

Converting Colors

XYZ(78.9762, 87.9725, 76.1682)

Have a look what the booklet for
XYZ(78.9762, 87.9725, 76.1682)
contains.

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Color

**XYZ(79.0510, 87.8220,
76.4032)**

Conversions

Conversions Part 1

Format	Color
Hex	EBF5D6
RGB	235, 245, 214
RGB Percent	92%, 96%, 84%
CMY	0.0784, 0.0392, 0.1608
CMYK	0.04, 0.00, 0.13, 0.04
HSL	79°, 61%, 90%
HSV	79°, 13%, 96%
XYZ	79.0510, 87.8220, 76.4032
YIQ	238.4760, 3.9910, -11.7610

Conversions

Conversions Part 2

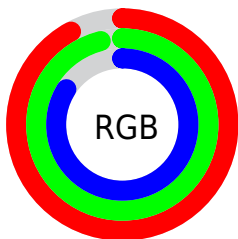
Format	Color
R _Y B	214, 245, 224
Decimal	15463894
CIE Lab	95.09, -8.61, 13.80
CIE LCh	95, 16.267, 121.947
Yxy	87.8220, 0.3249, 0.3610
Android (android.graphics.Color)	4293653974 (0xFFEBF5D6)
YUV	238.4760, -12.0667, -3.0485
Hunter-Lab	93.7134, -13.4265, 17.2611

Details

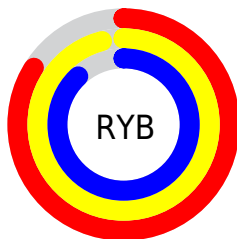
The XYZ color **79.0510, 87.8220, 76.4032** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **71.2718, 70.5353, 96.2490**, and the grayscale version is **81.7275, 85.9837, 93.6362**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.0460, 48.4821, 39.8901** is the 20% darker color. If you saturate the color by 10%, you get **73.6026, 85.3506, 61.0249**, and if you desaturate by 10%, it is **85.0908, 90.5491, 94.2694**.

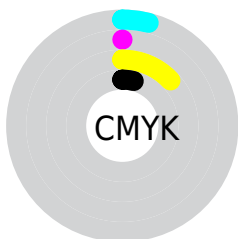
Distribution



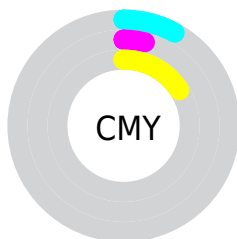
- Red (92%)
- Green (96%)
- Blue (84%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.0510, 87.8220, 76.4032 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 79.0510, 87.8220, 76.4032 by changing the saturation by 10% instead.

79.0510, 87.8220,
76.4032

79.0510, 87.8220,
76.4032

480.5142,
520.9201, 502.1103

59.2435, 66.1757,
56.2546

130.9882,
144.3093, 130.0620

43.0563, 48.4150,
40.0017

163.8486,
179.9191, 164.4092

30.1240, 34.1557,
27.2261

201.7908,
220.9521, 204.3264

20.0813, 23.0132,
17.5091

245.1799,
267.7928, 250.2321

12.5627, 14.6033,
10.4324

294.3815,
320.8256, 302.5447

7.2031, 8.5414,
5.5772

349.7609,

3.6369, 4.4433,

380.4348, 361.6830

2.5252

411.6833,
447.0049, 428.0653

■ 1.4988, 1.9245,
0.8534

■ 0.3250, 0.5630,
0.0000

■ 79.0510, 87.8220,
76.4032

■ 79.0510, 87.8220,
76.4032

■ 73.6026, 85.3506,
61.0249

■ 85.0908, 90.5491,
94.2694

■ 68.7162, 83.1144,
48.0186

■ 90.4205, 93.0028,
107.7934

■ 64.3700, 81.1073,
37.2674

■ 91.9441, 93.7883,
107.8647

■ 60.5381, 79.3188,
28.6422

■ 57.1919, 77.7373,
22.0012

■ 54.2995, 76.3498,
17.1851

■ 51.8244, 75.1416,
14.0098

■ 49.7226, 74.0948,
12.2532

■ 48.3689, 73.4095,
11.6202

Harmonies

Analogous

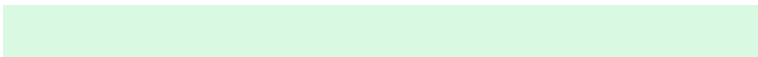
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.1834, 87.8220, 73.2812



79.0510, 87.8220, 76.4032



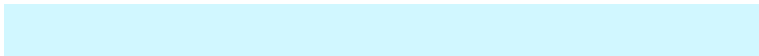
76.1871, 87.8220, 84.6166

Triad

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



79.0510, 87.8220, 76.4032



79.5349, 87.8220, 118.7773



92.2666, 87.8220, 94.7977

Complementary

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



79.0510, 87.8220, 76.4032



71.2718, 70.5353, 96.2490

Split Complementary

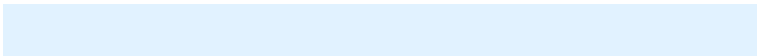
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.2075, 87.8220, 107.5452



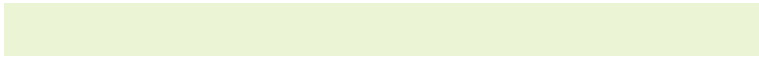
79.0510, 87.8220, 76.4032



83.7616, 87.8220, 122.0992

Square

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



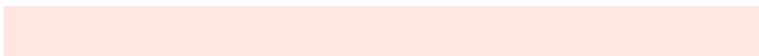
79.0510, 87.8220, 76.4032



76.4594, 87.8220, 109.1036



88.0552, 87.8220, 117.8232



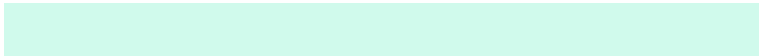
90.9011, 87.8220, 83.3017

Rectangle

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



79.0510, 87.8220, 76.4032



75.3288, 87.8220, 92.2506



88.0552, 87.8220, 117.8232



92.1822, 87.8220, 99.0770

Sweetspot

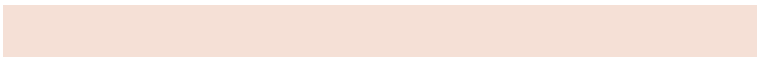
The Sweet Spot groups the original color and five complimentary colors.



79.0534, 87.8258, 76.4051



92.2503, 98.7415, 100.4231



76.4033, 77.4831, 74.5484



19.6352, 21.0852, 21.1643



0.0000, 0.0000, 0.0000



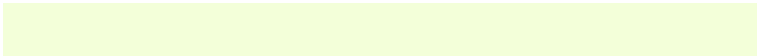
20.3446, 21.4041, 23.3091

Same Dimension

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



79.0534, 87.8258, 76.4051



85.0959, 95.5105, 79.4256



74.2122, 85.3301, 76.1785



17.3645, 19.0299, 17.5555



26.2069, 39.6230, 6.2667



2.4104, 3.5377, 0.5558

Inverse Universe

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



71.2718, 70.5353, 96.2490



75.1411, 73.3902, 104.8131



76.2347, 73.0938, 96.4813



16.0846, 16.1863, 20.8191



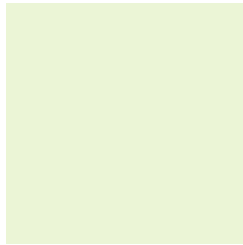
10.7464, 4.5143, 46.8430



1.0475, 0.4498, 4.1219

Previews

White Background



This preview shows how the XYZ color 79.0510, 87.8220, 76.4032 looks on a white background.

Color Contrast Check

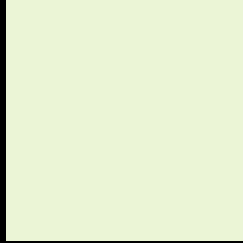
Large Text (above 18pt) WCAG AA × Fail

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 79.0510, 87.8220, 76.4032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

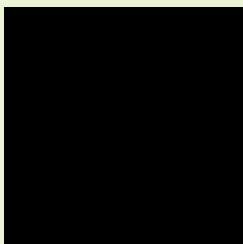
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

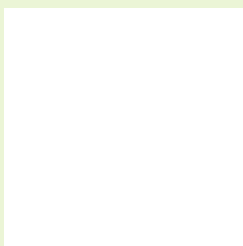
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.0510, 87.8220, 76.4032

Background



This preview shows how black text looks on a background with the XYZ color 79.0510, 87.8220, 76.4032.

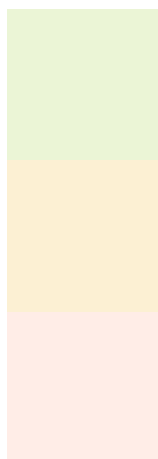


This preview shows how white text looks on a background with the XYZ color 79.0510, 87.8220,

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

79.0510, 87.8220, 76.4032

Protanopia

83.0628, 87.7188, 74.1816

Deuteranopia

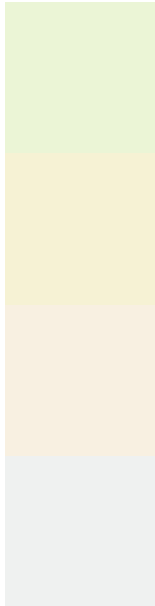
85.9480, 87.5979, 87.9794



Tritanopia

85.1921, 87.6538, 107.0365

Trichromacy



Original Color

79.0510, 87.8220, 76.4032

Protanomaly

81.6418, 87.8506, 74.9412

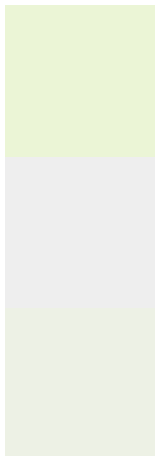
Deuteranomaly

83.4621, 87.7129, 83.7655

Tritanomaly

82.7801, 87.5526, 94.9744

Monochromacy



Original Color

79.0510, 87.8220, 76.4032

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

80.5232, 86.5723, 86.5948

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.0510, 87.8220, 76.4032 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(235, 245, 214)` looks like.

```
.text, #text, p{  
    color:rgb(235, 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(235, 245, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 245, 214) }
```

Border

The CSS property to change the border of an element to XYZ 79.0510, 87.8220, 76.4032 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(235, 245, 214) }
```


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

```
.border{ border-color:rgb(235, 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(235, 245, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 245, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 245, 214);  
box-shadow:4px 4px 4px 4px rgb(235, 245,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 79.0510, 87.8220, 76.4032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 245, 214) }
```

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

```
.background{ background-color: rgb(235,  
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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