

Converting Colors

XYZ(81.4807, 93.7314, 75.4337)

Have a look what the booklet for
XYZ(81.4807, 93.7314, 75.4337)
contains.

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Color

**XYZ(81.4496, 93.7156,
75.4241)**

Conversions

Conversions Part 1

Format	Color
Hex	EAFFD3
RGB	234, 255, 211
RGB Percent	92%, 100%, 83%
CMY	0.0823, 0.0000, 0.1725
CMYK	0.08, 0.00, 0.17, 0.00
HSL	89°, 100%, 91%
HSV	89°, 17%, 100%
XYZ	81.4496, 93.7156, 75.4241
YIQ	243.7050, 1.6080, -18.1360

Conversions

Conversions Part 2

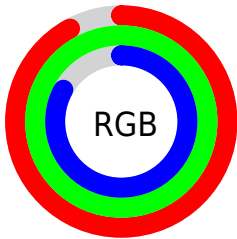
Format	Color
R _Y B	211, 255, 232
Decimal	15400915
CIE Lab	97.52, -14.38, 18.76
CIE LCh	98, 23.635, 127.473
Yxy	93.7156, 0.3250, 0.3740
Android (android.graphics.Color)	4293590995 (0xFFEAFD3)
YUV	243.7050, -16.1236, -8.5113
Hunter-Lab	96.8068, -19.2288, 21.5708

Details

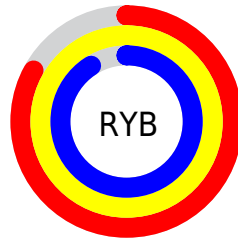
The XYZ color **81.4496, 93.7156, 75.4241** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **74.6238, 70.9655, 104.3724**, and the grayscale version is **85.8766, 90.3488, 98.3899**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.5549, 52.2534, 39.1901** is the 20% darker color. If you saturate the color by 10%, you get **74.6425, 90.5469, 59.7206**, and if you desaturate by 10%, it is **89.0396, 97.2292, 93.8141**.

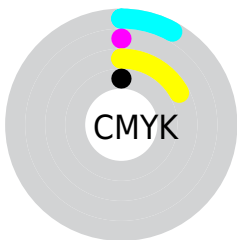
Distribution



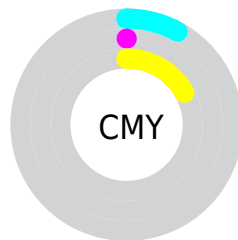
- Red (92%)
- Green (100%)
- Blue (83%)



- Red (83%)
- Yellow (100%)
- Blue (91%)



- Cyan (8%)
- Magenta (0%)
- Yellow (17%)
- Black (0%)



- Cyan (8%)
- Magenta (0%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.4496, 93.7156, 75.4241 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 81.4496, 93.7156, 75.4241 by changing the saturation by 10% instead.

81.4496, 93.7156,
75.4241

81.4496, 93.7156,
75.4241

488.4672,
540.0449, 498.6682

61.2245, 71.0664,
55.4566

134.3417,
152.4890, 128.6651

44.6596, 52.3964,
39.3663

167.7395,
189.3819, 162.7757

31.3895, 37.3211,
26.7348

206.2589,
231.7916, 202.4377

21.0489, 25.4562,
17.1435

250.2652,
280.1025, 248.0697

13.2724, 16.4173,
10.1738

300.1238,
334.6988, 300.0902

7.6947, 9.8199,
5.4072

356.2002,

3.9504, 5.2797,

395.9651, 358.9178

2.4252

418.8595,
464.2856, 424.9710

■ 1.6741, 2.4123,
0.8001

■ 0.4400, 0.8322,
0.0000

■ 81.4496, 93.7156,
75.4241

■ 81.4496, 93.7156,
75.4241

■ 74.6425, 90.5469,
59.7206

■ 89.0396, 97.2292,
93.8141

■ 68.5871, 87.7100,
46.5735

95.0500, 100.0000,
108.9000

■ 63.2527, 85.1919,
35.8482

■ 58.6052, 82.9783,
27.3962

■ 54.6074, 81.0536,
21.0524

■ 51.2175, 79.4004,
16.6296

■ 48.3871, 77.9986,
13.9075

■ 46.0557, 76.8232,
12.6020

■ 45.4797, 76.5307,
12.3749

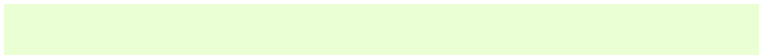
Harmonies

Analogous

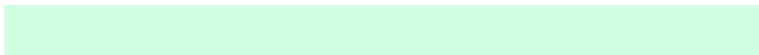
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.4057, 93.7156, 69.6012



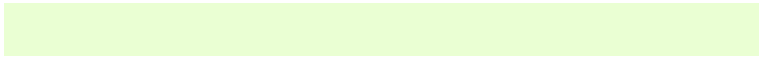
81.4496, 93.7156, 75.4241



77.6752, 93.7156, 88.5228

Triad

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



81.4496, 93.7156, 75.4241



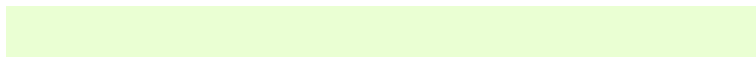
84.2196, 93.7156, 140.1365



102.4946, 93.7156, 97.3078

Complementary

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



81.4496, 93.7156, 75.4241



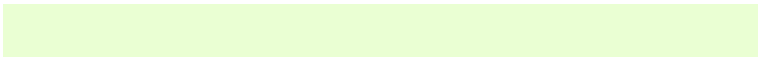
74.6238, 70.9655, 104.3724

Split Complementary

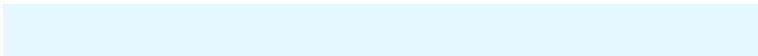
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



101.5365, 93.7156, 116.8684



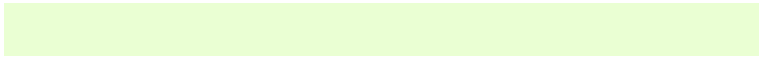
81.4496, 93.7156, 75.4241



90.7631, 93.7156, 143.2564

Square

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



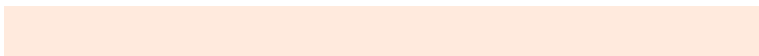
81.4496, 93.7156, 75.4241



79.2175, 93.7156, 126.2228



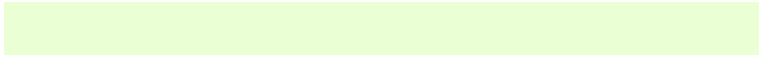
97.1597, 93.7156, 134.2801



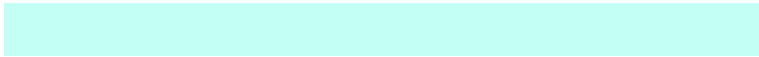
99.7156, 93.7156, 81.1624

Rectangle

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



81.4496, 93.7156, 75.4241



76.7911, 93.7156, 100.4190



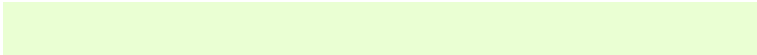
97.1597, 93.7156, 134.2801



102.6012, 93.7156, 103.6791

Sweetspot

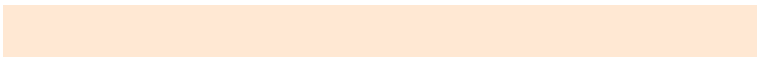
The Sweet Spot groups the original color and five complimentary colors.



81.4502, 93.7159, 75.4255



90.8612, 98.0699, 98.3419



81.7239, 83.4147, 73.4227



19.3255, 20.9345, 20.7438



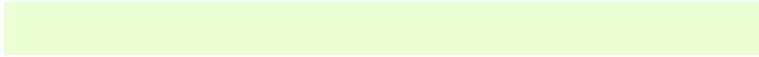
0.0000, 0.0000, 0.0000



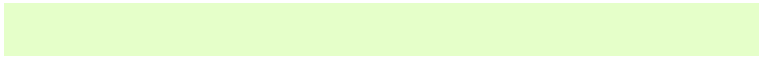
20.3446, 21.4041, 23.3091

Same Dimension

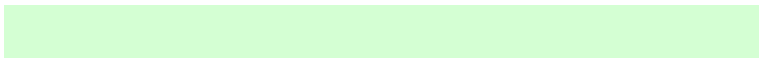
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.4502, 93.7159, 75.4255



78.8100, 92.4891, 69.2347



74.8048, 90.2901, 75.1145



18.6777, 20.6353, 19.1429



23.9378, 40.0785, 6.4743



2.4570, 3.9674, 0.6363

Inverse Universe

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



74.6238, 70.9655, 104.3724



70.7227, 65.5356, 103.5299



82.0473, 74.7925, 104.7198



17.8278, 17.8030, 22.7466



13.7733, 6.0109, 49.8689



1.4662, 0.6498, 4.8614

Previews

White Background



This preview shows how the XYZ color 81.4496, 93.7156, 75.4241 looks on a white background.

Color Contrast Check

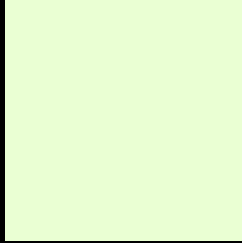
Large Text (above 18pt) WCAG AA × Fail

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 81.4496, 93.7156, 75.4241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

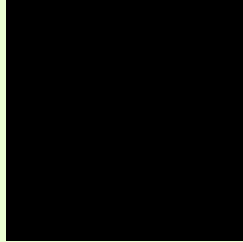
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

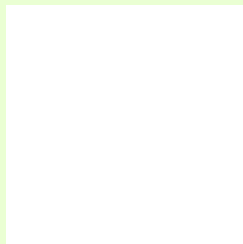
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.4496, 93.7156, 75.4241

Background



This preview shows how black text looks on a background with the XYZ color 81.4496, 93.7156, 75.4241.



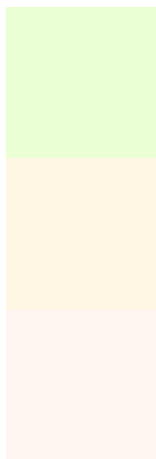
This preview shows how white text looks on a background with the XYZ color 81.4496, 93.7156,

75.4241.

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

81.4496, 93.7156, 75.4241

Protanopia

88.3659, 93.3276, 86.0297

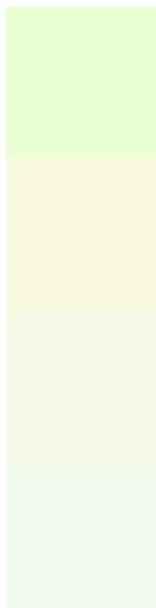
Deuteranopia

90.2228, 93.5823, 97.3123

Tritanopia

89.3168, 93.3344, 107.9156

Trichromacy



Original Color

81.4496, 93.7156, 75.4241

Protanomaly

85.5945, 93.3658, 81.9167

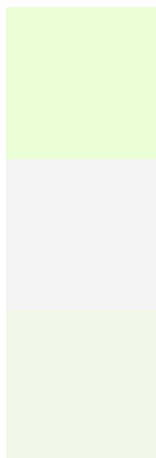
Deuteranomaly

86.6573, 93.2950, 89.0417

Tritanomaly

86.3835, 93.4805, 95.1520

Monochromacy



Original Color

81.4496, 93.7156, 75.4241

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

84.0681, 91.4863, 89.5717

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.4496, 93.7156, 75.4241 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(234, 255, 211)` looks like.

```
.text, #text, p{  
    color:rgb(234, 255, 211)  
}
```

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(234, 255, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 255, 211) }
```

Border

The CSS property to change the border of an element to XYZ 81.4496, 93.7156, 75.4241 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(234, 255, 211) }
```


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

```
.border{ border-color:rgb(234, 255, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 255, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 255, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 255, 211);  
box-shadow:4px 4px 4px 4px rgb(234, 255,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 81.4496, 93.7156, 75.4241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 255, 211) }
```

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

```
.background{ background-color: rgb(234,  
255, 211) }
```

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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