

Converting Colors

XYZ(79.1540, 86.9578, 88.5339)

Have a look what the booklet for
XYZ(79.1540, 86.9578, 88.5339)
contains.

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Color

**XYZ(79.0876, 87.1289,
88.2505)**

Conversions

Conversions Part 1

Format	Color
Hex	E5F4E7
RGB	229, 244, 231
RGB Percent	90%, 96%, 91%
CMY	0.1020, 0.0431, 0.0941
CMYK	0.06, 0.00, 0.05, 0.04
HSL	128°, 41%, 93%
HSV	128°, 6%, 96%
XYZ	79.0876, 87.1289, 88.2505
YIQ	238.0330, -4.7670, -7.2230

Conversions

Conversions Part 2

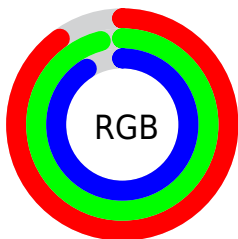
Format	Color
R _Y B	229, 242, 244
Decimal	15070439
CIE Lab	94.79, -7.27, 4.55
CIE LCh	95, 8.578, 147.970
Yxy	87.1289, 0.3108, 0.3424
Android (android.graphics.Color)	4293260519 (0xFFE5F4E7)
YUV	238.0330, -3.4673, -7.9219
Hunter-Lab	93.3429, -12.1104, 9.2846

Details

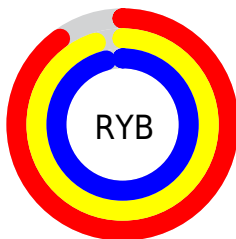
The XYZ color **79.0876, 87.1289, 88.2505** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **81.3577, 81.6847, 95.4874**, and the grayscale version is **81.3243, 85.5595, 93.1743**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.1766, 48.0603, 47.5583** is the 20% darker color. If you saturate the color by 10%, you get **69.0340, 82.2731, 73.1193**, and if you desaturate by 10%, it is **90.6014, 92.7007, 105.3376**.

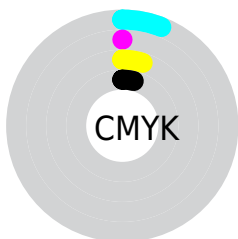
Distribution



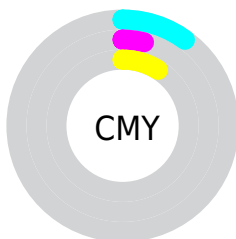
- Red (90%)
- Green (96%)
- Blue (91%)



- Red (90%)
- Yellow (95%)
- Blue (96%)



- Cyan (6%)
- Magenta (0%)
- Yellow (5%)
- Black (4%)



- Cyan (10%)
- Magenta (4%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.0876, 87.1289, 88.2505 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 79.0876, 87.1289, 88.2505 by changing the saturation by 10% instead.

