

Converting Colors

XYZ(74.6486, 81.5033, 80.2076)

Have a look what the booklet for
XYZ(74.6486, 81.5033, 80.2076)
contains.

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Color

**XYZ(74.7252, 81.5423,
80.2074)**

Conversions

Conversions Part 1

Format	Color
Hex	E3ECDD
RGB	227, 236, 221
RGB Percent	89%, 93%, 87%
CMY	0.1098, 0.0745, 0.1333
CMYK	0.04, 0.00, 0.06, 0.07
HSL	96°, 28%, 90%
HSV	96°, 6%, 93%
XYZ	74.7252, 81.5423, 80.2074
YIQ	231.5990, -0.5490, -6.5730

Conversions

Conversions Part 2

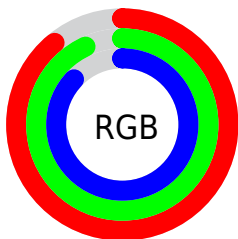
Format	Color
R _Y B	221, 236, 230
Decimal	14937309
CIE Lab	92.37, -5.65, 6.22
CIE LCh	92, 8.405, 132.238
Yxy	81.5423, 0.3160, 0.3448
Android (android.graphics.Color)	4293127389 (0xFFE3ECDD)
YUV	231.5990, -5.2253, -4.0333
Hunter-Lab	90.3008, -10.3150, 10.5477

Details

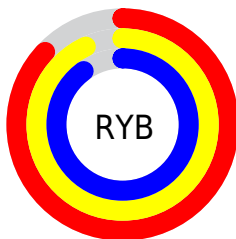
The XYZ color **74.7252, 81.5423, 80.2074** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **73.6330, 74.5942, 89.8784**, and the grayscale version is **76.4421, 80.4231, 87.5807**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2175, 44.1663, 42.4817** is the 20% darker color. If you saturate the color by 10%, you get **67.5148, 78.1657, 64.5937**, and if you desaturate by 10%, it is **82.7497, 85.2922, 98.1699**.

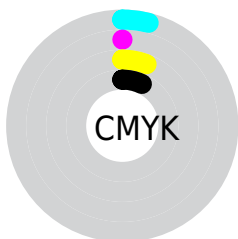
Distribution



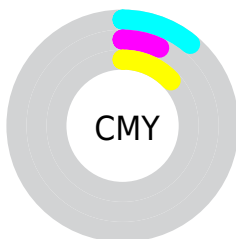
- Red (89%)
- Green (93%)
- Blue (87%)



- Red (87%)
- Yellow (93%)
- Blue (90%)



- Cyan (4%)
- Magenta (0%)
- Yellow (6%)
- Black (7%)



- Cyan (11%)
- Magenta (7%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.7252, 81.5423, 80.2074 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 74.7252, 81.5423, 80.2074 by changing the saturation by 10% instead.

74.7252, 81.5423,
80.2074

74.7252, 81.5423,
80.2074

465.9843,
500.1154, 515.3567

55.6812, 60.9883,
59.3619

124.9133,
135.5320, 135.4713

40.1834, 44.2158,
42.4826

156.7881,
169.7365, 170.7268

27.8664, 30.8402,
29.1509

193.6705,
209.2599, 211.6226

18.3649, 20.4772,
18.9485

235.9258,
254.4867, 258.5774

11.3136, 12.7424,
11.4566

283.9195,
305.8013, 312.0097

6.3470, 7.2514,
6.2568

338.0169,

3.0999, 3.6198,

363.5880, 372.3380

2.9306

398.5834,
428.2312, 439.9808

■ 1.2068, 1.4632,
1.0593

■ 0.1117, 0.2626,
0.0000

■ 74.7252, 81.5423,
80.2074

■ 74.7252, 81.5423,
80.2074

■ 67.5148, 78.1657,
64.5937

■ 82.7497, 85.2922,
98.1699

■ 61.0847, 75.1401,
51.2265

■ 89.2871, 88.4741,
106.9790

■ 55.4083, 72.4563,
40.0038

■ 50.4549, 70.1010,
30.8137

■ 46.1915, 68.0598,
23.5340

■ 42.5821, 66.3172,
18.0296

■ 39.5869, 64.8560,
14.1475

■ 37.1605, 63.6566,
11.7090

■ 35.2482, 62.6957,
10.4906

Harmonies

Analogous

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



76.6201, 81.5423, 77.5839



74.7252, 81.5423, 80.2074



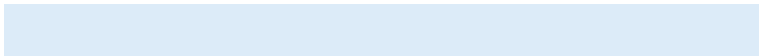
73.5873, 81.5423, 85.1806

Triad

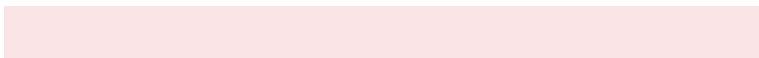
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.7252, 81.5423, 80.2074



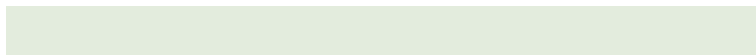
76.2343, 81.5423, 100.6916



81.6643, 81.5423, 86.2702

Complementary

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



74.7252, 81.5423, 80.2074



73.6330, 74.5942, 89.8784

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.



