

Converting Colors

XYZ(75.0620, 81.0909, 81.4161)

Have a look what the booklet for
XYZ(75.0620, 81.0909, 81.4161)
contains.

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Color

**XYZ(75.3407, 81.4024,
81.5534)**

Conversions

Conversions Part 1

Format	Color
Hex	E5EBDF
RGB	229, 235, 223
RGB Percent	90%, 92%, 87%
CMY	0.1020, 0.0784, 0.1255
CMYK	0.03, 0.00, 0.05, 0.08
HSL	90°, 23%, 90%
HSV	90°, 5%, 92%
XYZ	75.3407, 81.4024, 81.5534
YIQ	231.8380, 0.2760, -5.0040

Conversions

Conversions Part 2

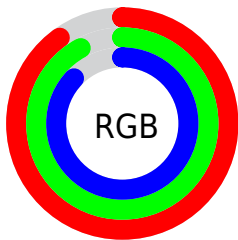
Format	Color
R _Y B	223, 235, 229
Decimal	15068127
CIE Lab	92.31, -4.12, 5.11
CIE LCh	92, 6.564, 128.866
Yxy	81.4024, 0.3162, 0.3416
Android (android.graphics.Color)	4293258207 (0xFFE5EBDF)
YUV	231.8380, -4.3571, -2.4889
Hunter-Lab	90.2233, -8.8348, 9.5637

Details

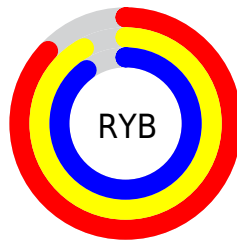
The XYZ color **75.3407, 81.4024, 81.5534** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **73.6994, 75.4338, 89.2773**, and the grayscale version is **76.6140, 80.6039, 87.7776**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6435, 44.0660, 43.4092** is the 20% darker color. If you saturate the color by 10%, you get **68.7656, 78.3562, 65.8383**, and if you desaturate by 10%, it is **82.6142, 84.7625, 99.6001**.

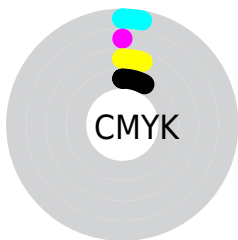
Distribution



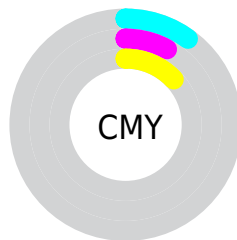
- Red (90%)
- Green (92%)
- Blue (87%)



- Red (87%)
- Yellow (92%)
- Blue (90%)



- Cyan (3%)
- Magenta (0%)
- Yellow (5%)
- Black (8%)



- Cyan (10%)
- Magenta (8%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.3407, 81.4024, 81.5534 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 75.3407, 81.4024, 81.5534 by changing the saturation by 10% instead.

