

Converting Colors

XYZ(78.3936, 87.4082, 79.7575)

Have a look what the booklet for
XYZ(78.3936, 87.4082, 79.7575)
contains.

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Color

**XYZ(78.3936, 87.4082,
79.7575)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | E7F5DB |
| RGB | 231, 245, 219 |
| RGB Percent | 91%, 96%, 86% |
| CMY | 0.0941, 0.0392, 0.1412 |
| CMYK | 0.06, 0.00, 0.11, 0.04 |
| HSL | 92°, 57%, 91% |
| HSV | 92°, 11%, 96% |
| XYZ | 78.3936, 87.4082, 79.7575 |
| YIQ | 237.8500, 0.0020, -11.0540 |

Conversions

Conversions Part 2

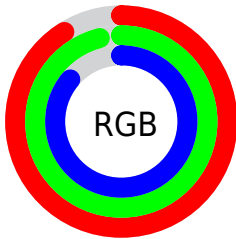
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 219, 245, 233 |
| Decimal | 15201755 |
| CIE Lab | 94.91, -9.16, 10.94 |
| CIE LCh | 95, 14.268, 129.948 |
| Yxy | 87.4082, 0.3192, 0.3560 |
| Android (android.graphics.Color) | 4293391835 (0xFFE7F5DB) |
| YUV | 237.8500, -9.2931, -6.0075 |
| Hunter-Lab | 93.4924, -13.9389, 14.8649 |

Details

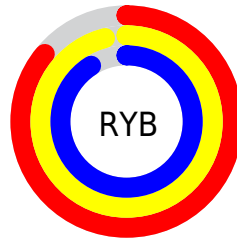
The XYZ color **78.3936, 87.4082, 79.7575** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **75.4206, 74.5816, 96.8114**, and the grayscale version is **81.2237, 85.4536, 93.0590**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.5776, 48.1895, 42.1794** is the 20% darker color. If you saturate the color by 10%, you get **71.3038, 84.1015, 63.8097**, and if you desaturate by 10%, it is **86.2841, 91.0779, 98.2245**.

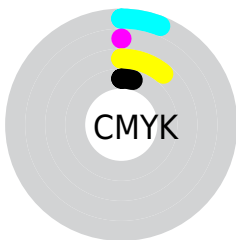
Distribution



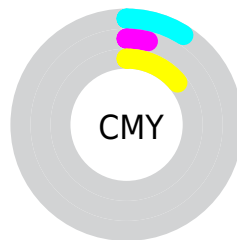
- Red (91%)
- Green (96%)
- Blue (86%)



- Red (86%)
- Yellow (96%)
- Blue (91%)



- Cyan (6%)
- Magenta (0%)
- Yellow (11%)
- Black (4%)



- Cyan (9%)
- Magenta (4%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.3936, 87.4082, 79.7575 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 78.3936, 87.4082, 79.7575 by changing the saturation by 10% instead.

78.3936, 87.4082,
79.7575

78.3936, 87.4082,
79.7575

478.3219,
519.5633, 513.8004

58.7013, 65.8331,
58.9938

130.0673,
143.7330, 134.8331

42.6181, 48.1369,
42.1882

162.7793,
179.2514, 169.9820

29.7788, 33.9353,
28.9220

200.5620,
220.1864, 210.7632

19.8180, 22.8439,
18.7767

243.7806,
266.9223, 257.5950

12.3703, 14.4783,
11.3339

292.8005,
319.8435, 310.8961

7.0704, 8.4541,
6.1749

347.9872,

3.5529, 4.3868,

379.3345, 371.0850

2.8812

409.7058,
445.7796, 438.5803

■ 1.4524, 1.8922,
1.0343

■ 0.2931, 0.5437,
0.0000

■ 78.3936, 87.4082,
79.7575

■ 78.3936, 87.4082,
79.7575

■ 71.3038, 84.1015,
63.8097

■ 86.2841, 91.0779,
98.2245

■ 64.9798, 81.1346,
50.2663

■ 91.9441, 93.7883,
107.8647

■ 59.3945, 78.4986,
39.0120

■ 54.5164, 76.1800,
29.9199

■ 50.3113, 74.1643,
22.8506

■ 46.7414, 72.4354,
17.6485

■ 43.7644, 70.9754,
14.1353

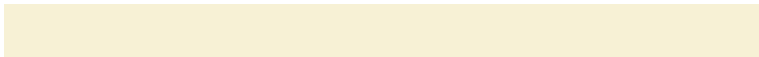
■ 41.3311, 69.7635,
12.0978

■ 39.4717, 68.8228,
11.2038

Harmonies

Analogous

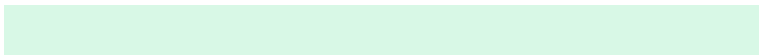
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.8004, 87.4082, 75.6941



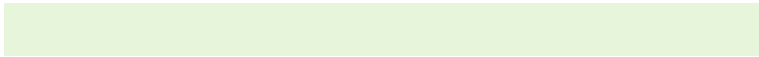
78.3936, 87.4082, 79.7575



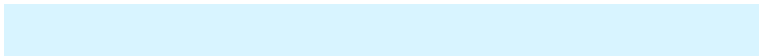
76.2854, 87.4082, 88.0538

Triad

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



78.3936, 87.4082, 79.7575



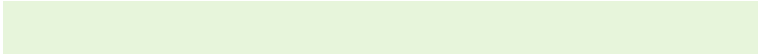
80.5545, 87.4082, 116.6199



90.6230, 87.4082, 91.5395

Complementary

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



78.3936, 87.4082, 79.7575



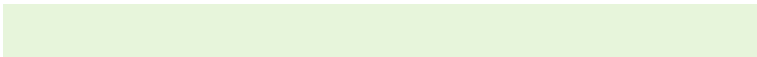
75.4206, 74.5816, 96.8114

Split Complementary

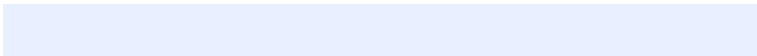
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.2642, 87.4082, 102.6653