81.5562, 81.5423, 92.4912



74.7252, 81.5423, 80.2074



78.3937, 81.5423, 101.0169

Square

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



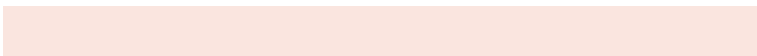
74.7252, 81.5423, 80.2074



74.4473, 81.5423, 97.0856



80.3498, 81.5423, 97.9548



80.6423, 81.5423, 80.9729

Rectangle

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



74.7252, 81.5423, 80.2074



73.3979, 81.5423, 89.2544



80.3498, 81.5423, 97.9548



81.7594, 81.5423, 88.3187

Sweetspot

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



74.7275, 81.5458, 80.2092



93.1226, 99.1000, 104.5804



75.9432, 79.6503, 79.7792



19.9523, 21.2209, 22.4297



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.



74.7275, 81.5458, 80.2092



87.5762, 96.5066, 92.3065



73.0686, 80.6674, 81.1799



15.4384, 17.1560, 16.0165



19.2363, 34.4612, 5.6378



1.6164, 2.7606, 0.4477

Inverse Universe

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



73.6330, 74.5942, 89.8784



85.9462, 86.1534, 106.7072



75.3748, 75.5172, 88.8266



15.0983, 14.9959, 19.0210



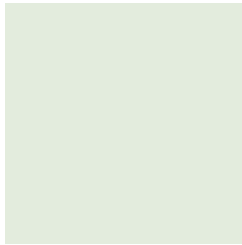
14.6095, 6.5674, 44.2406



1.2552, 0.5714, 3.4790

Previews

White Background



This preview shows how the XYZ color 74.7252, 81.5423, 80.2074 looks on a white background.

Color Contrast Check

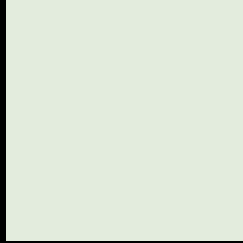
Large Text (above 18pt) WCAG AA × Fail

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 74.7252, 81.5423, 80.2074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

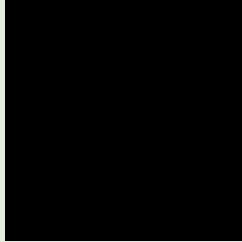
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

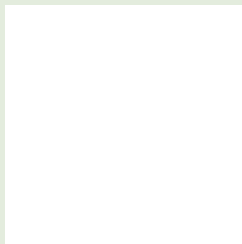
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.7252, 81.5423, 80.2074

Background



This preview shows how black text looks on a background with the XYZ color 74.7252, 81.5423, 80.2074.

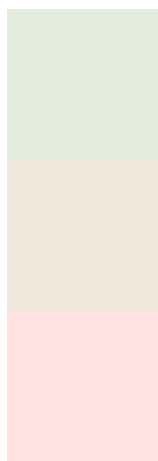


This preview shows how white text looks on a background with the XYZ color 74.7252, 81.5423,

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

74.7252, 81.5423, 80.2074

Protanopia

77.5780, 81.3530, 78.6317

Deuteranopia

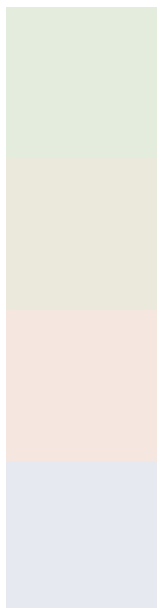
82.0270, 81.0890, 82.5626



Tritanopia

79.0669, 81.6043, 102.0264

Trichromacy



Original Color

74.7252, 81.5423, 80.2074

Protanomaly

76.3181, 81.1073, 79.3430

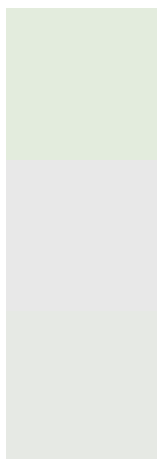
Deuteranomaly

79.4075, 81.3879, 82.0452

Tritanomaly

77.3520, 81.3328, 93.2833

Monochromacy



Original Color

74.7252, 81.5423, 80.2074

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

75.7756, 80.7023, 84.9821

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.7252, 81.5423, 80.2074 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(227, 236, 221) looks like.

```
.text, #text, p{  
    color:rgb(227, 236, 221)  
}
```

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(227, 236, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 236, 221) }
```

Border

The CSS property to change the border of an element to XYZ 74.7252, 81.5423, 80.2074 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(227, 236, 221) }
```


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

```
.border{ border-color:rgb(227, 236, 221) }
```

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

Here you see how a box with a 4 pixel rgb(227, 236, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 236, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 236, 221);  
box-shadow:4px 4px 4px 4px rgb(227, 236,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 74.7252, 81.5423, 80.2074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 236, 221) }
```

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

```
.background{ background-color: rgb(227,  
236, 221) }
```

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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