

Converting Colors

XYZ(81.4321, 88.9981, 99.2726)

Have a look what the booklet for
XYZ(81.4321, 88.9981, 99.2726)
contains.

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Color

**XYZ(81.4321, 88.9981,
99.2726)**

Conversions

Conversions Part 1

Format	Color
Hex	E4F6F5
RGB	228, 246, 245
RGB Percent	89%, 96%, 96%
CMY	0.1059, 0.0353, 0.0392
CMYK	0.07, 0.00, 0.00, 0.04
HSL	177°, 50%, 93%
HSV	177°, 7%, 96%
XYZ	81.4321, 88.9981, 99.2726
YIQ	240.5040, -10.4070, -4.1270

Conversions

Conversions Part 2

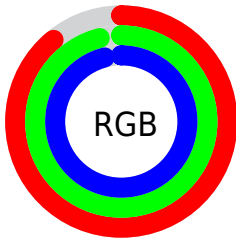
Format	Color
R _Y B	228, 237, 246
Decimal	15005429
CIE Lab	95.58, -6.06, -1.55
CIE LCh	96, 6.257, 194.389
Yxy	88.9981, 0.3019, 0.3300
Android (android.graphics.Color)	4293195509 (0xFFE4F6F5)
YUV	240.5040, 2.2165, -10.9660
Hunter-Lab	94.3388, -11.0139, 3.6464

Details

The XYZ color **81.4321, 88.9981, 99.2726** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.8955, 80.7391, 85.5062**, and the grayscale version is **83.2105, 87.5440, 95.3354**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.8323, 49.3853, 55.3135** is the 20% darker color. If you saturate the color by 10%, you get **73.9685, 85.1770, 97.8360**, and if you desaturate by 10%, it is **90.0128, 93.3998, 100.7733**.

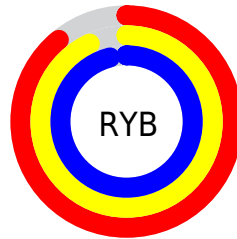
Distribution



Red (89%)

Green (96%)

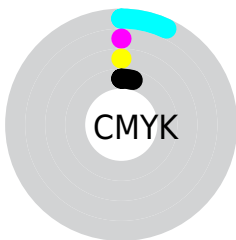
Blue (96%)



Red (89%)

Yellow (93%)

Blue (96%)

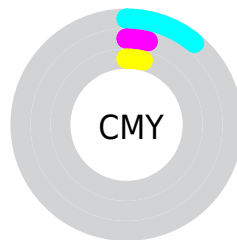


Cyan (7%)

Magenta (0%)

Yellow (0%)

Black (4%)



Cyan (11%)

Magenta (4%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.4321, 88.9981, 99.2726 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 81.4321, 88.9981, 99.2726 by changing the saturation by 10% instead.

81.4321, 88.9981,
99.2726

81.4321, 88.9981,
99.2726

488.4094,
524.7663, 579.0848

61.2100, 67.1500,
75.0797

134.3173,
145.9459, 162.2004

44.6479, 49.2065,
55.1761

167.7112,
181.8144, 201.7723

31.3803, 34.7833,
39.1431

206.2264,
223.1251, 247.3077

21.0418, 23.4960,
26.5624

250.2282,
270.2625, 299.2250

13.2672, 14.9602,
17.0153

300.0821,
323.6109, 357.9428

7.6911, 8.7915,
10.0833

356.1534,

3.9481, 4.6054,

383.5548, 423.8797

5.3479

418.8074,
450.4784, 497.4542

■ 1.6728, 2.0177,
2.3905

■ 0.4391, 0.6177,
0.7813

■ 81.4321, 88.9981,
99.2726

■ 81.4321, 88.9981,
99.2726

■ 73.9685, 85.1770,
97.8360

■ 90.0128, 93.3998,
100.7733

■ 67.5677, 81.9012,
96.4553


■ 91.1012, 93.9364,
101.9297


■ 62.1823, 79.1487,
95.1303


■ 91.3145, 94.0217,
103.0532


■ 57.7583, 76.8916,
93.8582


■ 91.5295, 94.1077,
104.1850


 54.2367, 75.0996,
92.6365


 91.7460, 94.1943,
105.3250

 51.5522, 73.7389,
91.4619


 91.9640, 94.2815,
106.4733

 49.6303, 72.7712,
90.3311

 92.1836, 94.3694,
107.6298

 48.3838, 72.1514,
89.2398

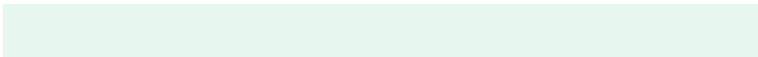
 92.2474, 94.3949,
107.9658

 47.6990, 71.8211,
88.1828

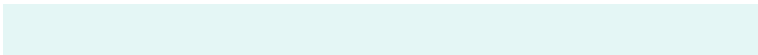
Harmonies

Analogous

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



81.4499, 88.9981, 94.3815



81.4321, 88.9981, 99.2726



82.2525, 88.9981, 103.6699

Triad

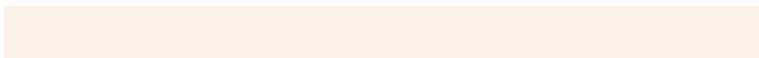
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.4321, 88.9981, 99.2726



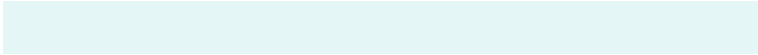
86.9207, 88.9981, 103.8191



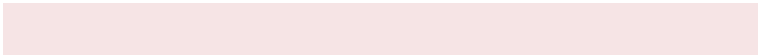
85.4816, 88.9981, 88.0793

Complementary

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



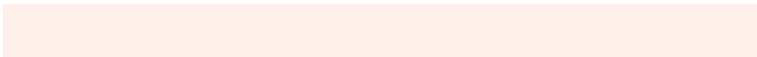
81.4321, 88.9981, 99.2726



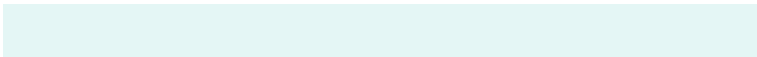
79.8955, 80.7391, 85.5062

Split Complementary

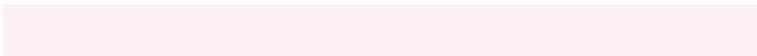
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.9714, 88.9981, 90.4387



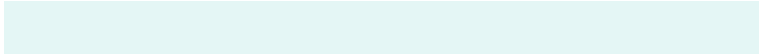
81.4321, 88.9981, 99.2726



87.8099, 88.9981, 99.4707

Square

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



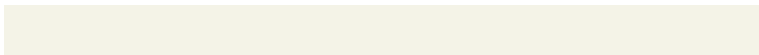
81.4321, 88.9981, 99.2726



85.4131, 88.9981, 106.3544



87.8286, 88.9981, 94.5730



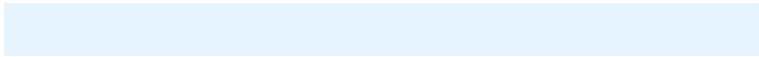
83.7722, 88.9981, 88.0303

Rectangle

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



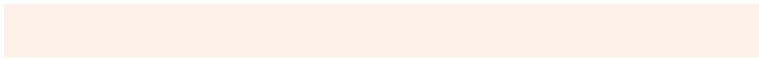
81.4321, 88.9981, 99.2726



83.1709, 88.9981, 105.6829



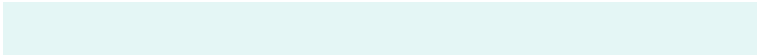
87.8286, 88.9981, 94.5730



86.0252, 88.9981, 88.6248

Sweetspot

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



81.4346, 89.0019, 99.2746



93.1528, 99.0272, 108.5724



79.3389, 88.2077, 86.2443



19.9584, 21.2061, 23.2424



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

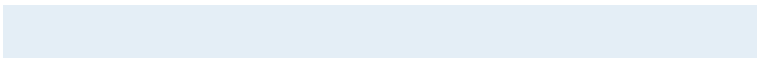
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.4346, 89.0019, 99.2746



86.8996, 95.8220, 107.4467



79.2649, 84.4163, 99.3095



16.9545, 18.7409, 21.0445



25.4043, 38.3066, 47.0104



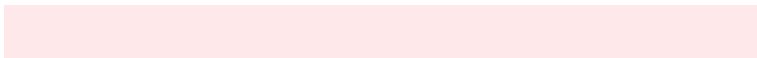
2.2448, 3.3716, 4.1948

Inverse Universe

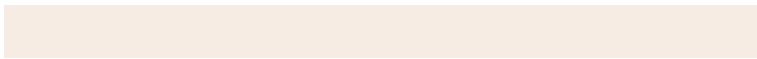
The Inverse Universe completely reimagines the original color for something new.



