

Converting Colors

XYZ(80.4810, 88.8423, 84.1446)

Have a look what the booklet for XYZ(80.4810, 88.8423, 84.1446) contains.

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Color

**XYZ(80.4781, 88.8402,
84.1404)**

Conversions

Conversions Part 1

Format	Color
Hex	EAF6E1
RGB	234, 246, 225
RGB Percent	92%, 96%, 88%
CMY	0.0823, 0.0353, 0.1176
CMYK	0.05, 0.00, 0.09, 0.04
HSL	94°, 54%, 92%
HSV	94°, 9%, 96%
XYZ	80.4781, 88.8402, 84.1404
YIQ	240.0180, -0.4110, -9.0750

Conversions

Conversions Part 2

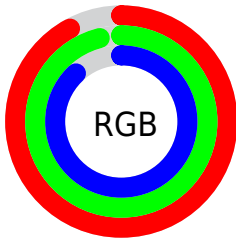
Format	Color
R_{YB}	225, 246, 237
Decimal	15398625
CIE _{Lab}	95.51, -7.64, 8.73
CIE _{LCh}	96, 11.602, 131.174
Yxy	88.8402, 0.3175, 0.3505
Android (android.graphics.Color)	4293588705 (0xFFEAF6E1)
YUV	240.0180, -7.4039, -5.2778
Hunter-Lab	94.2551, -12.5372, 13.0511

Details

The XYZ color **80.4781, 88.8402, 84.1404** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **78.4882, 78.5112, 98.2108**, and the grayscale version is **82.8970, 87.2141, 94.9762**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.0293, 49.1942, 45.2050** is the 20% darker color. If you saturate the color by 10%, you get **72.9274, 85.3105, 67.5127**, and if you desaturate by 10%, it is **88.8837, 92.7599, 103.3358**.

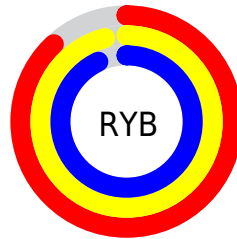
Distribution



Red (92%)

Green (96%)

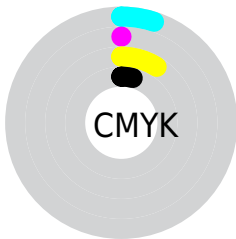
Blue (88%)



Red (88%)

Yellow (96%)

Blue (93%)

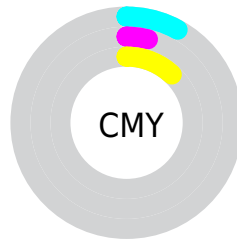


Cyan (5%)

Magenta (0%)

Yellow (9%)

Black (4%)



Cyan (8%)

Magenta (4%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.4781, 88.8402, 84.1404 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 80.4781, 88.8402, 84.1404 by changing the saturation by 10% instead.

80.4781, 88.8402,
84.1404

80.4781, 88.8402,
84.1404

485.2546,
524.2508, 528.8496

60.4217, 67.0191,
62.5853

132.9847,
145.7263, 141.0350

44.0094, 49.1002,
45.0670

166.1656,
181.5602, 177.2117

30.8758, 34.6989,
31.1668

204.4520,
222.8337, 219.0992

20.6557, 23.4311,
20.4664

248.2093,
269.9313, 267.1162

12.9836, 14.9121,
12.5471

297.8029,
323.2375, 321.6812

7.4942, 8.7577,
6.9904

353.5981,

3.8221, 4.5835,

383.1365, 383.2127

3.3777

415.9602,
450.0128, 452.1293

■ 1.6020, 2.0050,
1.2906

■ 0.3937, 0.6104,
0.0541

■ 80.4781, 88.8402,
84.1404

■ 80.4781, 88.8402,
84.1404

■ 72.9274, 85.3105,
67.5127

■ 88.8837, 92.7599,
103.3358

■ 66.1951, 82.1466,
53.3380

■ 92.2475, 94.3950,
107.9658

■ 60.2529, 79.3391,
41.5018

■ 55.0678, 76.8738,
31.8779

■ 50.6042, 74.7352,
24.3283

■ 46.8232, 72.9066,
18.6997

■ 43.6812, 71.3696,
14.8173

■ 41.1281, 70.1026,
12.4745

■ 39.0964, 69.0775,
11.3760

Harmonies

Analogous

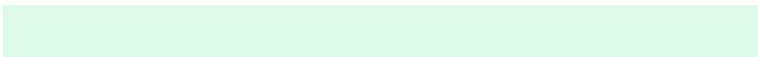
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.2605, 88.8402, 80.5493



80.4781, 88.8402, 84.1404



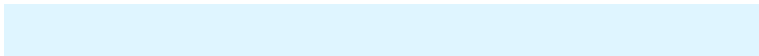
78.7838, 88.8402, 91.1903

Triad

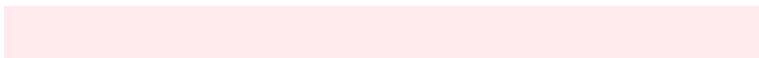
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.4781, 88.8402, 84.1404



82.4822, 88.8402, 114.2712



90.5817, 88.8402, 93.3779

Complementary

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



80.4781, 88.8402, 84.1404



78.4882, 78.5112, 98.2108

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.



