

Converting Colors

XYZ(78.4390, 87.0037, 77.0078)

Have a look what the booklet for
XYZ(78.4390, 87.0037, 77.0078)
contains.

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Color

**XYZ(78.5481, 87.1001,
76.9620)**

Conversions

Conversions Part 1

Format	Color
Hex	EAF4D7
RGB	234, 244, 215
RGB Percent	92%, 96%, 84%
CMY	0.0823, 0.0431, 0.1569
CMYK	0.04, 0.00, 0.12, 0.04
HSL	81°, 57%, 90%
HSV	81°, 12%, 96%
XYZ	78.5481, 87.1001, 76.9620
YIQ	237.7040, 3.3490, -11.1390

Conversions

Conversions Part 2

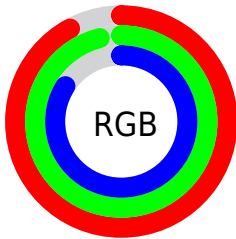
Format	Color
R _{YB}	215, 244, 225
Decimal	15398103
CIE Lab	94.78, -8.29, 12.84
CIE LCh	95, 15.288, 122.842
Yxy	87.1001, 0.3238, 0.3590
Android (android.graphics.Color)	4293588183 (0xFFEAF4D7)
YUV	237.7040, -11.1931, -3.2484
Hunter-Lab	93.3274, -13.0903, 16.4360

Details

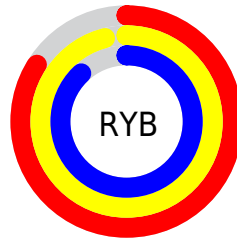
The XYZ color **78.5481, 87.1001, 76.9620** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **71.6843, 71.1424, 95.5463**, and the grayscale version is **81.1232, 85.3479, 92.9438**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.6885, 47.9695, 40.2668** is the 20% darker color. If you saturate the color by 10%, you get **72.9464, 84.5506, 61.5357**, and if you desaturate by 10%, it is **84.7535, 89.9120, 94.8612**.

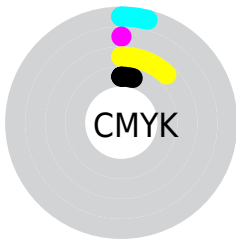
Distribution



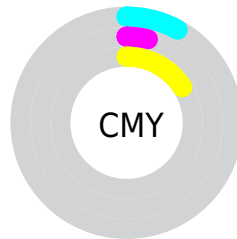
- Red (92%)
- Green (96%)
- Blue (84%)



- Red (84%)
- Yellow (96%)
- Blue (88%)



- Cyan (4%)
- Magenta (0%)
- Yellow (12%)
- Black (4%)





- Cyan (8%)
- Magenta (4%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.5481, 87.1001, 76.9620 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 78.5481, 87.1001, 76.9620 by changing the saturation by 10% instead.


 78.5481, 87.1001,
76.9620

 78.5481, 87.1001,
76.9620


478.8376,
518.5517, 504.0687

 58.8287, 65.5780,
56.7103


130.2838,
143.3037, 130.8584

 42.7211, 47.9300,
40.3649


163.0307,
178.7539, 165.3401

 29.8599, 33.7714,
27.5072


200.8509,
219.6158, 205.4023

 19.8798, 22.7181,
17.7187

244.1097,
266.2735, 251.4635

 12.4155, 14.3855,
10.5809

293.1724,
319.1116, 303.9421

 7.1015, 8.3892,
5.6752

348.4044,

 3.5725, 4.3450,

378.5144, 363.2569

2.5830

410.1710,
444.8663, 429.8262

■ 1.4633, 1.8684,
0.8837

■ 0.3006, 0.5293,
0.0000

■ 78.5481, 87.1001,
76.9620

■ 78.5481, 87.1001,
76.9620

■ 72.9464, 84.5506,
61.5357

■ 84.7535, 89.9120,
94.8612

■ 67.9189, 82.2428,
48.4677

■ 90.1266, 92.4034,
107.6932

■ 63.4439, 80.1708,
37.6432

■ 91.6424, 93.1849,
107.7641

■ 59.4955, 78.3240,
28.9353

■ 56.0454, 76.6908,
22.2046

■ 53.0618, 75.2583,
17.2947

■ 50.5087, 74.0118,
14.0260

■ 48.3429, 72.9339,
12.1821

■ 46.8172, 72.1617,
11.4611

Harmonies

Analogous

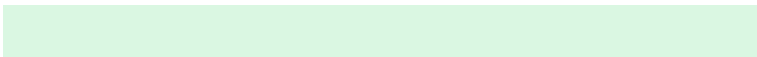
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.3924, 87.1001, 73.8622



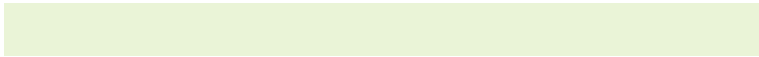
78.5481, 87.1001, 76.9620



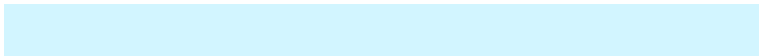
75.9107, 87.1001, 84.8178

Triad

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



78.5481, 87.1001, 76.9620



79.2093, 87.1001, 116.5767



90.9845, 87.1001, 93.7125

Complementary

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



78.5481, 87.1001, 76.9620



71.6843, 71.1424, 95.5463

Split Complementary

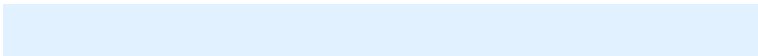
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.0645, 87.1001, 105.6161



