019, 93.9497



97.5521, 93.9019, 148.6657



106.3185, 93.9019, 111.0109

Sweetspot

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



81.4351, 93.9021, 66.6575



90.5195, 97.9812, 94.3771



74.9790, 72.6127, 62.8885



19.2944, 20.9360, 19.9464



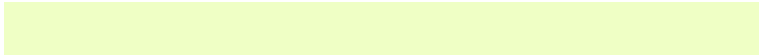
0.0000, 0.0000, 0.0000



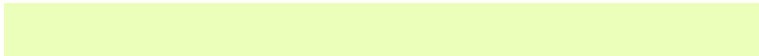
20.3446, 21.4041, 23.3091

Same Dimension

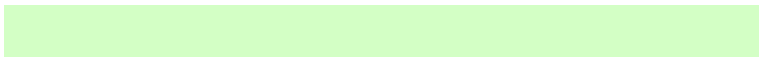
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.4351, 93.9021, 66.6575



79.2333, 92.9056, 60.2946



72.5692, 89.3316, 66.2426



19.0439, 20.8241, 19.1601



29.2481, 42.8160, 6.7228



2.9534, 4.2233, 0.6595

Inverse Universe

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



65.4578, 61.2999, 102.9898



60.8569, 55.4005, 102.0936



74.4521, 65.9366, 103.4107



17.4733, 17.6202, 22.7300



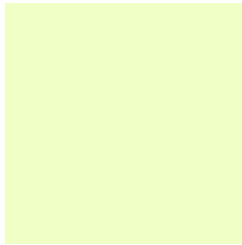
10.8870, 4.5230, 49.7338



1.1601, 0.4920, 4.8471

Previews

White Background



This preview shows how the XYZ color 81.4346, 93.9019, 66.6561 looks on a white background.

Color Contrast Check

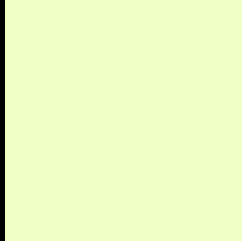
Large Text (above 18pt) WCAG AA × Fail

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 81.4346, 93.9019, 66.6561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

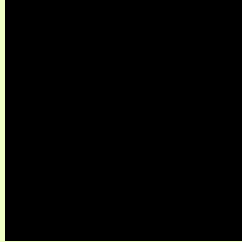
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

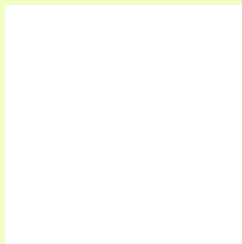
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.4346, 93.9019, 66.6561

Background



This preview shows how black text looks on a background with the XYZ color 81.4346, 93.9019, 66.6561.

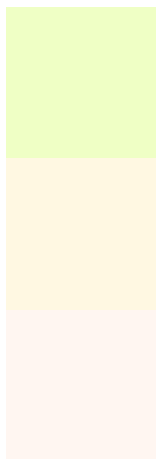


This preview shows how white text looks on a background with the XYZ color 81.4346, 93.9019,

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

81.4346, 93.9019, 66.6561

Protanopia

88.5349, 93.8858, 85.4070

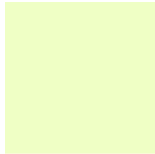
Deuteranopia

90.0730, 93.5224, 96.5234

Tritanopia

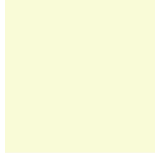
90.0222, 93.6980, 107.9486

Trichromacy



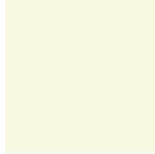
Original Color

81.4346, 93.9019, 66.6561



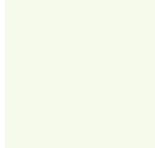
Protanomaly

85.8298, 94.0404, 77.9179



Deuteranomaly

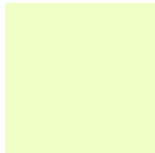
86.5332, 93.3273, 84.6874



Tritanomaly

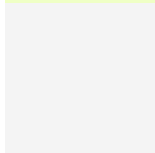
86.6931, 93.7242, 91.3633

Monochromacy



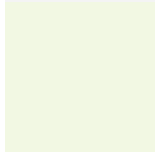
Original Color

81.4346, 93.9019, 66.6561



Achromatopsia

85.9880, 90.4661, 98.5176



Achromatomaly

84.0505, 91.5581, 85.9156

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.4346, 93.9019, 66.6561 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(239, 255, 197)` looks like.

```
.text, #text, p{  
    color:rgb(239, 255, 197)  
}
```

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(239, 255, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 255, 197) }
```

Border

The CSS property to change the border of an element to XYZ 81.4346, 93.9019, 66.6561 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(239, 255, 197) }
```


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

```
.border{ border-color:rgb(239, 255, 197) }
```

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

Here you see how a box with a 4 pixel rgb(239, 255, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 255, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 255, 197);  
box-shadow:4px 4px 4px 4px rgb(239, 255,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 81.4346, 93.9019, 66.6561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 255, 197) }
```

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

```
.background{ background-color: rgb(239,  
255, 197) }
```

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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