

Converting Colors

XYZ(78.5041, 87.6604, 76.2276)

Have a look what the booklet for
XYZ(78.5041, 87.6604, 76.2276)
contains.

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Color

**XYZ(78.3943, 87.4835,
76.3725)**

Conversions

Conversions Part 1

Format	Color
Hex	E9F5D6
RGB	233, 245, 214
RGB Percent	91%, 96%, 84%
CMY	0.0863, 0.0392, 0.1608
CMYK	0.05, 0.00, 0.13, 0.04
HSL	83°, 61%, 90%
HSV	83°, 13%, 96%
XYZ	78.3943, 87.4835, 76.3725
YIQ	237.8780, 2.7990, -12.1850

Conversions

Conversions Part 2

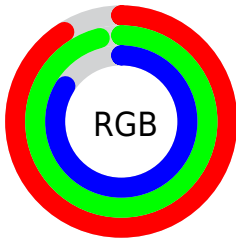
Format	Color
RYB	214, 245, 226
Decimal	15332822
CIELab	94.94, -9.30, 13.58
CIElCh	95, 16.458, 124.396
Yxy	87.4835, 0.3236, 0.3611
Android (android.graphics.Color)	4293522902 (0xFFE9F5D6)
YUV	237.8780, -11.7719, -4.2780
Hunter-Lab	93.5326, -14.0724, 17.0606

Details

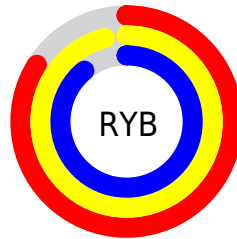
The XYZ color **78.3943, 87.4835, 76.3725** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **71.8954, 70.8568, 96.2783**, and the grayscale version is **81.2624, 85.4944, 93.1034**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.5871, 48.2455, 39.8686** is the 20% darker color. If you saturate the color by 10%, you get **72.4842, 84.7741, 60.9726**, and if you desaturate by 10%, it is **84.9463, 90.4746, 94.2627**.

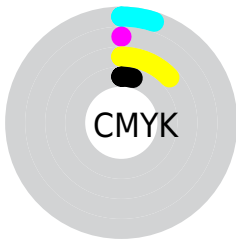
Distribution



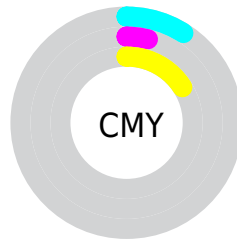
- Red (91%)
- Green (96%)
- Blue (84%)



- Red (84%)
- Yellow (96%)
- Blue (89%)



- Cyan (5%)
- Magenta (0%)
- Yellow (13%)
- Black (4%)



- Cyan (9%)
- Magenta (4%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.3943, 87.4835, 76.3725 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 78.3943, 87.4835, 76.3725 by changing the saturation by 10% instead.

78.3943, 87.4835,
76.3725

78.3943, 87.4835,
76.3725

478.3242,
519.8103, 502.0026

58.7018, 65.8954,
56.2295

130.0682,
143.8379, 130.0182

42.6186, 48.1875,
39.9817

162.7804,
179.3729, 164.3581

29.7792, 33.9754,
27.2106

200.5633,
220.3258, 204.2673

19.8183, 22.8747,
17.4976

243.7821,
267.0807, 250.1644

12.3705, 14.5010,
10.4242

292.8022,
320.0223, 302.4679

7.0705, 8.4699,
5.5719

347.9891,

3.5530, 4.3971,

379.5348, 361.5964

2.5220

409.7079,
446.0027, 427.9685

■ 1.4525, 1.8981,
0.8518

■ 0.2932, 0.5472,
0.0000

■ 78.3943, 87.4835,
76.3725

■ 78.3943, 87.4835,
76.3725

■ 72.4842, 84.7741,
60.9726

■ 84.9463, 90.4746,
94.2627

■ 67.1855, 82.3253,
47.9470

■ 90.8397, 93.2190,
107.8130

■ 62.4753, 80.1306,
37.1787

■ 91.9442, 93.7883,
107.8647

■ 58.3264, 78.1787,
28.5387

■ 54.7091, 76.4574,
21.8851

■ 51.5903, 74.9532,
17.0583

■ 48.9321, 73.6506,
13.8745

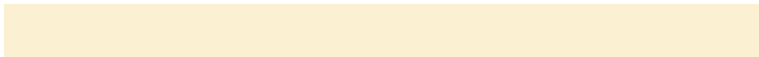
■ 46.6892, 72.5310,
12.1113

■ 45.2577, 71.8057,
11.4746

Harmonies

Analogous

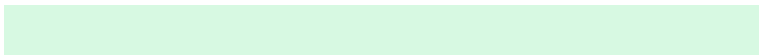
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.4942, 87.4835, 72.7825



78.3943, 87.4835, 76.3725



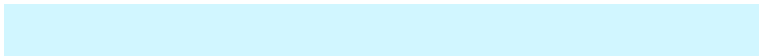
75.6461, 87.4835, 85.0193

Triad

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



78.3943, 87.4835, 76.3725



79.4952, 87.4835, 119.1925



92.0075, 87.4835, 93.3826

Complementary

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



78.3943, 87.4835, 76.3725



71.8954, 70.8568, 96.2783

Split Complementary

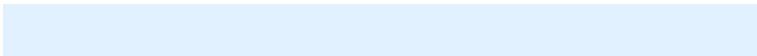
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.1354, 87.4835, 106.2802



