

Converting Colors

XYZ(79.7405, 86.6574, 84.4753)

Have a look what the booklet for
XYZ(79.7405, 86.6574, 84.4753)
contains.

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Color

**XYZ(79.7405, 86.6574,
84.4753)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | EBF2E2 |
| RGB | 235, 242, 226 |
| RGB Percent | 92%, 95%, 89% |
| CMY | 0.0784, 0.0510, 0.1137 |
| CMYK | 0.03, 0.00, 0.07, 0.05 |
| HSL | 86°, 38%, 92% |
| HSV | 86°, 7%, 95% |
| XYZ | 79.7405, 86.6574, 84.4753 |
| YIQ | 238.0830, 0.9640, -6.4600 |

Conversions

Conversions Part 2

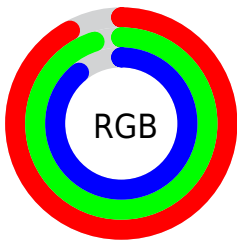
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 226, 242, 233 |
| Decimal | 15463138 |
| CIE _{Lab} | 94.59, -5.12, 6.90 |
| CIE _{LCh} | 95, 8.593, 126.560 |
| Yxy | 86.6574, 0.3179, 0.3454 |
| Android (android.graphics.Color) | 4293653218 (0xFFEBF2E2) |
| YUV | 238.0830, -5.9569, -2.7038 |
| Hunter-Lab | 93.0900, -10.0050, 11.3597 |

Details

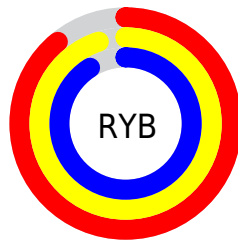
The XYZ color **79.7405, 86.6574, 84.4753** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.8311, 78.1296, 95.0400**, and the grayscale version is **81.3785, 85.6165, 93.2364**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.5000, 47.6418, 45.4312** is the 20% darker color. If you saturate the color by 10%, you get **73.2584, 83.6753, 68.0436**, and if you desaturate by 10%, it is **86.9044, 89.9419, 103.3891**.

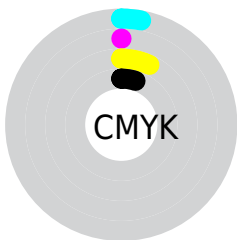
Distribution



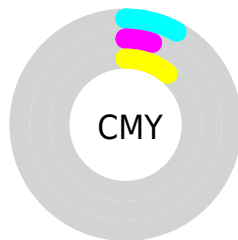
- Red (92%)
- Green (95%)
- Blue (89%)



- Red (89%)
- Yellow (95%)
- Blue (91%)



- Cyan (3%)
- Magenta (0%)
- Yellow (7%)
- Black (5%)



- Cyan (8%)
- Magenta (5%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.7405, 86.6574, 84.4753 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 79.7405, 86.6574, 84.4753 by changing the saturation by 10% instead.

79.7405, 86.6574,
84.4753

79.7405, 86.6574,
84.4753

482.8077,
517.0964, 529.9895

59.8126, 65.2117,
62.8603

131.9533,
142.6865, 141.5075

43.5165, 47.6328,
45.2879

164.9688,
178.0387, 177.7618

30.4868, 33.5362,
31.3397

203.0776,
218.7953, 219.7328

20.3583, 22.5375,
20.5970

246.6450,
265.3405, 267.8393

12.7655, 14.2524,
12.6414

296.0364,
318.0589, 322.4996

7.3432, 8.2964,
7.0543

351.6170,

3.7259, 4.2852,

377.3347, 384.1324

3.4171

413.7524,
443.5524, 453.1562

■ 1.5482, 1.8343,
1.3113

■ 0.3583, 0.5084,
0.0711

■ 79.7405, 86.6574,
84.4753

■ 79.7405, 86.6574,
84.4753

■ 73.2584, 83.6753,
68.0436

■ 86.9044, 89.9419,
103.3891

■ 67.4279, 80.9746,
53.9854

■ 91.0438, 91.9877,
107.5646

■ 62.2266, 78.5490,
42.1923

■ 57.6284, 76.3872,
32.5454

■ 53.6046, 74.4776,
24.9147

■ 50.1240, 72.8072,
19.1564

■ 47.1514, 71.3613,
15.1075

■ 44.6464, 70.1233,
12.5770

■ 42.5589, 69.0727,
11.3247

Harmonies

Analogous

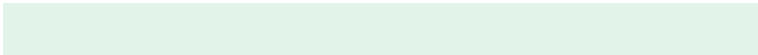
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.8575, 86.6574, 82.2413



79.7405, 86.6574, 84.4753



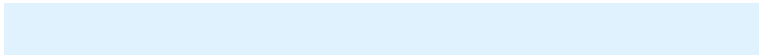
78.3459, 86.6574, 89.3713

Triad

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



79.7405, 86.6574, 84.4753



80.6061, 86.6574, 106.5493



86.8699, 86.6574, 92.9054

Complementary

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



79.7405, 86.6574, 84.4753



76.8311, 78.1296, 95.0400

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.



