

Converting Colors

XYZ(79.0063, 87.3214, 77.6564)

Have a look what the booklet for XYZ(79.0063, 87.3214, 77.6564) contains.

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Color

**XYZ(79.0063, 87.3214,
77.6564)**

Conversions

Conversions Part 1

Format	Color
Hex	EBF4D8
RGB	235, 244, 216
RGB Percent	92%, 96%, 85%
CMY	0.0784, 0.0431, 0.1529
CMYK	0.04, 0.00, 0.11, 0.04
HSL	79°, 56%, 90%
HSV	79°, 11%, 96%
XYZ	79.0063, 87.3214, 77.6564
YIQ	238.1170, 3.6240, -10.6160

Conversions

Conversions Part 2

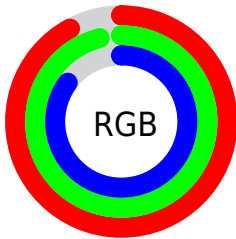
Format	Color
R _Y B	216, 244, 225
Decimal	15463640
CIE Lab	94.87, -7.78, 12.47
CIE LCh	95, 14.702, 121.971
Yxy	87.3214, 0.3238, 0.3579
Android (android.graphics.Color)	4293653720 (0xFFEBF4D8)
YUV	238.1170, -10.9037, -2.7336
Hunter-Lab	93.4459, -12.6129, 16.1404

Details

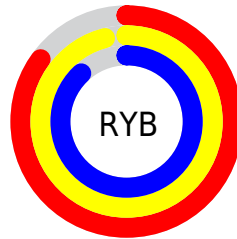
The XYZ color **79.0063, 87.3214, 77.6564** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **71.9398, 71.6533, 95.6314**, and the grayscale version is **81.4405, 85.6817, 93.3074**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.0066, 48.1234, 40.7403** is the 20% darker color. If you saturate the color by 10%, you get **73.5502, 84.8491, 62.1389**, and if you desaturate by 10%, it is **85.0499, 90.0476, 95.6502**.

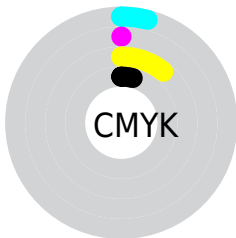
Distribution



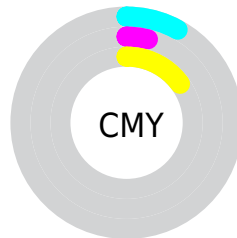
- Red (92%)
- Green (96%)
- Blue (85%)



- Red (85%)
- Yellow (96%)
- Blue (88%)



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



- Cyan (8%)
- Magenta (4%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.0063, 87.3214, 77.6564 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 79.0063, 87.3214, 77.6564 by changing the saturation by 10% instead.

79.0063, 87.3214,
77.6564

79.0063, 87.3214,
77.6564

480.3653,
519.2784, 506.4961

59.2066, 65.7612,
57.2770

130.9256,
143.6120, 131.8471

43.0265, 48.0786,
40.8168

163.7760,
179.1113, 166.4955

30.1005, 33.8891,
27.8574

201.7073,
220.0256, 206.7373

20.0633, 22.8084,
17.9801

245.0849,
266.7395, 252.9910

12.5496, 14.4521,
10.7664

294.2741,
319.6374, 305.6752

7.1940, 8.4358,
5.7978

349.6404,

3.6311, 4.3750,

379.1035, 365.2084

2.6557

411.5490,
445.5224, 432.0092

■ 1.4956, 1.8855,
0.9210

■ 0.3229, 0.5396,
0.0000

■ 79.0063, 87.3214,
77.6564

■ 79.0063, 87.3214,
77.6564

■ 73.5502, 84.8491,
62.1389

■ 85.0499, 90.0476,
95.6502

■ 68.6525, 82.6104,
48.9836

■ 90.0757, 92.3772,
107.6908

■ 64.2920, 80.5994,
38.0760

■ 91.6424, 93.1849,
107.7641

■ 60.4432, 78.8057,
29.2896

■ 57.0782, 77.2181,
22.4857

■ 54.1658, 75.8238,
17.5087

■ 51.6706, 74.6086,
14.1802

■ 49.5503, 73.5553,
12.2857

■ 47.9832, 72.7628,
11.5157

Harmonies

Analogous

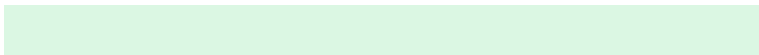
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.7332, 87.3214, 74.7961



79.0063, 87.3214, 77.6564



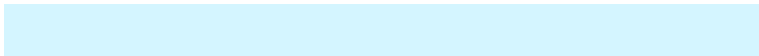
76.4170, 87.3214, 85.1377

Triad

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



79.0063, 87.3214, 77.6564



79.4487, 87.3214, 115.7865



90.8894, 87.3214, 94.3256

Complementary

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



79.0063, 87.3214, 77.6564



71.9398, 71.6533, 95.6314

Split Complementary

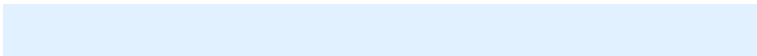
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.9430, 87.3214, 105.7638