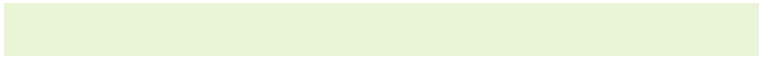
78.3943, 87.4835, 76.3725



83.8102, 87.4835, 121.9330

Square

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



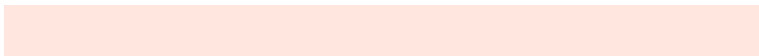
78.3943, 87.4835, 76.3725



76.2656, 87.4835, 109.8302



88.0952, 87.4835, 117.0177



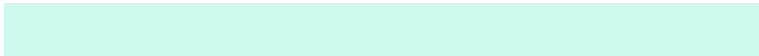
90.4377, 87.4835, 82.0293

Rectangle

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



78.3943, 87.4835, 76.3725



74.8956, 87.4835, 92.8736



88.0952, 87.4835, 117.0177



91.9906, 87.4835, 97.6761

Sweetspot

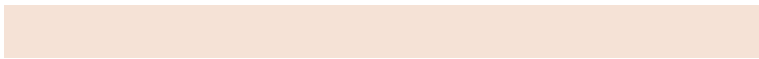
The Sweet Spot groups the original color and five complimentary colors.



78.3967, 87.4873, 76.3744



92.0128, 98.6190, 100.4120



76.9616, 78.5998, 74.7346



19.5750, 21.0541, 21.1615



0.0000, 0.0000, 0.0000



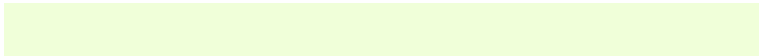
20.3446, 21.4041, 23.3091

Same Dimension

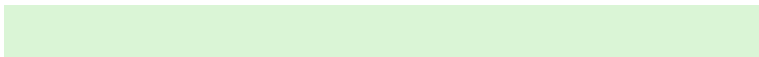
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.3967, 87.4873, 76.3744



84.2515, 95.0752, 79.3861



73.5916, 85.0102, 76.1495



17.2572, 18.9746, 17.5505



24.5395, 38.7634, 6.1887



2.2715, 3.4661, 0.5493

Inverse Universe

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



71.8954, 70.8568, 96.2783



75.9346, 73.7992, 104.8502



76.9378, 73.4563, 96.5143



16.1879, 16.2395, 20.8239



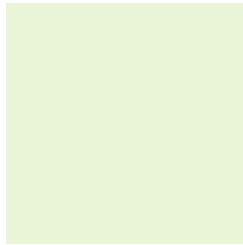
11.5571, 4.9322, 46.8809



1.1271, 0.4909, 4.1256

Previews

White Background



This preview shows how the XYZ color 78.3943, 87.4835, 76.3725 looks on a white background.

Color Contrast Check

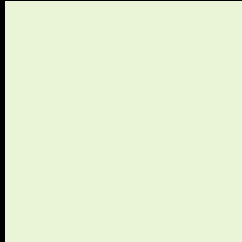
Large Text (above 18pt) WCAG AA × Fail

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 78.3943, 87.4835, 76.3725 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

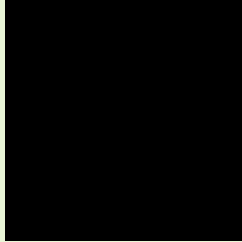
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

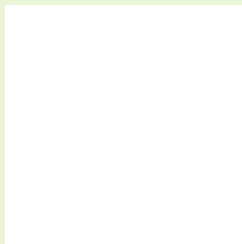
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.3943, 87.4835, 76.3725

Background



This preview shows how black text looks on a background with the XYZ color 78.3943, 87.4835, 76.3725.



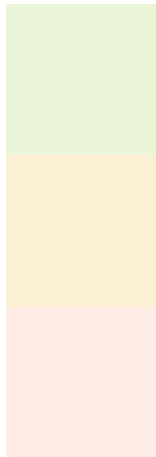
This preview shows how white text looks on a background with the XYZ color 78.3943, 87.4835,

76.3725.

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

78.3943, 87.4835, 76.3725

Protanopia

82.7016, 87.5326, 74.1646

Deuteranopia

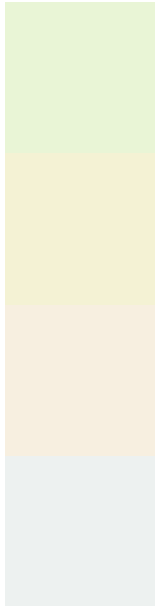
85.5184, 86.9641, 87.1414



Tritanopia

84.8517, 87.4783, 107.0206

Trichromacy



Original Color

78.3943, 87.4835, 76.3725

Protanomaly

80.9440, 87.4908, 74.9086

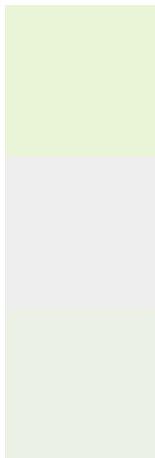
Deuteranomaly

82.6788, 86.8890, 82.9346

Tritanomaly

82.1085, 87.2064, 94.9430

Monochromacy



Original Color

78.3943, 87.4835, 76.3725

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

80.1902, 86.4006, 86.5792

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.3943, 87.4835, 76.3725 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(233, 245, 214)` looks like.

```
.text, #text, p{  
    color:rgb(233, 245, 214)  
}
```

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(233, 245, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 245, 214) }
```

Border

The CSS property to change the border of an element to XYZ 78.3943, 87.4835, 76.3725 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(233, 245, 214) }
```


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

```
.border{ border-color:rgb(233, 245, 214) }
```

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

Here you see how a box with a 4 pixel rgb(233, 245, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 245, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 245, 214);  
box-shadow:4px 4px 4px 4px rgb(233, 245,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 78.3943, 87.4835, 76.3725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 245, 214) }
```

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

```
.background{ background-color: rgb(233,  
245, 214) }
```

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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