86.5198, 86.6574, 99.5210



79.7405, 86.6574, 84.4753



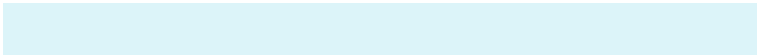
82.8751, 86.6574, 107.6038

Square

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



79.7405, 86.6574, 84.4753



78.8391, 86.6574, 102.1594



85.0470, 86.6574, 104.9768



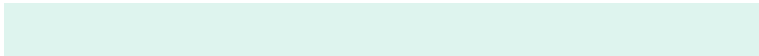
85.9950, 86.6574, 86.9589

Rectangle

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



79.7405, 86.6574, 84.4753



77.9987, 86.6574, 93.5918



85.0470, 86.6574, 104.9768



86.8918, 86.6574, 95.1227

Sweetspot

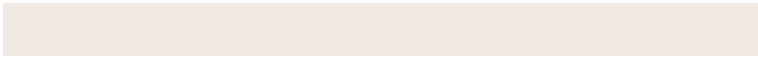
The Sweet Spot groups the original color and five complimentary colors.



79.7429, 86.6611, 84.4772



93.4232, 99.2550, 104.5945



79.4687, 82.6114, 83.7100



20.0135, 21.2525, 22.4326



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

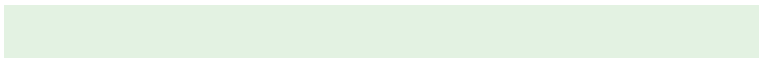
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.7429, 86.6611, 84.4772



88.7287, 97.1008, 92.3604



77.1818, 85.3409, 84.3573



16.4164, 18.0948, 16.7771



22.6789, 37.0129, 5.9489



2.0007, 3.1379, 0.5002

Inverse Universe

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



76.8311, 78.1296, 95.0400



84.7888, 85.5567, 106.6530



79.4795, 79.4949, 95.1640



15.5537, 15.5671, 19.9066



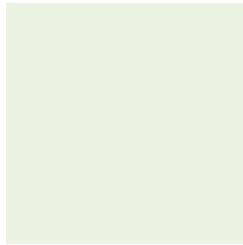
11.9484, 5.1650, 45.4951



1.1062, 0.4876, 3.7900

Previews

White Background



This preview shows how the XYZ color 79.7405, 86.6574, 84.4753 looks on a white background.

Color Contrast Check

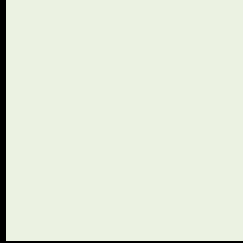
Large Text (above 18pt) WCAG AA × Fail

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 79.7405, 86.6574, 84.4753 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

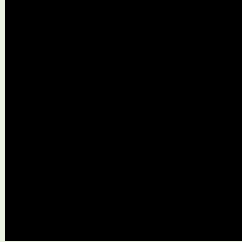
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

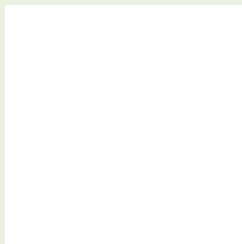
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.7405, 86.6574, 84.4753

Background



This preview shows how black text looks on a background with the XYZ color 79.7405, 86.6574, 84.4753.



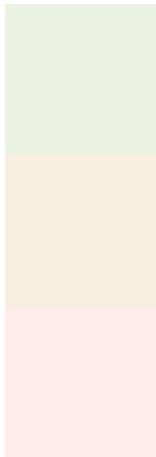
This preview shows how white text looks on a background with the XYZ color 79.7405, 86.6574,

84.4753.

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

79.7405, 86.6574, 84.4753

Protanopia

82.3869, 86.3050, 82.8373

Deuteranopia

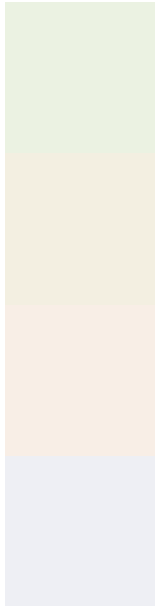
85.6563, 86.5599, 89.2839



Tritanopia

84.5597, 86.8943, 106.9233

Trichromacy



Original Color

79.7405, 86.6574, 84.4753

Protanomaly

81.4193, 86.2239, 83.5858

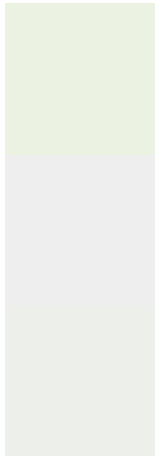
Deuteranomaly

83.5689, 86.8187, 87.2160

Tritanomaly

82.4555, 86.4418, 97.9270

Monochromacy



Original Color

79.7405, 86.6574, 84.4753

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

80.6428, 85.6780, 90.1291

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.7405, 86.6574, 84.4753 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, 242, 226) looks like.

```
.text, #text, p{  
    color:rgb(235, 242, 226)  
}
```

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, 242, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 242, 226) }
```

Border

The CSS property to change the border of an element to XYZ 79.7405, 86.6574, 84.4753 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, 242, 226) }
```


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

```
.border{ border-color:rgb(235, 242, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 242, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 242, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 242, 226);  
box-shadow:4px 4px 4px 4px rgb(235, 242,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 79.7405, 86.6574, 84.4753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 242, 226) }
```

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

```
.background{ background-color: rgb(235,  
242, 226) }
```

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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