78.5481, 87.1001, 76.9620



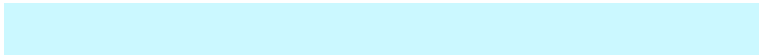
83.1809, 87.1001, 119.4488

Square

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



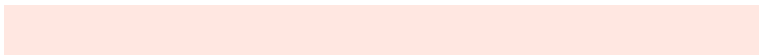
78.5481, 87.1001, 76.9620



76.2834, 87.1001, 107.7314



87.1737, 87.1001, 115.2857



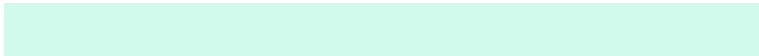
89.6481, 87.1001, 83.0152

Rectangle

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



78.5481, 87.1001, 76.9620



75.1444, 87.1001, 92.0278



87.1737, 87.1001, 115.2857



90.9290, 87.1001, 97.7032

Sweetspot

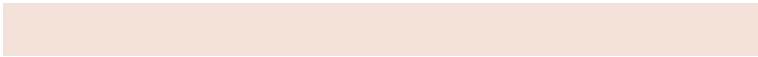
The Sweet Spot groups the original color and five complimentary colors.



78.5505, 87.1039, 76.9639



92.1683, 98.6991, 100.4193



76.4123, 77.8126, 75.2832



19.6144, 21.0744, 21.1634



0.0000, 0.0000, 0.0000



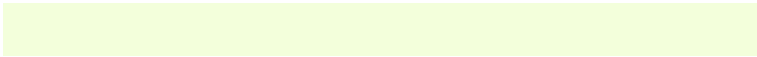
20.3446, 21.4041, 23.3091

Same Dimension

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



78.5505, 87.1039, 76.9639



85.4394, 95.6491, 81.1841



74.0839, 84.8013, 76.7549



17.3273, 19.0108, 17.5538



25.6079, 39.3142, 6.2387



2.3609, 3.5121, 0.5535

Inverse Universe

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



71.6843, 71.1424, 95.5463



76.6136, 75.1311, 105.0715



76.2856, 73.5145, 95.7616



16.1201, 16.2046, 20.8207



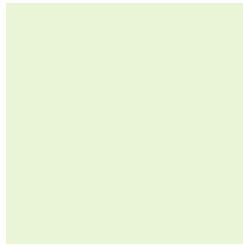
11.0070, 4.6486, 46.8552



1.0736, 0.4633, 4.1231

Previews

White Background



This preview shows how the XYZ color 78.5481, 87.1001, 76.9620 looks on a white background.

Color Contrast Check

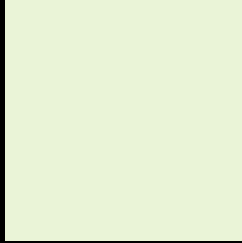
Large Text (above 18pt) WCAG AA × Fail

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 78.5481, 87.1001, 76.9620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

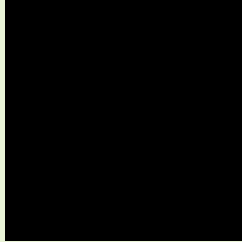
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

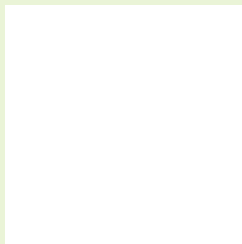
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.5481, 87.1001, 76.9620

Background



This preview shows how black text looks on a background with the XYZ color 78.5481, 87.1001, 76.9620.



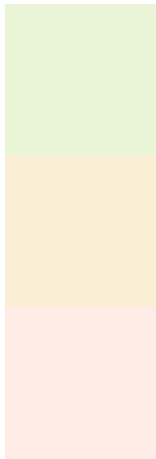
This preview shows how white text looks on a background with the XYZ color 78.5481, 87.1001,

76.9620.

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

78.5481, 87.1001, 76.9620

Protanopia

82.1745, 86.8105, 74.7124

Deuteranopia

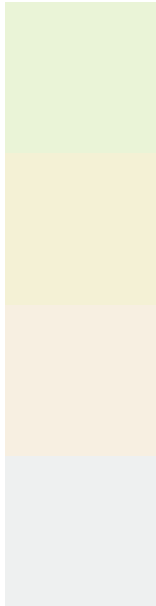
85.5184, 86.9641, 87.1414



Tritanopia

84.5597, 86.8943, 106.9233

Trichromacy



Original Color

78.5481, 87.1001, 76.9620

Protanomaly

80.7738, 86.9478, 75.4762

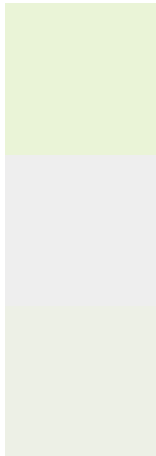
Deuteranomaly

82.8149, 86.9434, 83.6511

Tritanomaly

82.1482, 86.7886, 94.8603

Monochromacy



Original Color

78.5481, 87.1001, 76.9620

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

80.3681, 86.0379, 87.2340

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.5481, 87.1001, 76.9620 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, 244, 215) looks like.

```
.text, #text, p{  
    color:rgb(234, 244, 215)  
}
```

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, 244, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 244, 215) }
```

Border

The CSS property to change the border of an element to XYZ 78.5481, 87.1001, 76.9620 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, 244, 215) }
```


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

```
.border{ border-color:rgb(234, 244, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 244, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 244, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 244, 215);  
box-shadow:4px 4px 4px 4px rgb(234, 244,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 78.5481, 87.1001, 76.9620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 244, 215) }
```

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

```
.background{ background-color: rgb(234,  
244, 215) }
```

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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