

Converting Colors

XYZ(73.4971, 81.0147, 75.3820)

Have a look what the booklet for
XYZ(73.4971, 81.0147, 75.3820)
contains.

XYZ(73.4971, 81.0147, 75.3820)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(73.4971, 81.0147,
75.3820)**

Conversions

Conversions Part 1

Format	Color
Hex	E2ECD6
RGB	226, 236, 214
RGB Percent	89%, 93%, 84%
CMY	0.1137, 0.0745, 0.1608
CMYK	0.04, 0.00, 0.09, 0.07
HSL	87°, 37%, 88%
HSV	87°, 9%, 93%
XYZ	73.4971, 81.0147, 75.3820
YIQ	230.5020, 1.1020, -8.9620

Conversions

Conversions Part 2

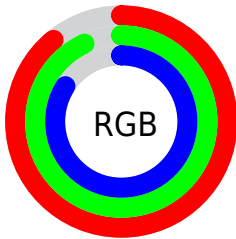
Format	Color
R _Y B	214, 236, 224
Decimal	14871766
CIE Lab	92.14, -7.18, 9.52
CIE LCh	92, 11.922, 127.043
Yxy	81.0147, 0.3197, 0.3524
Android (android.graphics.Color)	4293061846 (0xFFE2ECD6)
YUV	230.5020, -8.1355, -3.9483
Hunter-Lab	90.0082, -11.7583, 13.3502

Details

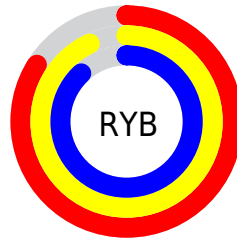
The XYZ color **73.4971, 81.0147, 75.3820** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **69.9305, 69.9987, 89.1865**, and the grayscale version is **75.6455, 79.5850, 86.6680**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.3739, 43.8036, 39.1806** is the 20% darker color. If you saturate the color by 10%, you get **67.4392, 78.2175, 60.4885**, and if you desaturate by 10%, it is **80.2068, 84.1022, 92.5889**.

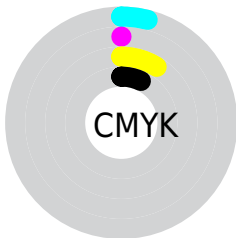
Distribution



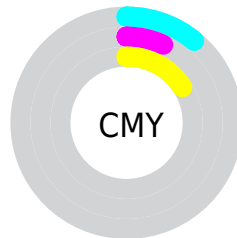
- Red (89%)
- Green (93%)
- Blue (84%)



- Red (84%)
- Yellow (93%)
- Blue (88%)



- Cyan (4%)
- Magenta (0%)
- Yellow (9%)
- Black (7%)



- Cyan (11%)
- Magenta (7%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.4971, 81.0147, 75.3820 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 73.4971, 81.0147, 75.3820 by changing the saturation by 10% instead.

73.4971, 81.0147,
75.3820

73.4971, 81.0147,
75.3820

461.8130,
498.3459, 498.5199

54.6724, 60.5537,
55.4223

123.1820,
134.7914, 128.6050

39.3723, 43.8651,
39.3390

154.7728,
168.8759, 162.7054

27.2315, 30.5645,
26.7137

191.3498,
208.2704, 202.3564

17.8846, 20.2674,
17.1278

233.2781,
253.3592, 247.9766

10.9664, 12.5896,
10.1627

280.9233,
304.5268, 299.9845

6.1114, 7.1466,
5.4000

334.6506,

2.9542, 3.5539,

362.1575, 358.7987

2.4210

394.8254,
426.6357, 424.8376

■ 1.1296, 1.4273,
0.7978

■ 0.0497, 0.2367,
0.0000

■ 73.4971, 81.0147,
75.3820

■ 73.4971, 81.0147,
75.3820

■ 67.4392, 78.2175,
60.4885

■ 80.2068, 84.1022,
92.5889

■ 62.0040, 75.6907,
47.8045

■ 86.5679, 87.0723,
106.8518

■ 57.1697, 73.4276,
37.2259

■ 89.2871, 88.4741,
106.9790

■ 52.9105, 71.4176,
28.6384

■ 49.1985, 69.6489,
21.9166

■ 46.0030, 68.1088,
16.9210

■ 43.2892, 66.7829,
13.4922

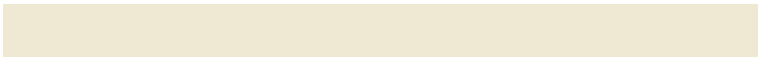
■ 41.0167, 65.6545,
11.4417

■ 39.1244, 64.6984,
10.4718

Harmonies

Analogous

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



76.2798, 81.0147, 72.4601



73.4971, 81.0147, 75.3820



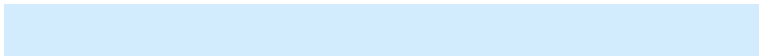
71.6884, 81.0147, 81.7742

Triad

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



73.4971, 81.0147, 75.3820



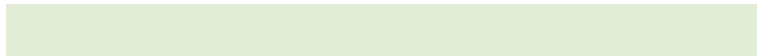
74.7203, 81.0147, 104.7286



83.0163, 81.0147, 86.1525

Complementary

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



73.4971, 81.0147, 75.3820



69.9305, 69.9987, 89.1865

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.



82.5719, 81.0147, 94.9775



73.4971, 81.0147, 75.3820



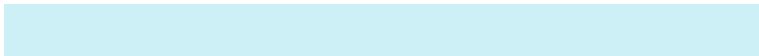
77.7288, 81.0147, 106.0940

Square

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



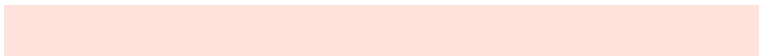
73.4971, 81.0147, 75.3820



72.3815, 81.0147, 98.8031



80.6167, 81.0147, 102.4193



81.8152, 81.0147, 78.4047

Rectangle

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



73.4971, 81.0147, 75.3820



71.2506, 81.0147, 87.3412



80.6167, 81.0147, 102.4193



83.0549, 81.0147, 89.0870

Sweetspot

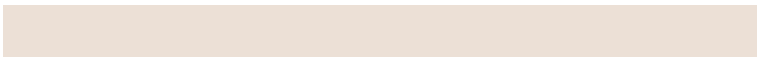
The Sweet Spot groups the original color and five complimentary colors.



73.4993, 81.0182, 75.3838



92.5745, 98.8633, 102.4825



73.3615, 75.9484, 74.4125



19.6757, 21.0969, 21.5777



0.0000, 0.0000, 0.0000



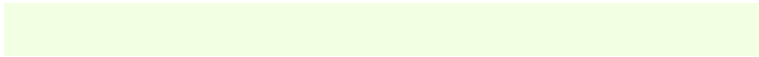
20.3446, 21.4041, 23.3091

Same Dimension

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



73.4993, 81.0182, 75.3838



86.3209, 95.9842, 86.6141



70.1892, 79.3118, 75.2288



15.6534, 17.2669, 16.0265



21.6506, 35.7058, 5.7508



1.8108, 2.8608, 0.4568

Inverse Universe

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



69.9305, 69.9987, 89.1865



81.3399, 80.6042, 105.8788



73.4179, 71.7965, 89.3497



14.8818, 14.8843, 19.0109



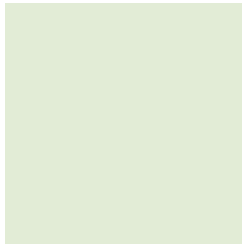
11.8529, 5.1463, 44.1116



1.0403, 0.4606, 3.4689

Previews

White Background



This preview shows how the XYZ color 73.4971, 81.0147, 75.3820 looks on a white background.

Color Contrast Check

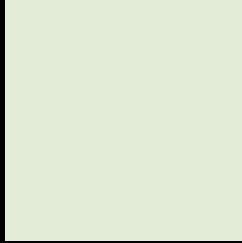
Large Text (above 18pt) WCAG AA × Fail

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 73.4971, 81.0147, 75.3820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

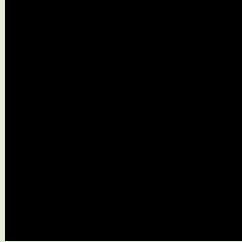
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

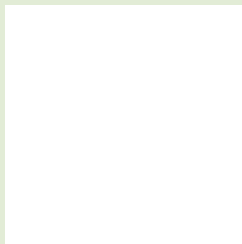
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.4971, 81.0147, 75.3820

Background



This preview shows how black text looks on a background with the XYZ color 73.4971, 81.0147, 75.3820.



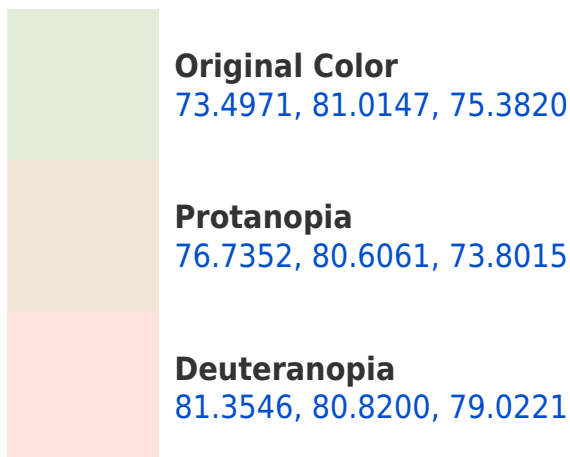
This preview shows how white text looks on a background with the XYZ color 73.4971, 81.0147,

75.3820.

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

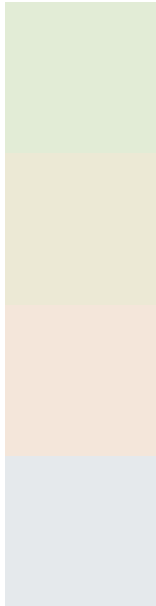




Tritanopia

78.6298, 80.9803, 101.1091

Trichromacy



Original Color

73.4971, 81.0147, 75.3820

Protanomaly

75.7412, 80.9148, 74.5769

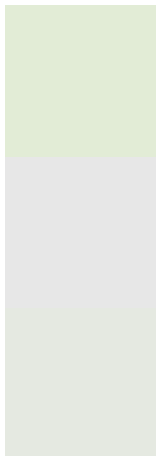
Deuteranomaly

78.2599, 80.8887, 77.8180

Tritanomaly

76.5923, 80.9920, 90.9530

Monochromacy



Original Color

73.4971, 81.0147, 75.3820

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.0426, 80.3721, 82.7924

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.4971, 81.0147, 75.3820 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, 236, 214) looks like.

```
.text, #text, p{  
    color:rgb(226, 236, 214)  
}
```

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, 236, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 236, 214) }
```

Border

The CSS property to change the border of an element to XYZ 73.4971, 81.0147, 75.3820 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, 236, 214) }
```


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

```
.border{ border-color:rgb(226, 236, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 236, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 236, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 236, 214);  
box-shadow:4px 4px 4px 4px rgb(226, 236,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 73.4971, 81.0147, 75.3820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 236, 214) }
```

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

```
.background{ background-color: rgb(226,  
236, 214) }
```

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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