

Converting Colors

XYZ(74.4300, 81.8705, 78.6621)

Have a look what the booklet for
XYZ(74.4300, 81.8705, 78.6621)
contains.

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Color

**XYZ(74.4344, 81.8516,
78.8937)**

Conversions

Conversions Part 1

Format	Color
Hex	E2EDDB
RGB	226, 237, 219
RGB Percent	89%, 93%, 86%
CMY	0.1137, 0.0706, 0.1412
CMYK	0.05, 0.00, 0.08, 0.07
HSL	97°, 33%, 89%
HSV	97°, 8%, 93%
XYZ	74.4344, 81.8516, 78.8937
YIQ	231.6590, -0.7780, -7.9300

Conversions

Conversions Part 2

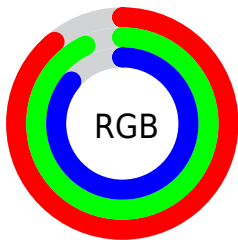
Format	Color
R _Y B	219, 237, 230
Decimal	14872027
CIE Lab	92.51, -6.84, 7.45
CIE LCh	93, 10.113, 132.551
Yxy	81.8516, 0.3165, 0.3480
Android (android.graphics.Color)	4293062107 (0xFFE2EDDB)
YUV	231.6590, -6.2409, -4.9629
Hunter-Lab	90.4719, -11.4675, 11.6280

Details

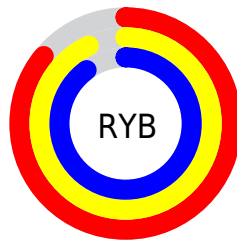
The XYZ color **74.4344, 81.8516, 78.8937** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **73.2540, 73.6027, 90.4709**, and the grayscale version is **76.4944, 80.4780, 87.6406**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0193, 44.3860, 41.5801** is the 20% darker color. If you saturate the color by 10%, you get **67.1820, 78.4504, 63.4101**, and if you desaturate by 10%, it is **82.5195, 85.6354, 96.7386**.

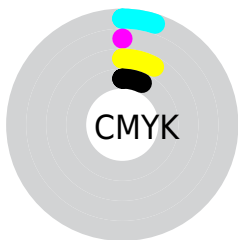
Distribution



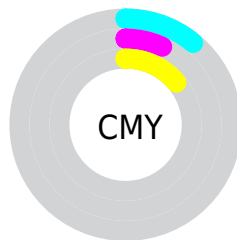
- Red (89%)
- Green (93%)
- Blue (86%)



- Red (86%)
- Yellow (93%)
- Blue (90%)



- Cyan (5%)
- Magenta (0%)
- Yellow (8%)
- Black (7%)



- Cyan (11%)
- Magenta (7%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.4344, 81.8516, 78.8937 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 74.4344, 81.8516, 78.8937 by changing the saturation by 10% instead.

74.4344, 81.8516,
78.8937

74.4344, 81.8516,
78.8937

464.9985,
501.1512, 510.8048

55.4422, 61.2432,
58.2876

124.5036,
135.9659, 133.6065

39.9911, 44.4215,
41.6237

156.3113,
170.2406, 168.5503

27.7158, 31.0020,
28.4834

193.1216,
209.8395, 209.1104

18.2509, 20.6004,
18.4481

235.2997,
255.1470, 255.7054

11.2310, 12.8322,
11.0994

283.2111,
306.5475, 308.7538

6.2909, 7.3131,
6.0188

337.2212,

3.0651, 3.6587,

364.4255, 368.6741

2.7875

397.6951,
429.1652, 435.8849

■ 1.1883, 1.4845,
0.9872

■ 0.0971, 0.2778,
0.0000

■ 74.4344, 81.8516,
78.8937

■ 74.4344, 81.8516,
78.8937

■ 67.1820, 78.4504,
63.4101

■ 82.5195, 85.6354,
96.7386

■ 60.7274, 75.4090,
50.1837

■ 89.5662, 89.0466,
107.0748

■ 55.0430, 72.7178,
39.1104

■ 89.5758, 89.0516,
107.0753

■ 50.0969, 70.3629,
30.0760

■ 45.8550, 68.3293,
22.9557

■ 42.2797, 66.6007,
17.6108

■ 39.3294, 65.1593,
13.8841

■ 36.9568, 63.9844,
11.5907

■ 35.1015, 63.0506,
10.4835

Harmonies

Analogous

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



76.7059, 81.8516, 75.7461



74.4344, 81.8516, 78.8937



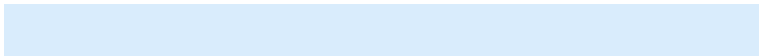
73.0818, 81.8516, 84.8586

Triad

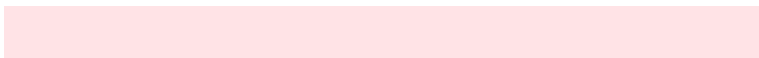
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.4344, 81.8516, 78.8937



76.2941, 81.8516, 103.6337



82.8282, 81.8516, 86.0184

Complementary

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



74.4344, 81.8516, 78.8937



73.2540, 73.6027, 90.4709

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.



