

Converting Colors

XYZ(81.2365, 86.0781, 88.0740)

Have a look what the booklet for
XYZ(81.2365, 86.0781, 88.0740)
contains.

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Color

**XYZ(81.2255, 86.0278,
87.9253)**

Conversions

Conversions Part 1

Format	Color
Hex	F0EFE7
RGB	240, 239, 231
RGB Percent	94%, 94%, 91%
CMY	0.0588, 0.0627, 0.0941
CMYK	0.00, 0.00, 0.04, 0.06
HSL	53°, 23%, 92%
HSV	53°, 4%, 94%
XYZ	81.2255, 86.0278, 87.9253
YIQ	238.3870, 3.1640, -2.2760

Conversions

Conversions Part 2

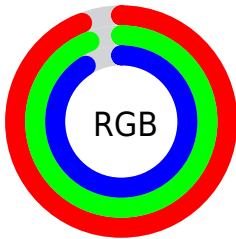
Format	Color
R _Y B	232, 240, 231
Decimal	15790055
CIE Lab	94.32, -1.05, 3.97
CIE LCh	94, 4.108, 104.836
Yxy	86.0278, 0.3183, 0.3371
Android (android.graphics.Color)	4293980135 (0xFFFF0EFE7)
YUV	238.3870, -3.6418, 1.4146
Hunter-Lab	92.7512, -5.9958, 8.7207

Details

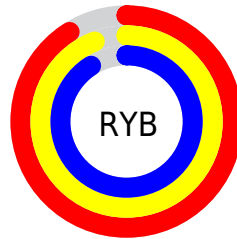
The XYZ color **81.2255, 86.0278, 87.9253** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **77.5398, 80.9923, 93.9855**, and the grayscale version is **81.5956, 85.8449, 93.4851**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.4385, 47.1525, 47.3166** is the 20% darker color. If you saturate the color by 10%, you get **77.2949, 83.2236, 71.0224**, and if you desaturate by 10%, it is **85.6369, 89.0481, 107.2822**.

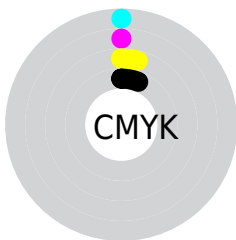
Distribution



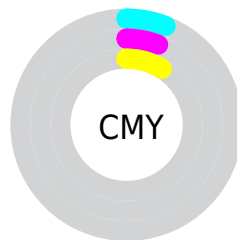
- Red (94%)
- Green (94%)
- Blue (91%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (4%)
- Black (6%)



- Cyan (6%)
- Magenta (6%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.2255, 86.0278, 87.9253 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 81.2255, 86.0278, 87.9253 by changing the saturation by 10% instead.

81.2255, 86.0278,
87.9253

81.2255, 86.0278,
87.9253

487.7272,
515.0229, 541.6535

61.0393, 64.6910,
65.6972

134.0289,
141.8083, 146.3634

44.5095, 47.2105,
47.5717

167.3767,
177.0207, 183.4105

31.2709, 33.2021,
33.1303

205.8424,
217.6271, 226.2343

20.9581, 22.2813,
21.9543

249.7914,
264.0119, 275.2534

13.2056, 14.0638,
13.6253

299.5890,
316.5595, 330.8863

7.6483, 8.1650,
7.7248

355.6006,

3.9206, 4.2007,

375.6543, 393.5517

3.8341

418.1916,
441.6806, 463.6679

■ 1.6573, 1.7865,
1.5348

■ 0.4293, 0.4787,
0.2436

■ 81.2255, 86.0278,
87.9253

■ 81.2255, 86.0278,
87.9253

■ 77.2949, 83.2236,
71.0224

■ 85.6369, 89.0481,
107.2822

■ 73.8193, 80.6169,
56.4705

■ 86.4315, 90.6372,
107.5470

■ 70.7810, 78.2033,
44.1657

■ 87.2376, 92.2493,
107.8157

■ 68.1585, 75.9739,
33.9942

■ 88.0552, 93.8846,
108.0883

■ 65.9280, 73.9194,
25.8323

■ 88.8844, 95.5431,
108.3647

■ 64.0638, 72.0292,
19.5435

■ 89.7253, 97.2249,
108.6450

■ 62.5365, 70.2916,
14.9744

■ 89.7457, 97.2655,
108.6518

■ 61.3124, 68.6931,
11.9471

■ 60.3503, 67.2169,
10.2453

Harmonies

Analogous

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



82.3224, 86.0278, 87.9339



81.2255, 86.0278, 87.9253



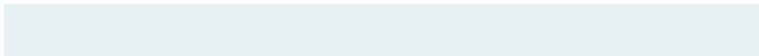
80.2820, 86.0278, 89.4320

Triad

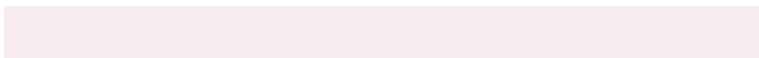
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.2255, 86.0278, 87.9253



80.2735, 86.0278, 98.0137



83.8290, 86.0278, 95.2660

Complementary

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



81.2255, 86.0278, 87.9253



77.5398, 80.9923, 93.9855

Split Complementary

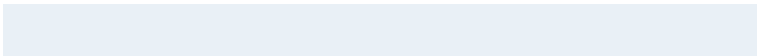
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.2699, 86.0278, 98.0390



