

Converting Colors

XYZ(74.3766, 80.9995, 80.5438)

Have a look what the booklet for
XYZ(74.3766, 80.9995, 80.5438)
contains.

XYZ(74.2572, 80.8593, 80.8009)	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(74.2572, 80.8593,
80.8009)**

Conversions

Conversions Part 1

Format	Color
Hex	E2EBDE
RGB	226, 235, 222
RGB Percent	89%, 92%, 87%
CMY	0.1137, 0.0784, 0.1294
CMYK	0.04, 0.00, 0.06, 0.08
HSL	102°, 25%, 90%
HSV	102°, 6%, 92%
XYZ	74.2572, 80.8593, 80.8009
YIQ	230.8270, -1.1910, -5.9510

Conversions

Conversions Part 2

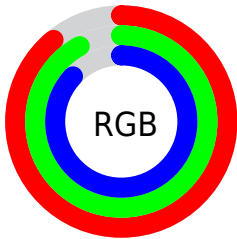
Format	Color
R _Y B	222, 235, 231
Decimal	14871518
CIE Lab	92.07, -5.31, 5.26
CIE LCh	92, 7.469, 135.284
Yxy	80.8593, 0.3148, 0.3427
Android (android.graphics.Color)	4293061598 (0xFFE2EBDE)
YUV	230.8270, -4.3517, -4.2333
Hunter-Lab	89.9218, -9.9583, 9.6691

Details

The XYZ color **74.2572, 80.8593, 80.8009** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **74.0747, 75.2318, 89.2184**, and the grayscale version is **75.8609, 79.8116, 86.9148**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8897, 43.6881, 42.8895** is the 20% darker color. If you saturate the color by 10%, you get **66.4623, 77.1821, 65.1244**, and if you desaturate by 10%, it is **82.9800, 84.9687, 98.8159**.

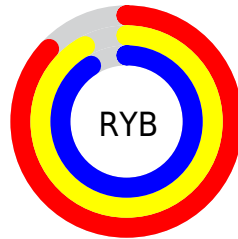
Distribution



Red (89%)

Green (92%)

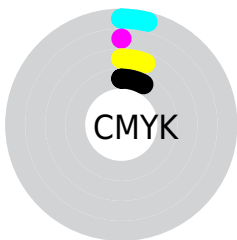
Blue (87%)



Red (87%)

Yellow (92%)

Blue (91%)

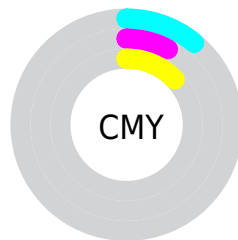


Cyan (4%)

Magenta (0%)

Yellow (6%)

Black (8%)



Cyan (11%)

Magenta (8%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.2572, 80.8593, 80.8009 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 74.2572, 80.8593, 80.8009 by changing the saturation by 10% instead.

■ 74.2572, 80.8593,
80.8009

■ 74.2572, 80.8593,
80.8009

464.3972,
497.8240, 517.4056

■ 55.2966, 60.4257,
59.8476

124.2539,
134.5732, 136.3127

■ 39.8740, 43.7619,
42.8713

156.0207,
168.6223, 171.7083

■ 27.6241, 30.4833,
29.4535

192.7869,
207.9787, 212.7551

■ 18.1815, 20.2058,
19.1756

234.9180,
253.0268, 259.8716

■ 11.1809, 12.5447,
11.6192

282.7791,
304.1510, 313.4764

■ 6.2568, 7.1158,
6.3655

336.7358,

■ 3.0440, 3.5346,

361.7357, 373.9879

2.9962

397.1534,
426.1652, 441.8248

■ 1.1771, 1.4168,
1.0927

■ 0.0881, 0.2291,
0.0000

■ 74.2572, 80.8593,
80.8009

■ 74.2572, 80.8593,
80.8009

■ 66.4623, 77.1821,
65.1244

■ 82.9800, 84.9687,
98.8159

■ 59.5570, 73.9126,
51.6854

■ 88.9999, 87.8998,
106.8833

■ 53.5103, 71.0393,
40.3832

■ 48.2867, 68.5464,
31.1077

■ 43.8480, 66.4166,
23.7387

■ 40.1528, 64.6317,
18.1432

■ 37.1554, 63.1713,
14.1713

■ 34.8041, 62.0126,
11.6484

■ 33.0381, 61.1289,
10.3593

Harmonies

Analogous

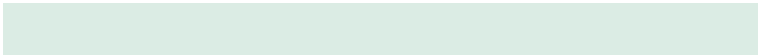
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.8840, 80.8593, 78.2189



74.2572, 80.8593, 80.8009



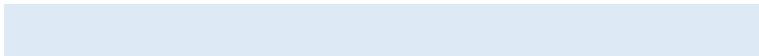
73.3340, 80.8593, 85.3798

Triad

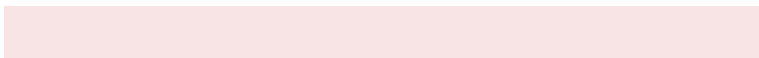
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.2572, 80.8593, 80.8009



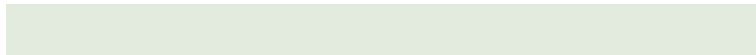
75.9190, 80.8593, 98.6843



80.4758, 80.8593, 85.2806

Complementary

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



74.2572, 80.8593, 80.8009



74.0747, 75.2318, 89.2184

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.