79.8955, 80.7391, 85.5062



84.8658, 84.9034, 89.2530



81.9507, 85.0732, 85.5016



16.5366, 16.4975, 17.3063



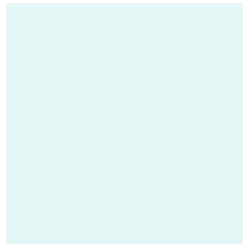
20.3430, 10.4806, 1.2489



1.8009, 0.9263, 0.1778

Previews

White Background



This preview shows how the XYZ color 81.4321, 88.9981, 99.2726 looks on a white background.

Color Contrast Check

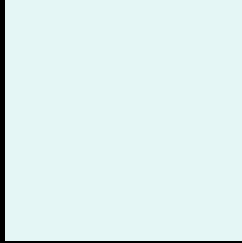
Large Text (above 18pt) WCAG AA × Fail

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 81.4321, 88.9981, 99.2726 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

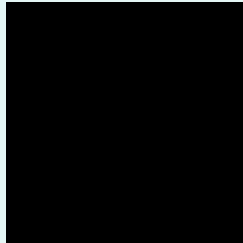
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

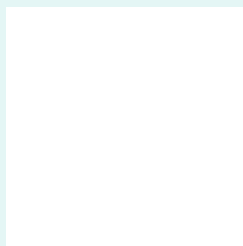
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.4321, 88.9981, 99.2726

Background



This preview shows how black text looks on a background with the XYZ color 81.4321, 88.9981, 99.2726.



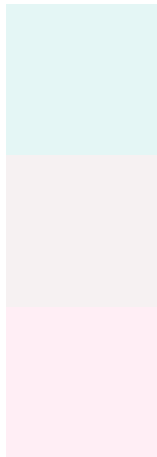
This preview shows how white text looks on a background with the XYZ color 81.4321, 88.9981,

99.2726.

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

81.4321, 88.9981, 99.2726

Protanopia

85.4883, 88.9142, 96.6608

Deuteranopia

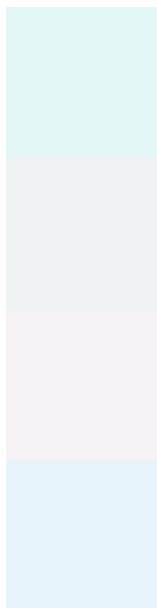
88.2960, 89.0016, 98.9115



Tritanopia

84.3615, 88.9834, 107.3369

Trichromacy



Original Color

81.4321, 88.9981, 99.2726

Protanomaly

83.8249, 88.9230, 97.5398

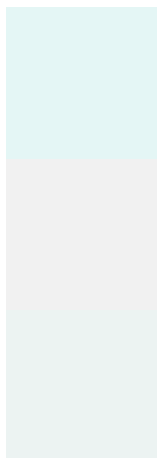
Deuteranomaly

85.5929, 88.9156, 99.0374

Tritanomaly

83.0420, 88.8222, 104.0344

Monochromacy



Original Color

81.4321, 88.9981, 99.2726

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

82.6697, 88.3449, 96.6995

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.4321, 88.9981, 99.2726 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(228, 246, 245)` looks like.

```
.text, #text, p{  
    color:rgb(228, 246, 245)  
}
```

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(228, 246, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 246, 245) }
```

Border

The CSS property to change the border of an element to XYZ 81.4321, 88.9981, 99.2726 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(228, 246, 245) }
```


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

```
.border{ border-color:rgb(228, 246, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 246, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 246, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 246, 245);  
box-shadow:4px 4px 4px 4px rgb(228, 246,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 81.4321, 88.9981, 99.2726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 246, 245) }
```

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

```
.background{ background-color: rgb(228,  
246, 245) }
```

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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