81.2255, 86.0278, 87.9253



81.2138, 86.0278, 99.6495

Square

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



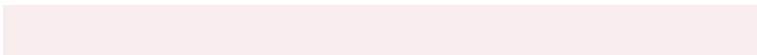
81.2255, 86.0278, 87.9253



79.7357, 86.0278, 95.2321



82.3106, 86.0278, 99.6589



83.8322, 86.0278, 92.1244

Rectangle

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



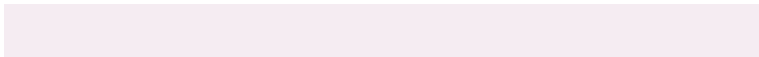
81.2255, 86.0278, 87.9253



79.8640, 86.0278, 91.1130



82.3106, 86.0278, 99.6589



83.6996, 86.0278, 96.2737

Sweetspot

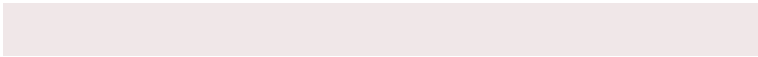
The Sweet Spot groups the original color and five complimentary colors.



81.2279, 86.0315, 87.9272



94.5522, 99.6570, 106.7221



79.0849, 81.5074, 87.9467



20.2433, 21.3343, 22.8659



0.0000, 0.0000, 0.0000



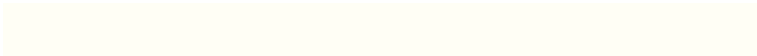
20.3446, 21.4041, 23.3091

Same Dimension

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



81.2279, 86.0315, 87.9272



93.0920, 98.6425, 100.3596



80.3600, 86.0180, 87.9703



17.3732, 18.4322, 18.5192



32.8200, 36.4380, 5.3034



2.7725, 3.1158, 0.4553

Inverse Universe

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



77.5398, 80.9923, 93.9855



88.5704, 92.4645, 107.7870



78.3849, 81.0131, 93.9449



16.3782, 17.0727, 20.1537



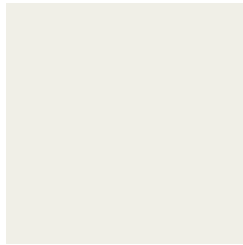
8.8655, 3.9553, 45.4241



0.7836, 0.4212, 3.7942

Previews

White Background



This preview shows how the XYZ color 81.2255, 86.0278, 87.9253 looks on a white background.

Color Contrast Check

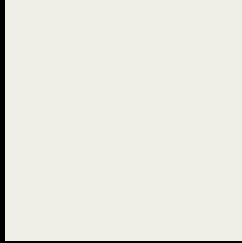
Large Text (above 18pt) WCAG AA × Fail

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 81.2255, 86.0278, 87.9253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

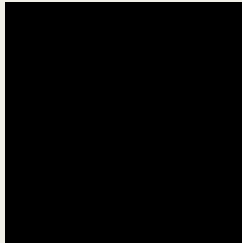
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

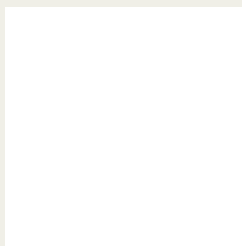
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.2255, 86.0278, 87.9253

Background



This preview shows how black text looks on a background with the XYZ color 81.2255, 86.0278, 87.9253.



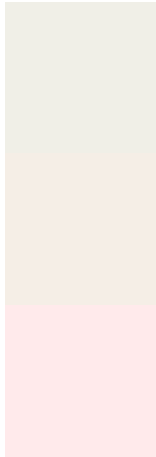
This preview shows how white text looks on a background with the XYZ color 81.2255, 86.0278,

87.9253.

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

81.2255, 86.0278, 87.9253

Protanopia

82.5137, 86.2747, 87.1667

Deuteranopia

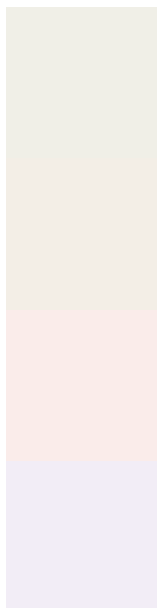
85.6582, 86.1038, 90.7023



Tritanopia

84.8470, 86.2013, 105.9325

Trichromacy



Original Color

81.2255, 86.0278, 87.9253

Protanomaly

81.8196, 85.9169, 87.1342

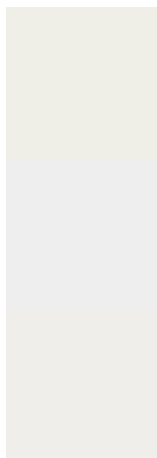
Deuteranomaly

84.2711, 86.2554, 90.0493

Tritanomaly

83.5367, 86.0994, 99.4048

Monochromacy



Original Color

81.2255, 86.0278, 87.9253

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

81.1665, 85.4980, 90.8221

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.2255, 86.0278, 87.9253 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(240, 239, 231) looks like.

```
.text, #text, p{  
    color:rgb(240, 239, 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(240, 239, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 239, 231) }
```

Border

The CSS property to change the border of an element to XYZ 81.2255, 86.0278, 87.9253 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(240, 239, 231) }
```


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

```
.border{ border-color:rgb(240, 239, 231) }
```

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

Here you see how a box with a 4 pixel rgb(240, 239, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 239, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 239, 231);  
box-shadow:4px 4px 4px 4px rgb(240, 239,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 81.2255, 86.0278, 87.9253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 239, 231) }
```

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

```
.background{ background-color: rgb(240,  
239, 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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