80.4856, 80.8593, 90.7590



74.2572, 80.8593, 80.8009



77.8329, 80.8593, 98.6550

Square

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



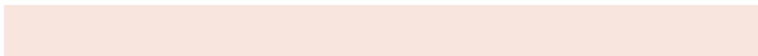
74.2572, 80.8593, 80.8009



74.2825, 80.8593, 95.7818



79.5113, 80.8593, 95.7034



79.4849, 80.8593, 80.7309

Rectangle

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



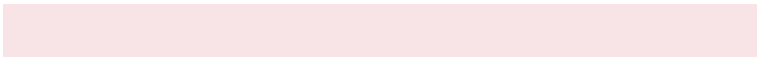
74.2572, 80.8593, 80.8009



73.2317, 80.8593, 89.0206



79.5113, 80.8593, 95.7034



80.5945, 80.8593, 87.0706

Sweetspot

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



74.2594, 80.8628, 80.8027



92.9524, 99.0122, 104.5724



75.9922, 80.0260, 80.5498



19.9176, 21.2031, 22.4281



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.



74.2594, 80.8628, 80.8027



87.9062, 96.6340, 94.2548



73.3416, 80.3524, 82.4397



15.6293, 17.2402, 16.6679



18.1476, 33.8999, 5.5869



1.5201, 2.7110, 0.4432

Inverse Universe

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



74.0747, 75.2318, 89.2184



87.6264, 88.1088, 106.9960



75.0384, 75.7681, 87.4773



15.5756, 15.6040, 19.1132



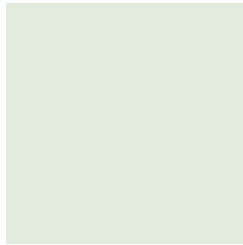
16.8558, 7.7254, 44.3457



1.4211, 0.6569, 3.4868

Previews

White Background



This preview shows how the XYZ color 74.2572, 80.8593, 80.8009 looks on a white background.

Color Contrast Check

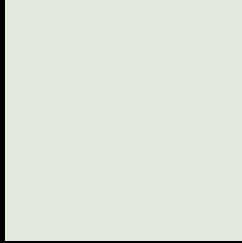
Large Text (above 18pt) WCAG AA × Fail

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 74.2572, 80.8593, 80.8009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

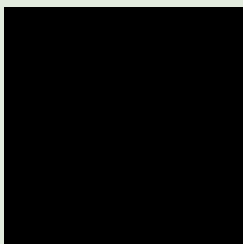
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

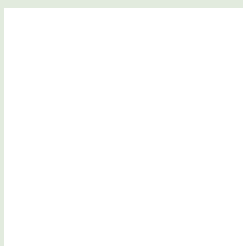
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.2572, 80.8593, 80.8009

Background



This preview shows how black text looks on a background with the XYZ color 74.2572, 80.8593, 80.8009.

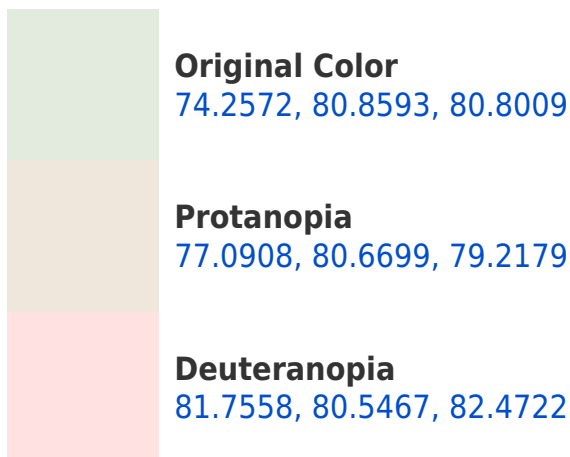


This preview shows how white text looks on a background with the XYZ color 74.2572, 80.8593,

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

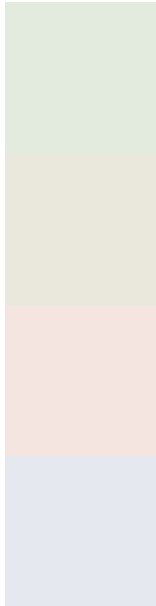




Tritanopia

78.3079, 80.8144, 101.0940

Trichromacy



Original Color

74.2572, 80.8593, 80.8009

Protanomaly

75.8394, 80.4261, 79.9332

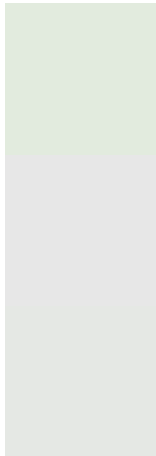
Deuteranomaly

78.7821, 80.6535, 81.9364

Tritanomaly

76.7497, 80.6032, 93.1742

Monochromacy



Original Color

74.2572, 80.8593, 80.8009

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.1733, 79.9727, 84.8730

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.2572, 80.8593, 80.8009 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, 235, 222) looks like.

```
.text, #text, p{  
    color:rgb(226, 235, 222)  
}
```

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, 235, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 235, 222) }
```

Border

The CSS property to change the border of an element to XYZ 74.2572, 80.8593, 80.8009 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, 235, 222) }
```


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

```
.border{ border-color:rgb(226, 235, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 235, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 235, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 235, 222); box-shadow:4px 4px 4px 4px rgb(226, 235, 222) }
```

Background

The CSS property to change the background color of an element to XYZ 74.2572, 80.8593, 80.8009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 235, 222) }
```

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

```
.background{ background-color: rgb(226,  
235, 222) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor