

Converting Colors

XYZ(74.4261, 79.4486, 82.0595)

Have a look what the booklet for
XYZ(74.4261, 79.4486, 82.0595)
contains.

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Color

**XYZ(74.6243, 79.7531,
81.9818)**

Conversions

Conversions Part 1

Format	Color
Hex	E5E8E0
RGB	229, 232, 224
RGB Percent	90%, 91%, 88%
CMY	0.1020, 0.0902, 0.1216
CMYK	0.01, 0.00, 0.03, 0.09
HSL	83°, 15%, 89%
HSV	83°, 3%, 91%
XYZ	74.6243, 79.7531, 81.9818
YIQ	230.1910, 0.7800, -3.1240

Conversions

Conversions Part 2

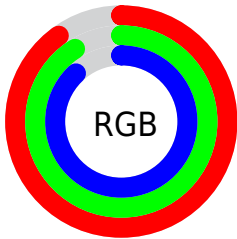
Format	Color
RYB	224, 232, 227
Decimal	15067360
CIELab	91.57, -2.42, 3.52
CIELCh	92, 4.272, 124.434
Yxy	79.7531, 0.3157, 0.3374
Android (android.graphics.Color)	4293257440 (0xFFE5E8E0)
YUV	230.1910, -3.0522, -1.0445
Hunter-Lab	89.3046, -7.1257, 8.0849

Details

The XYZ color **74.6243, 79.7531, 81.9818** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **72.9028, 75.4706, 87.0730**, and the grayscale version is **75.3786, 79.3042, 86.3622**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1423, 42.9139, 43.7036** is the 20% darker color. If you saturate the color by 10%, you get **68.9815, 77.1856, 66.3984**, and if you desaturate by 10%, it is **80.8403, 82.5711, 99.8365**.

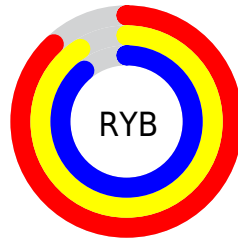
Distribution



Red (90%)

Green (91%)

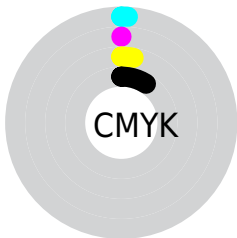
Blue (88%)



Red (88%)

Yellow (91%)

Blue (89%)

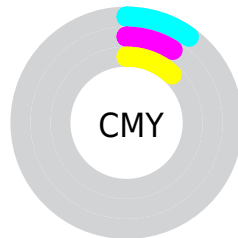


Cyan (1%)

Magenta (0%)

Yellow (3%)

Black (9%)



Cyan (10%)

Magenta (9%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.6243, 79.7531, 81.9818 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 74.6243, 79.7531, 81.9818 by changing the saturation by 10% instead.

■ 74.6243, 79.7531,
81.9818

■ 74.6243, 79.7531,
81.9818

465.6423,
494.1004, 521.4687

■ 55.5982, 59.5152,
60.8148

124.7712,
133.0185, 137.9849

■ 40.1166, 43.0280,
43.6461

156.6227,
166.8149, 173.6581

■ 27.8141, 29.9071,
30.0573

193.4800,
205.8995, 215.0039

■ 18.3253, 19.7681,
19.6296

235.7086,
250.6568, 262.4406

■ 11.2849, 12.2266,
11.9447

283.6738,
301.4711, 316.3869

■ 6.3275, 6.8982,
6.5840

337.7409,

■ 3.0878, 3.3985,

358.7269, 377.2613

3.1288

398.2753,
422.8085, 445.4824

■ 1.2003, 1.3431,
1.1608

■ 0.1066, 0.1742,
0.0000

■ 74.6243, 79.7531,
81.9818

■ 74.6243, 79.7531,
81.9818

■ 68.9815, 77.1856,
66.3984

■ 80.8403, 82.5711,
99.8365

■ 63.8861, 74.8502,
52.9899

■ 85.0608, 84.6048,
106.4549

■ 59.3196, 72.7422,
41.6610

■ 88.1482, 86.1964,
106.5994

■ 55.2602, 70.8523,
32.3070

■ 51.6841, 69.1709,
24.8143

■ 48.5653, 67.6873,
19.0577

■ 45.8749, 66.3896,
14.8964

■ 43.5797, 65.2644,
12.1679

■ 41.6398, 64.2954,
10.6749

Harmonies

Analogous

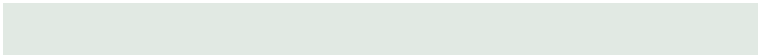
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.6410, 79.7531, 80.9912



74.6243, 79.7531, 81.9818



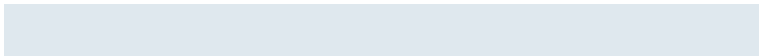
73.9285, 79.7531, 84.2737

Triad

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



74.6243, 79.7531, 81.9818



74.9023, 79.7531, 92.3640



77.9112, 79.7531, 86.3744

Complementary

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



74.6243, 79.7531, 81.9818



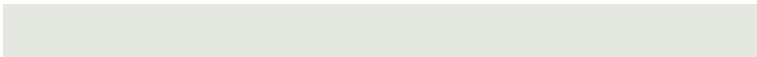
72.9028, 75.4706, 87.0730

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.



77.7088, 79.7531, 89.4529



74.6243, 79.7531, 81.9818



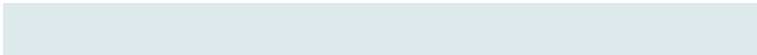
75.9650, 79.7531, 92.9587

Square

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



74.6243, 79.7531, 81.9818



74.0879, 79.7531, 90.2751



76.9939, 79.7531, 91.8814



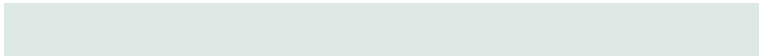
77.5442, 79.7531, 83.4884

Rectangle

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



74.6243, 79.7531, 81.9818



73.7366, 79.7531, 86.2569



76.9939, 79.7531, 91.8814



77.9075, 79.7531, 87.4208

Sweetspot

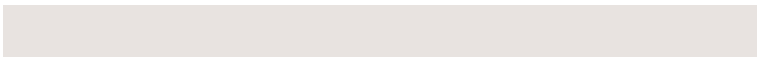
The Sweet Spot groups the original color and five complimentary colors.



74.6265, 79.7565, 81.9835



94.2909, 99.6558, 106.7356



74.1870, 77.4421, 81.5600



20.1901, 21.3341, 22.8686



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.



74.6265, 79.7565, 81.9835



92.0564, 98.6415, 100.4140



73.3858, 79.1169, 81.9255



15.6215, 16.7929, 16.8895



22.6391, 35.4524, 5.6498



1.7751, 2.6725, 0.4223

Inverse Universe

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



72.9028, 75.4706, 87.0730



89.5765, 92.4754, 107.7361



74.1575, 76.1174, 87.1317



15.1266, 15.5623, 18.3509



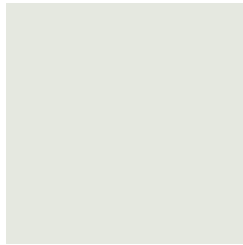
10.4007, 4.4277, 42.6896



0.8689, 0.3789, 3.1593

Previews

White Background



This preview shows how the XYZ color 74.6243, 79.7531, 81.9818 looks on a white background.

Color Contrast Check

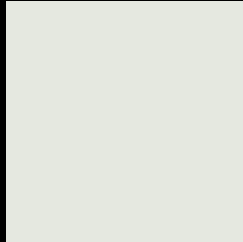
Large Text (above 18pt) WCAG AA × Fail

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 74.6243, 79.7531, 81.9818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

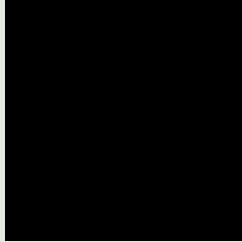
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

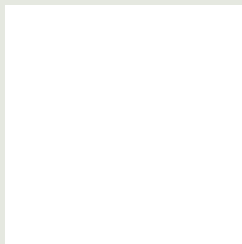
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.6243, 79.7531, 81.9818

Background



This preview shows how black text looks on a background with the XYZ color 74.6243, 79.7531, 81.9818.



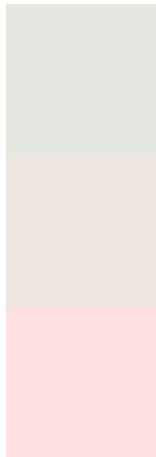
This preview shows how white text looks on a background with the XYZ color 74.6243, 79.7531,

81.9818.

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

74.6243, 79.7531, 81.9818

Protanopia

76.5411, 79.9259, 81.2051

Deuteranopia

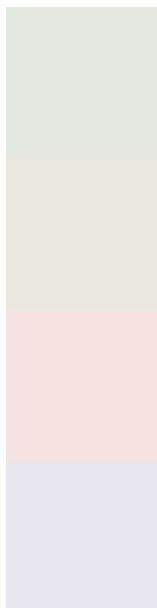
81.3551, 79.5263, 83.0137



Tritanopia

78.0865, 79.9098, 99.3042

Trichromacy



Original Color

74.6243, 79.7531, 81.9818

Protanomaly

75.8269, 79.9720, 81.2517

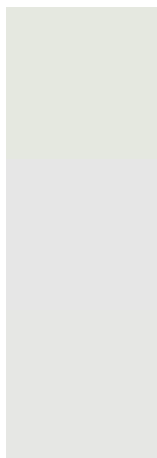
Deuteranomaly

78.7930, 79.4218, 82.4113

Tritanomaly

76.8318, 79.8145, 93.0176

Monochromacy



Original Color

74.6243, 79.7531, 81.9818

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.2126, 79.5763, 84.7944

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.6243, 79.7531, 81.9818 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, 232, 224) looks like.

```
.text, #text, p{  
    color:rgb(229, 232, 224)  
}
```

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, 232, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 232, 224) }
```

Border

The CSS property to change the border of an element to XYZ 74.6243, 79.7531, 81.9818 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, 232, 224) }
```


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

```
.border{ border-color:rgb(229, 232, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 232, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 232, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 232, 224);  
box-shadow:4px 4px 4px 4px rgb(229, 232,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 74.6243, 79.7531, 81.9818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 232, 224) }
```

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

```
.background{ background-color: rgb(229,  
232, 224) }
```

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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