90.3606, 88.8402, 102.4935



80.4781, 88.8402, 84.1404



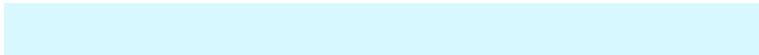
85.6304, 88.8402, 114.9485

Square

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



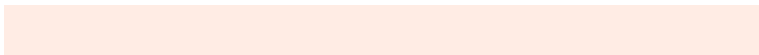
80.4781, 88.8402, 84.1404



79.9206, 88.8402, 108.7246



88.5297, 88.8402, 110.5208



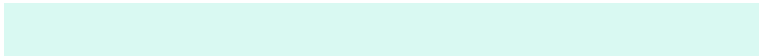
89.1265, 88.8402, 85.6552

Rectangle

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



80.4781, 88.8402, 84.1404



78.4731, 88.8402, 97.0911



88.5297, 88.8402, 110.5208



90.7019, 88.8402, 96.3735

Sweetspot

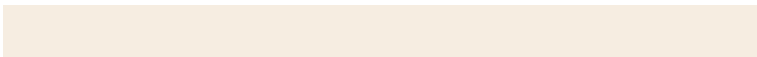
The Sweet Spot groups the original color and five complimentary colors.



80.4805, 88.8440, 84.1423



92.2523, 98.6972, 102.4674



81.8553, 85.5430, 83.4327



19.5888, 21.0521, 21.5736



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.



80.4805, 88.8440, 84.1423



86.0528, 95.8051, 88.4521



77.7922, 87.4360, 85.0179



16.9555, 18.8191, 17.5364



20.8786, 36.8761, 6.0174



1.9502, 3.3004, 0.5343

Inverse Universe

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



78.4882, 78.5112, 98.2108



83.5417, 82.7820, 106.1832



81.3550, 80.0138, 97.2271



16.4879, 16.3942, 20.8380



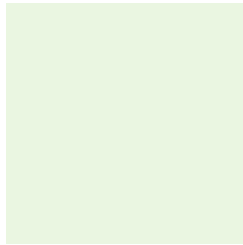
14.8691, 6.6396, 47.0359



1.4243, 0.6441, 4.1395

Previews

White Background



This preview shows how the XYZ color 80.4781, 88.8402, 84.1404 looks on a white background.

Color Contrast Check

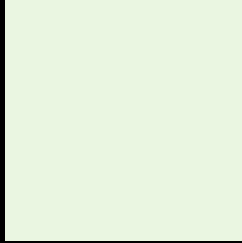
Large Text (above 18pt) WCAG AA × Fail

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 80.4781, 88.8402, 84.1404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

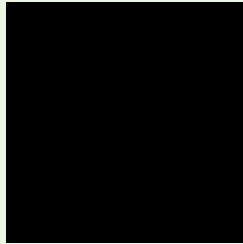
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

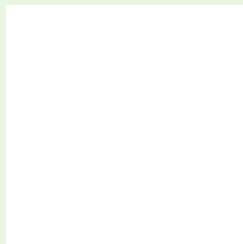
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 80.4781, 88.8402, 84.1404

Background



This preview shows how black text looks on a background with the XYZ color 80.4781, 88.8402, 84.1404.



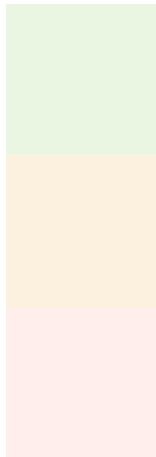
This preview shows how white text looks on a background with the XYZ color 80.4781, 88.8402,

84.1404.

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

80.4781, 88.8402, 84.1404

Protanopia

84.4238, 88.6937, 81.7772

Deuteranopia

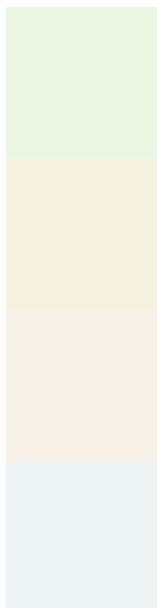
86.9549, 88.4652, 91.8494



Tritanopia

85.4405, 88.6559, 107.2168

Trichromacy



Original Color

80.4781, 88.8402, 84.1404

Protanomaly

83.0261, 88.8414, 82.5842

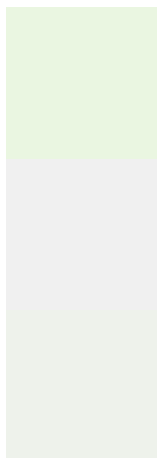
Deuteranomaly

84.3786, 88.5109, 88.9810

Tritanomaly

83.6396, 88.8100, 98.3217

Monochromacy



Original Color

80.4781, 88.8402, 84.1404

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

82.0074, 87.6796, 91.1989

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.4781, 88.8402, 84.1404 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, 246, 225) looks like.

```
.text, #text, p{  
    color:rgb(234, 246, 225)  
}
```

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, 246, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 246, 225) }
```

Border

The CSS property to change the border of an element to XYZ 80.4781, 88.8402, 84.1404 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, 246, 225) }
```


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

```
.border{ border-color:rgb(234, 246, 225) }
```

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

Here you see how a box with a 4 pixel rgb(234, 246, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 246, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 246, 225);  
box-shadow:4px 4px 4px 4px rgb(234, 246,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 80.4781, 88.8402, 84.1404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 246, 225) }
```

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

```
.background{ background-color: rgb(234,  
246, 225) }
```

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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