79.0063, 87.3214, 77.6564



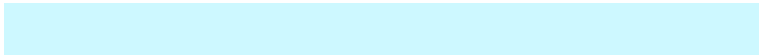
83.2601, 87.3214, 118.7305

Square

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



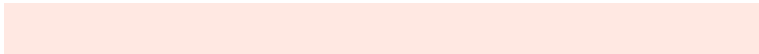
79.0063, 87.3214, 77.6564



76.6666, 87.3214, 107.1730



87.1186, 87.3214, 114.9282



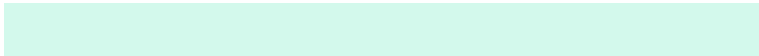
89.6653, 87.3214, 83.9293

Rectangle

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



79.0063, 87.3214, 77.6564



75.6404, 87.3214, 92.0470



87.1186, 87.3214, 114.9282



90.8144, 87.3214, 98.1752

Sweetspot

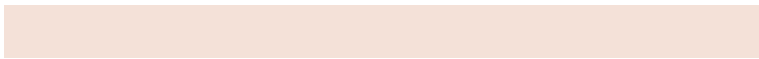
The Sweet Spot groups the original color and five complimentary colors.



79.0087, 87.3252, 77.6583



92.9434, 99.0535, 102.4997



76.5952, 77.9722, 75.9802



19.7754, 21.1483, 21.5823



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

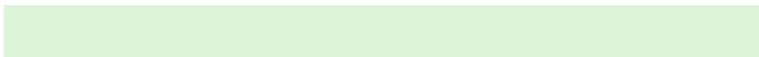
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.0087, 87.3252, 77.6583



85.7278, 95.7977, 81.1976



74.6076, 85.0563, 77.4523



17.3664, 19.0309, 17.5556



26.2380, 39.6390, 6.2682



2.4130, 3.5390, 0.5559

Inverse Universe

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



71.9398, 71.6533, 95.6314



76.3437, 74.9920, 105.0589



76.4397, 73.9731, 95.8420



16.0828, 16.1853, 20.8190



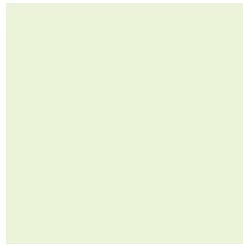
10.7337, 4.5078, 46.8424



1.0462, 0.4492, 4.1218

Previews

White Background



This preview shows how the XYZ color 79.0063, 87.3214, 77.6564 looks on a white background.

Color Contrast Check

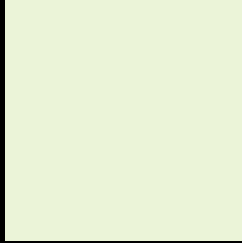
Large Text (above 18pt) WCAG AA × Fail

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 79.0063, 87.3214, 77.6564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

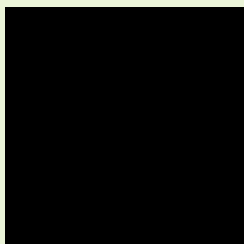
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

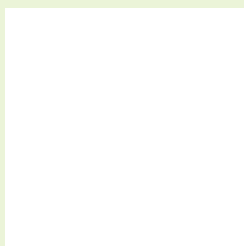
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.0063, 87.3214, 77.6564

Background



This preview shows how black text looks on a background with the XYZ color 79.0063, 87.3214, 77.6564.

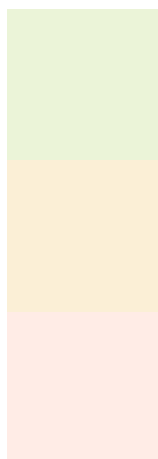


This preview shows how white text looks on a background with the XYZ color 79.0063, 87.3214,

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

79.0063, 87.3214, 77.6564

Protanopia

82.7878, 87.0973, 76.0664

Deuteranopia

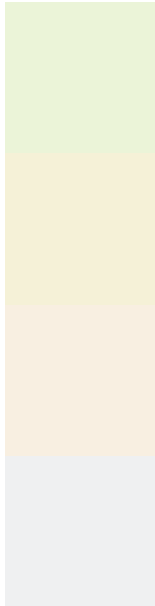
85.5184, 86.9641, 87.1414



Tritanopia

84.9002, 87.0698, 106.9392

Trichromacy



Original Color

79.0063, 87.3214, 77.6564

Protanomaly

81.3772, 87.2294, 76.8379

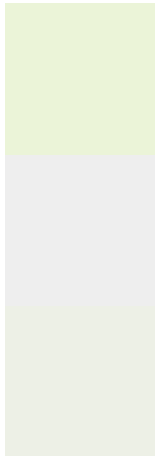
Deuteranomaly

83.1685, 87.1257, 83.6677

Tritanomaly

82.6339, 87.0218, 95.6607

Monochromacy



Original Color

79.0063, 87.3214, 77.6564

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 79.0063, 87.3214, 77.6564 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, 244, 216) looks like.

```
.text, #text, p{  
    color:rgb(235, 244, 216)  
}
```

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, 244, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 244, 216) }
```

Border

The CSS property to change the border of an element to XYZ 79.0063, 87.3214, 77.6564 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, 244, 216) }
```


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

```
.border{ border-color:rgb(235, 244, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 244, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 244, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 244, 216);  
box-shadow:4px 4px 4px 4px rgb(235, 244,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 79.0063, 87.3214, 77.6564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 244, 216) }
```

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

```
.background{ background-color: rgb(235,  
244, 216) }
```

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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