■ 75.3407, 81.4024,
81.5534

■ 75.3407, 81.4024,
81.5534

468.0669,
499.6465, 519.9968

■ 56.1872, 60.8731,
60.4638

125.7799,
135.3356, 137.3786

■ 40.5906, 44.1227,
43.3649

157.7962,
169.5083, 172.9513

■ 28.1856, 30.7670,
29.8380

194.8309,
208.9976, 214.1888

■ 18.6068, 20.4215,
19.4646

237.2493,
254.1879, 261.5096

■ 11.4888, 12.7018,
11.8263

285.4168,
305.4635, 315.3322

■ 6.4663, 7.2235,
6.5044

339.6986,

■ 3.1740, 3.6023,

363.2089, 376.0753

3.0804

400.4602,
427.8084, 444.1573

■ 1.2464, 1.4537,
1.1359

■ 0.1426, 0.2558,
0.0000

■ 75.3407, 81.4024,
81.5534

■ 75.3407, 81.4024,
81.5534

■ 68.7656, 78.3562,
65.8383

■ 82.6142, 84.7625,
99.6001

■ 62.8591, 75.6036,
52.3545

■ 88.0902, 87.4309,
106.8407

■ 57.5990, 73.1378,
41.0022

■ 88.9999, 87.8999,
106.8833

■ 52.9594, 70.9477,
31.6717

■ 48.9121, 69.0214,
24.2440

■ 45.4264, 67.3461,
18.5872

■ 42.4683, 65.9073,
14.5528

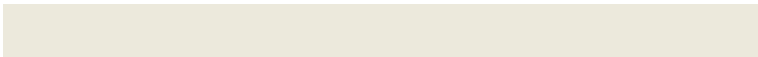
■ 39.9988, 64.6889,
11.9680

■ 37.9713, 63.6714,
10.6204

Harmonies

Analogous

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



76.8687, 81.4024, 79.7156



75.3407, 81.4024, 81.5534



74.3663, 81.4024, 85.3060

Triad

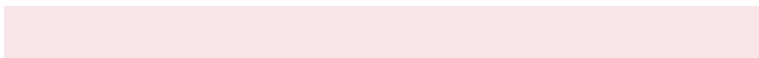
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.3407, 81.4024, 81.5534



76.1998, 81.4024, 97.6401



80.6401, 81.4024, 87.2007

Complementary

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



75.3407, 81.4024, 81.5534



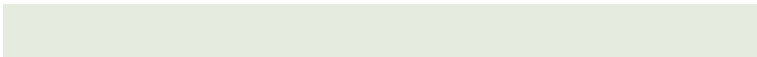
73.6994, 75.4338, 89.2773

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.



80.4546, 81.4024, 92.0462



75.3407, 81.4024, 81.5534



77.8746, 81.4024, 98.1926

Square

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



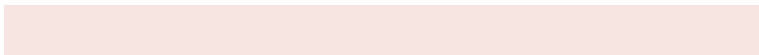
75.3407, 81.4024, 81.5534



74.8572, 81.4024, 94.6286



79.4365, 81.4024, 96.1117



79.9395, 81.4024, 82.8969

Rectangle

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



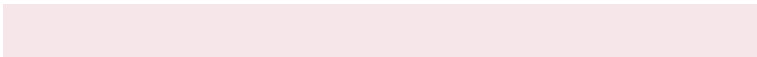
75.3407, 81.4024, 81.5534



74.1533, 81.4024, 88.4485



79.4365, 81.4024, 96.1117



80.6795, 81.4024, 88.8185

Sweetspot

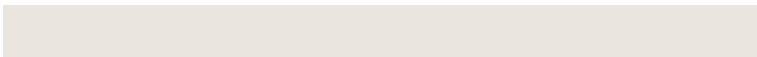
The Sweet Spot groups the original color and five complimentary colors.



75.3430, 81.4059, 81.5552



93.3073, 99.1952, 104.5891



75.6026, 79.0316, 81.0832



19.9899, 21.2403, 22.4315



0.0000, 0.0000, 0.0000



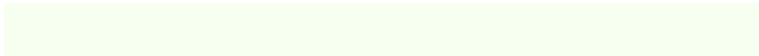
20.3446, 21.4041, 23.3091

Same Dimension

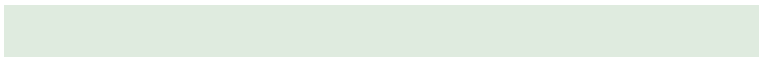
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.3430, 81.4059, 81.5552



89.9239, 97.6308, 96.3097



73.4614, 80.4359, 81.4671



15.9963, 17.4222, 17.0128



20.7982, 35.2664, 5.7109



1.7441, 2.8265, 0.4536

Inverse Universe

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



73.6994, 75.4338, 89.2773



87.6042, 89.2021, 107.2082



75.6471, 76.4379, 89.3685



15.5420, 15.7714, 19.1473



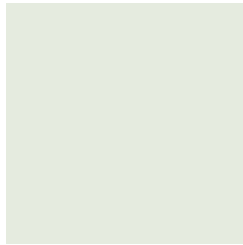
12.6168, 5.5401, 44.1473



1.1017, 0.4922, 3.4718

Previews

White Background



This preview shows how the XYZ color 75.3407, 81.4024, 81.5534 looks on a white background.