79.0876, 87.1289,
88.2505

79.0876, 87.1289,
88.2505

480.6361,
518.6463, 542.7458

59.2737, 65.6019,
65.9650

131.0395,
143.3438, 146.8201

43.0807, 47.9493,
47.7877

163.9081,
178.8005, 183.9412

30.1432, 33.7867,
33.3000

201.8591,
219.6691, 226.8447

20.0960, 22.7298,
22.0834

245.2578,
266.3342, 275.9491

12.5735, 14.3941,
13.7193

294.4694,
319.1800, 331.6728

7.2105, 8.3953,
7.7892

349.8595,

3.6416, 4.3489,

378.5911, 394.4345

3.8745

411.7933,
444.9517, 464.6526

■ 1.5014, 1.8706,
1.5568

■ 0.3268, 0.5306,
0.2597

■ 79.0876, 87.1289,
88.2505

■ 79.0876, 87.1289,
88.2505

■ 69.0340, 82.2731,
73.1193

■ 90.6014, 92.7007,
105.3376

■ 60.3749, 78.0935,
59.8686

■ 91.6424, 93.1847,
107.7641

■ 53.0508, 74.5634,
48.4266

■ 46.9947, 71.6501,
38.7149

■ 42.1341, 69.3179,
30.6492

■ 38.3888, 67.5273,
24.1382

■ 35.6689, 66.2342,
19.0816

■ 33.8699, 65.3872,
15.3674

■ 32.8645, 64.9232,
12.8672

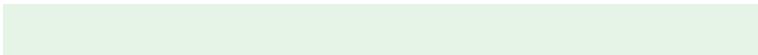
Harmonies

Analogous

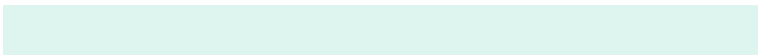
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.7381, 87.1289, 84.0229



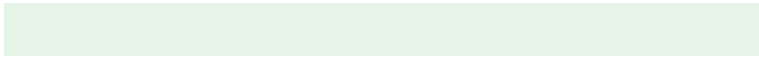
79.0876, 87.1289, 88.2505



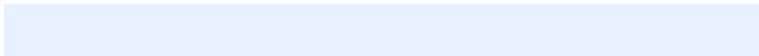
78.4333, 87.1289, 94.4165

Triad

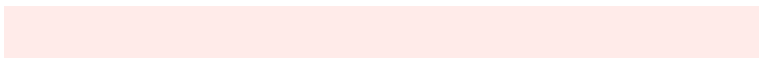
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.0876, 87.1289, 88.2505



82.6554, 87.1289, 108.2224



86.8175, 87.1289, 89.0000

Complementary

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



79.0876, 87.1289, 88.2505



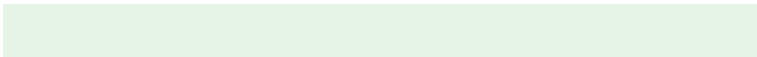
81.3577, 81.6847, 95.4874

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.



87.3536, 87.1289, 95.3221



79.0876, 87.1289, 88.2505



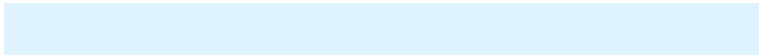
84.9240, 87.1289, 106.6095

Square

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



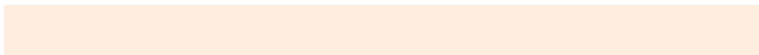
79.0876, 87.1289, 88.2505



80.4691, 87.1289, 106.1208



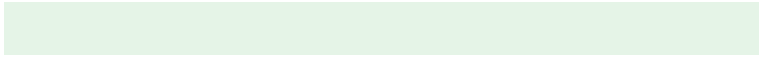
86.6544, 87.1289, 101.8095



85.2028, 87.1289, 84.4412

Rectangle

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



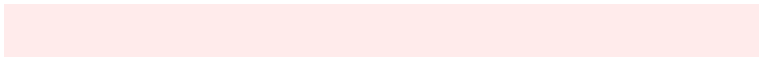
79.0876, 87.1289, 88.2505



78.6407, 87.1289, 98.8663



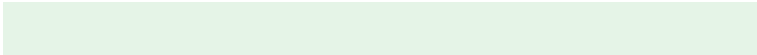
86.6544, 87.1289, 101.8095



87.1311, 87.1289, 90.9801

Sweetspot

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



79.0900, 87.1326, 88.2524



92.4949, 98.7641, 105.1083



83.2010, 89.2844, 86.9784



19.8245, 21.1525, 22.5373



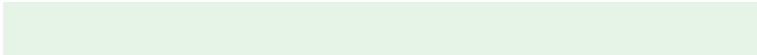
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

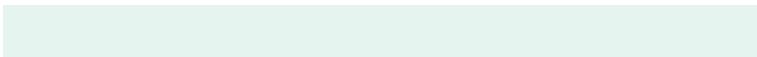
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.0900, 87.1326, 88.2524



