

Converting Colors

XYZ(80.8372, 87.8109, 88.0818)

Have a look what the booklet for
XYZ(80.8372, 87.8109, 88.0818)
contains.

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Color

**XYZ(81.0354, 88.1331,
88.3417)**

Conversions

Conversions Part 1

Format	Color
Hex	EBF4E7
RGB	235, 244, 231
RGB Percent	92%, 96%, 91%
CMY	0.0784, 0.0431, 0.0941
CMYK	0.04, 0.00, 0.05, 0.04
HSL	102°, 37%, 93%
HSV	102°, 5%, 96%
XYZ	81.0354, 88.1331, 88.3417
YIQ	239.8270, -1.1910, -5.9510

Conversions

Conversions Part 2

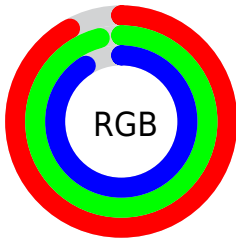
Format	Color
R _Y B	231, 244, 240
Decimal	15463655
CIE Lab	95.22, -5.27, 5.22
CIE LCh	95, 7.415, 135.294
Yxy	88.1331, 0.3147, 0.3423
Android (android.graphics.Color)	4293653735 (0xFFEBF4E7)
YUV	239.8270, -4.3517, -4.2333
Hunter-Lab	93.8792, -10.2096, 9.9227

Details

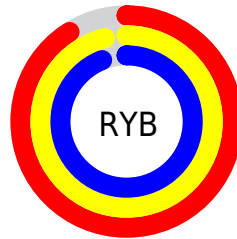
The XYZ color **81.0354, 88.1331, 88.3417** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.8438, 82.2113, 97.2000**, and the grayscale version is **82.7249, 87.0330, 94.7790**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.3115, 48.6453, 47.6115** is the 20% darker color. If you saturate the color by 10%, you get **72.5111, 84.1120, 71.1897**, and if you desaturate by 10%, it is **90.5102, 92.6012, 107.7112**.

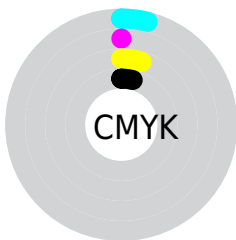
Distribution



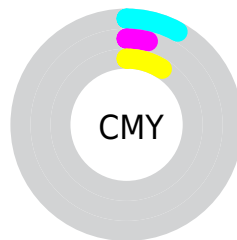
- Red (92%)
- Green (96%)
- Blue (91%)



- Red (91%)
- Yellow (96%)
- Blue (94%)



- Cyan (4%)
- Magenta (0%)
- Yellow (5%)
- Black (4%)



- Cyan (8%)
- Magenta (4%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.0354, 88.1331, 88.3417 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 81.0354, 88.1331, 88.3417 by changing the saturation by 10% instead.

81.0354, 88.1331,
88.3417

81.0354, 88.1331,
88.3417

487.0989,
521.9390, 543.0519

60.8821, 66.4333,
66.0401

133.7634,
144.7424, 146.9481

44.3822, 48.6242,
47.8483

167.0688,
180.4208, 184.0900

31.1703, 34.3215,
33.3476

205.4890,
221.5274, 227.0158

20.8810, 23.1407,
22.1196

249.3893,
268.4468, 276.1441

13.1490, 14.6974,
13.7456

299.1351,
321.5632, 331.8932

7.6090, 8.6073,
7.8072

355.0917,

3.8955, 4.4859,

381.2611, 394.6819

3.8859

417.6246,
447.9249, 464.9286

■ 1.6432, 1.9489,
1.5629

■ 0.4203, 0.5775,
0.2642

■ 81.0354, 88.1331,
88.3417

■ 81.0354, 88.1331,
88.3417

■ 72.5111, 84.1120,
71.1897

■ 90.5102, 92.6012,
107.7112

■ 64.9603, 80.5371,
56.4862

■ 91.6424, 93.1849,
107.7641

■ 58.3489, 77.3956,
44.1211

■ 52.6382, 74.6703,
33.9738

■ 47.7863, 72.3425,
25.9126

■ 43.7479, 70.3919,
19.7921

■ 40.4729, 68.7963,
15.4483

■ 37.9047, 67.5308,
12.6898

■ 35.9767, 66.5660,
11.2811

Harmonies

Analogous

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



82.7467, 88.1331, 85.6192



81.0354, 88.1331, 88.3417



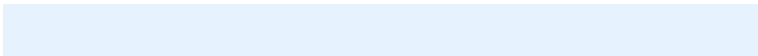
80.0640, 88.1331, 93.1636

Triad

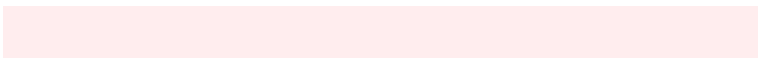
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.0354, 88.1331, 88.3417



82.7850, 88.1331, 107.1376



87.5736, 88.1331, 93.0553

Complementary

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



81.0354, 88.1331, 88.3417



80.8438, 82.2113, 97.2000

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.