Color Contrast Check

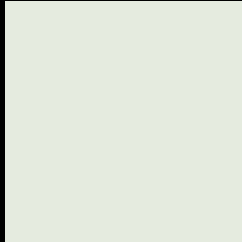
Large Text (above 18pt) WCAG AA × Fail

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 75.3407, 81.4024, 81.5534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

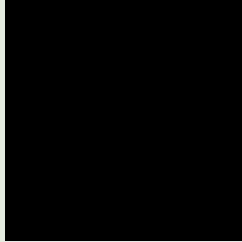
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

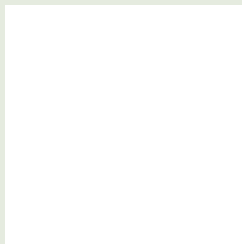
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.3407, 81.4024, 81.5534

Background



This preview shows how black text looks on a background with the XYZ color 75.3407, 81.4024, 81.5534.



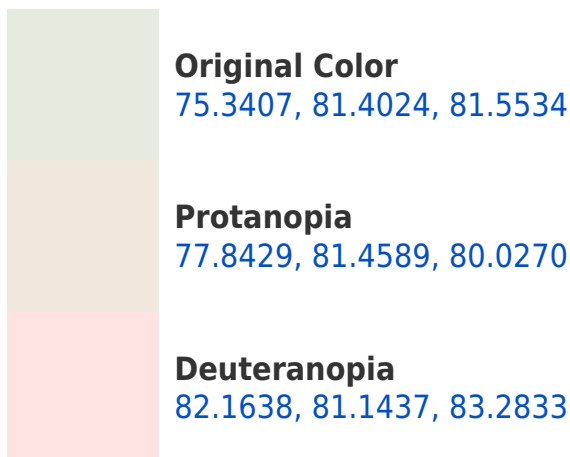
This preview shows how white text looks on a background with the XYZ color 75.3407, 81.4024,

81.5534.

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

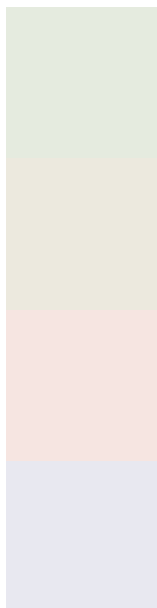




Tritanopia

79.2791, 81.3150, 101.1394

Trichromacy



Original Color

75.3407, 81.4024, 81.5534

Protanomaly

76.9158, 81.3846, 80.7621

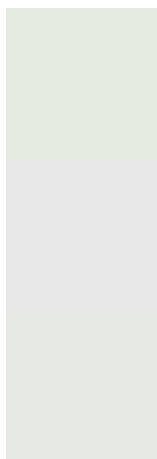
Deuteranomaly

79.6160, 81.0677, 82.6856

Tritanomaly

77.8635, 81.1603, 93.9997

Monochromacy



Original Color

75.3407, 81.4024, 81.5534

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

76.2368, 80.9239, 85.7305

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.3407, 81.4024, 81.5534 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(229, 235, 223) looks like.

```
.text, #text, p{  
    color:rgb(229, 235, 223)  
}
```

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(229, 235, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 235, 223) }
```

Border

The CSS property to change the border of an element to XYZ 75.3407, 81.4024, 81.5534 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(229, 235, 223) }
```


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

```
.border{ border-color:rgb(229, 235, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 235, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 235, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 235, 223);  
box-shadow:4px 4px 4px 4px rgb(229, 235,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 75.3407, 81.4024, 81.5534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 235, 223) }
```

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

```
.background{ background-color: rgb(229,  
235, 223) }
```

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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