78.3936, 87.4082, 79.7575



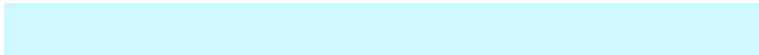
84.3706, 87.4082, 117.7354

Square

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



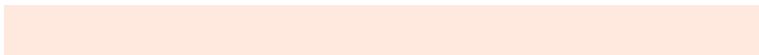
78.3936, 87.4082, 79.7575



77.5059, 87.4082, 109.5172



87.9472, 87.4082, 112.4562



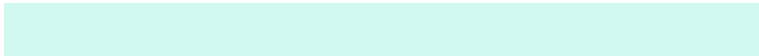
88.9128, 87.4082, 82.1388

Rectangle

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



78.3936, 87.4082, 79.7575



75.8602, 87.4082, 95.1535



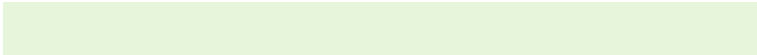
87.9472, 87.4082, 112.4562



90.7415, 87.4082, 95.1919

Sweetspot

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



78.3960, 87.4120, 79.7594



92.3431, 98.7440, 102.4716



79.5469, 82.7326, 78.7955



19.6133, 21.0647, 21.5747



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

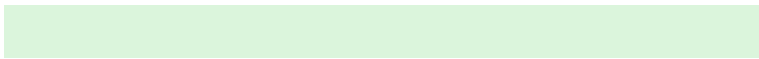
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.3960, 87.4120, 79.7594



83.8989, 94.8157, 82.8812



74.7690, 85.5290, 80.1870



17.0089, 18.8467, 17.5389



21.4190, 37.1547, 6.0427



1.9997, 3.3260, 0.5366

Inverse Universe

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



75.4206, 74.5816, 96.8114



79.9658, 77.8562, 105.4208



79.3404, 76.6176, 96.3055



16.4337, 16.3662, 20.8354



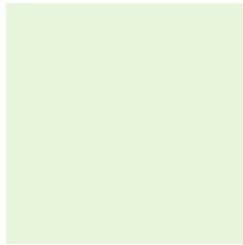
14.1622, 6.2752, 47.0028



1.3632, 0.6126, 4.1366

Previews

White Background



This preview shows how the XYZ color 78.3936, 87.4082, 79.7575 looks on a white background.

Color Contrast Check

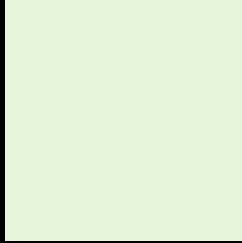
Large Text (above 18pt) WCAG AA × Fail

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 78.3936, 87.4082, 79.7575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

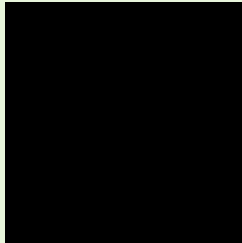
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

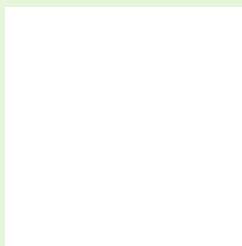
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.3936, 87.4082, 79.7575

Background



This preview shows how black text looks on a background with the XYZ color 78.3936, 87.4082, 79.7575.



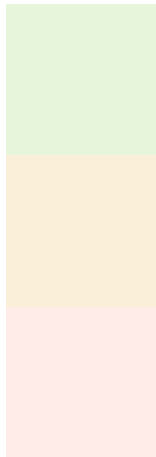
This preview shows how white text looks on a background with the XYZ color 78.3936, 87.4082,

79.7575.

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

78.3936, 87.4082, 79.7575

Protanopia

82.6855, 87.0149, 77.4033

Deuteranopia

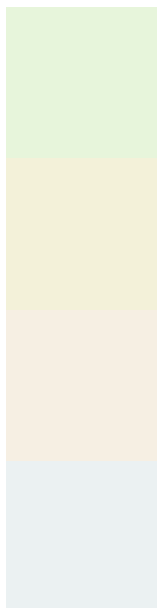
85.8009, 87.0771, 88.6293



Tritanopia

84.1764, 87.1301, 106.9890

Trichromacy



Original Color

78.3936, 87.4082, 79.7575

Protanomaly

80.9418, 86.9750, 78.1674

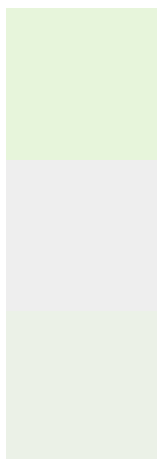
Deuteranomaly

82.7377, 86.8719, 85.0803

Tritanomaly

81.7433, 86.9836, 96.4856

Monochromacy



Original Color

78.3936, 87.4082, 79.7575

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

80.1401, 86.3423, 88.0432

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.3936, 87.4082, 79.7575 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(231, 245, 219) looks like.

```
.text, #text, p{  
    color:rgb(231, 245, 219)  
}
```

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(231, 245, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 245, 219) }
```

Border

The CSS property to change the border of an element to XYZ 78.3936, 87.4082, 79.7575 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(231, 245, 219) }
```


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

```
.border{ border-color:rgb(231, 245, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 245, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 245, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 245, 219);  
box-shadow:4px 4px 4px 4px rgb(231, 245,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 78.3936, 87.4082, 79.7575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 245, 219) }
```

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

```
.background{ background-color: rgb(231,  
245, 219) }
```

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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