86.3935, 95.8137, 96.0126



80.1360, 87.5510, 93.7602



16.8008, 18.7152, 18.6206



17.7640, 35.2504, 6.7771



1.5889, 3.1092, 0.7409

Inverse Universe

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



81.3577, 81.6847, 95.4874



89.2368, 88.9830, 105.0839



80.2897, 81.2575, 89.8629



17.4013, 17.2726, 20.5364



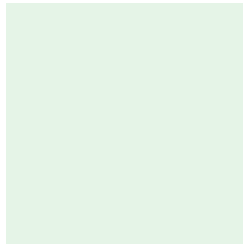
26.7487, 13.0429, 34.9809



2.3768, 1.1567, 3.2105

Previews

White Background



This preview shows how the XYZ color 79.0876, 87.1289, 88.2505 looks on a white background.

Color Contrast Check

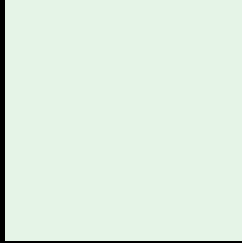
Large Text (above 18pt) WCAG AA × Fail

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 79.0876, 87.1289, 88.2505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

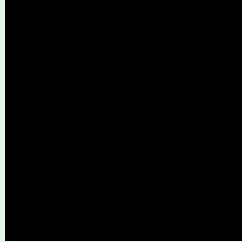
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

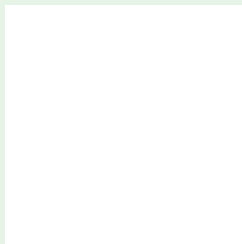
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.0876, 87.1289, 88.2505

Background



This preview shows how black text looks on a background with the XYZ color 79.0876, 87.1289, 88.2505.



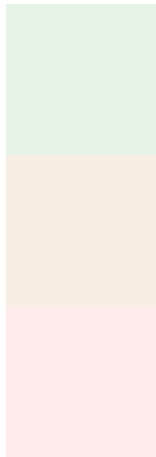
This preview shows how white text looks on a background with the XYZ color 79.0876, 87.1289,

88.2505.

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

79.0876, 87.1289, 88.2505

Protanopia

83.2279, 87.1086, 85.8258

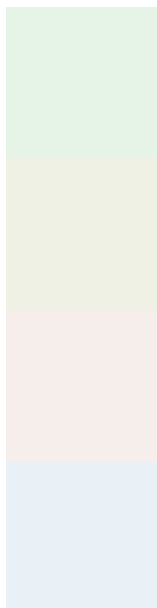
Deuteranopia

86.0887, 86.7328, 91.5606

Tritanopia

83.4710, 87.2023, 107.0401

Trichromacy



Original Color

79.0876, 87.1289, 88.2505

Protanomaly

81.5333, 87.0930, 86.6421

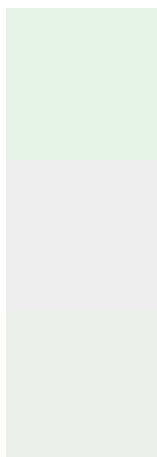
Deuteranomaly

83.4319, 86.6824, 90.1760

Tritanomaly

81.6941, 86.8881, 99.6541

Monochromacy



Original Color

79.0876, 87.1289, 88.2505

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

80.4164, 85.9805, 90.9548

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.0876, 87.1289, 88.2505 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(229, 244, 231) looks like.

```
.text, #text, p{  
    color:rgb(229, 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(229, 244, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 244, 231) }
```

Border

The CSS property to change the border of an element to XYZ 79.0876, 87.1289, 88.2505 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(229, 244, 231) }
```


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

```
.border{ border-color:rgb(229, 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(229, 244, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 244, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 244, 231);  
box-shadow:4px 4px 4px 4px rgb(229, 244,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 79.0876, 87.1289, 88.2505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 244, 231) }
```

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

```
.background{ background-color: rgb(229,  
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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