82.7118, 81.8516, 93.5269



74.4344, 81.8516, 78.8937



78.8993, 81.8516, 103.9876

Square

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



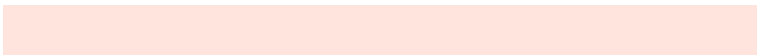
74.4344, 81.8516, 78.8937



74.1387, 81.8516, 99.2580



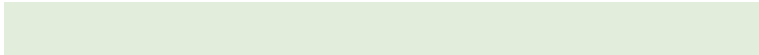
81.2604, 81.8516, 100.1992



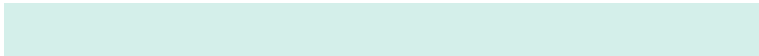
81.5747, 81.8516, 79.7016

Rectangle

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



74.4344, 81.8516, 78.8937



72.8640, 81.8516, 89.7674



81.2604, 81.8516, 100.1992



82.9488, 81.8516, 88.4807

Sweetspot

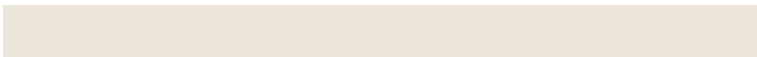
The Sweet Spot groups the original color and five complimentary colors.



74.4367, 81.8551, 78.8955



93.1021, 99.0894, 104.5795



75.9557, 79.6047, 78.3810



19.9481, 21.2188, 22.4295



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.



74.4367, 81.8551, 78.8955



86.5988, 96.0450, 90.3555



72.5246, 80.8419, 80.0501



15.4222, 17.1477, 16.0157



19.0879, 34.3847, 5.6309



1.6038, 2.7541, 0.4471

Inverse Universe

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



73.2540, 73.6027, 90.4709



84.9539, 84.5682, 106.4535



75.2840, 74.6795, 89.1995



15.1150, 15.0045, 19.0218



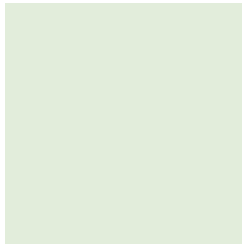
14.8587, 6.6958, 44.2523



1.2740, 0.5810, 3.4799

Previews

White Background



This preview shows how the XYZ color 74.4344, 81.8516, 78.8937 looks on a white background.

Color Contrast Check

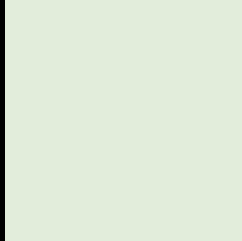
Large Text (above 18pt) WCAG AA × Fail

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 74.4344, 81.8516, 78.8937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

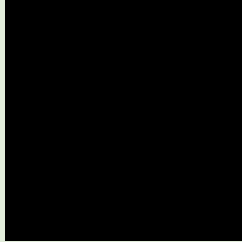
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

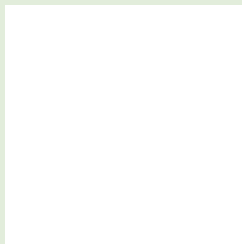
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.4344, 81.8516, 78.8937

Background



This preview shows how black text looks on a background with the XYZ color 74.4344, 81.8516, 78.8937.

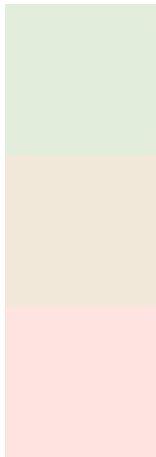


This preview shows how white text looks on a background with the XYZ color 74.4344, 81.8516,

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

74.4344, 81.8516, 78.8937

Protanopia

77.6566, 81.4238, 77.2691

Deuteranopia

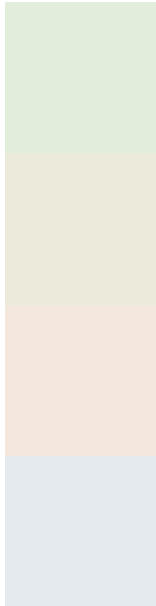
82.1636, 81.5800, 81.9370



Tritanopia

79.2242, 81.6672, 102.8546

Trichromacy



Original Color

74.4344, 81.8516, 78.8937

Protanomaly

76.6698, 81.7405, 78.0662

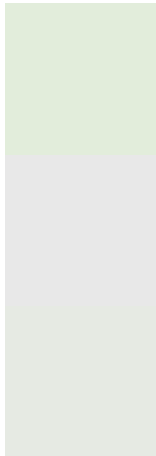
Deuteranomaly

79.0690, 81.6589, 80.7016

Tritanomaly

77.3159, 81.7356, 93.3629

Monochromacy



Original Color

74.4344, 81.8516, 78.8937

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

75.9211, 81.2147, 84.3476

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.4344, 81.8516, 78.8937 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(226, 237, 219) looks like.

```
.text, #text, p{  
    color:rgb(226, 237, 219)  
}
```

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(226, 237, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 237, 219) }
```

Border

The CSS property to change the border of an element to XYZ 74.4344, 81.8516, 78.8937 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(226, 237, 219) }
```


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

```
.border{ border-color:rgb(226, 237, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 237, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 237, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 237, 219);  
box-shadow:4px 4px 4px 4px rgb(226, 237,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 74.4344, 81.8516, 78.8937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 237, 219) }
```

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

```
.background{ background-color: rgb(226,  
237, 219) }
```

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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