87.5842, 88.1331, 98.8158



81.0354, 88.1331, 88.3417



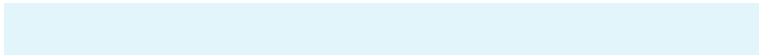
84.7974, 88.1331, 107.1058

Square

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



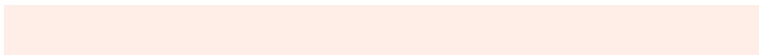
81.0354, 88.1331, 88.3417



81.0630, 88.1331, 104.0937



86.5611, 88.1331, 104.0083



86.5322, 88.1331, 88.2652

Rectangle

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



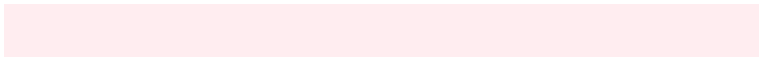
81.0354, 88.1331, 88.3417



79.9566, 88.1331, 96.9929



86.5611, 88.1331, 104.0083



87.6984, 88.1331, 94.9384

Sweetspot

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



81.0379, 88.1369, 88.3436



92.9523, 99.0122, 104.5724



82.8614, 87.2580, 88.0779



19.9176, 21.2031, 22.4281



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

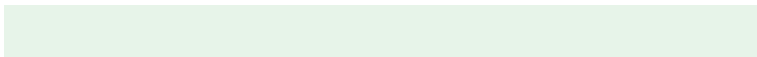
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.0379, 88.1369, 88.3436



88.8927, 97.0992, 96.2615



80.0712, 87.5994, 90.0683



17.3012, 18.9737, 18.6199



19.2922, 36.0583, 5.9431



1.7962, 3.2210, 0.5271

Inverse Universe

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



80.8438, 82.2113, 97.2000



88.6518, 89.7421, 107.2573



81.8569, 82.7751, 95.3697



17.2492, 17.3881, 20.9897



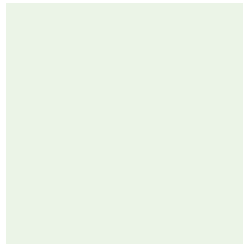
17.9169, 8.2108, 47.1785



1.6794, 0.7756, 4.1514

Previews

White Background



This preview shows how the XYZ color 81.0354, 88.1331, 88.3417 looks on a white background.

Color Contrast Check

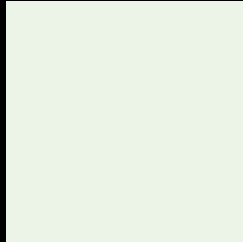
Large Text (above 18pt) WCAG AA × Fail

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 81.0354, 88.1331, 88.3417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

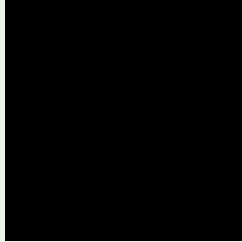
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

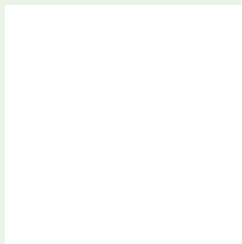
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.0354, 88.1331, 88.3417

Background



This preview shows how black text looks on a background with the XYZ color 81.0354, 88.1331, 88.3417.



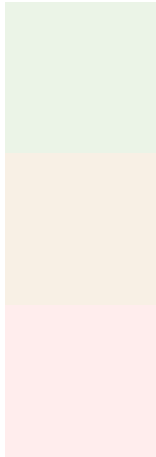
This preview shows how white text looks on a background with the XYZ color 81.0354, 88.1331,

88.3417.

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

81.0354, 88.1331, 88.3417

Protanopia

84.0143, 87.9338, 86.6736

Deuteranopia

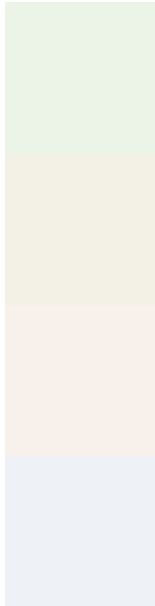
86.8102, 87.9428, 92.5200



Tritanopia

85.1453, 88.0654, 107.1184

Trichromacy



Original Color

81.0354, 88.1331, 88.3417

Protanomaly

82.7004, 87.6785, 87.4278

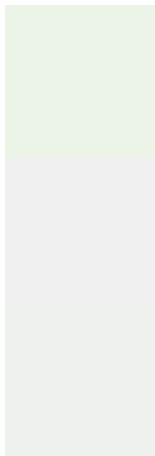
Deuteranomaly

84.8669, 88.2748, 91.1630

Tritanomaly

83.3497, 87.7416, 99.7316

Monochromacy



Original Color

81.0354, 88.1331, 88.3417

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

82.0013, 87.2022, 92.6305

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.0354, 88.1331, 88.3417 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(235, 244, 231) looks like.

```
.text, #text, p{  
    color:rgb(235, 244, 231)  
}
```

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(235, 244, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 244, 231) }
```

Border

The CSS property to change the border of an element to XYZ 81.0354, 88.1331, 88.3417 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(235, 244, 231) }
```


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

```
.border{ border-color:rgb(235, 244, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 244, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 244, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 244, 231);  
box-shadow:4px 4px 4px 4px rgb(235, 244,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 81.0354, 88.1331, 88.3417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 244, 231) }
```

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

```
.background{ background-color: rgb(235,  
244, 231) }
```

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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