

Converting Colors

XYZ(74.3985, 80.9202, 82.1880)

Have a look what the booklet for
XYZ(74.3985, 80.9202, 82.1880)
contains.

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Color

**XYZ(74.5269, 80.9672,
82.2213)**

Conversions

Conversions Part 1

Format	Color
Hex	E2EBE0
RGB	226, 235, 224
RGB Percent	89%, 92%, 88%
CMY	0.1137, 0.0784, 0.1216
CMYK	0.04, 0.00, 0.05, 0.08
HSL	109°, 22%, 90%
HSV	109°, 5%, 92%
XYZ	74.5269, 80.9672, 82.2213
YIQ	231.0550, -1.8330, -5.3290

Conversions

Conversions Part 2

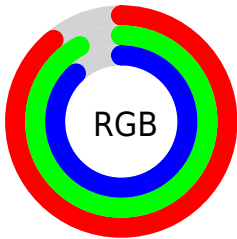
Format	Color
R_{YB}	224, 235, 233
Decimal	14871520
CIE Lab	92.12, -4.96, 4.28
CIE LCh	92, 6.551, 139.175
Yxy	80.9672, 0.3135, 0.3406
Android (android.graphics.Color)	4293061600 (0xFFE2EBE0)
YUV	231.0550, -3.4781, -4.4332
Hunter-Lab	89.9818, -9.6265, 8.8107

Details

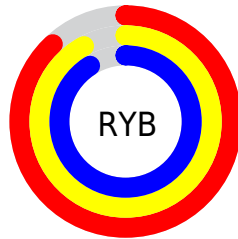
The XYZ color **74.5269, 80.9672, 82.2213** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.2585, 76.6353, 89.4269**, and the grayscale version is **76.0245, 79.9837, 87.1023**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0761, 43.7627, 43.8709** is the 20% darker color. If you saturate the color by 10%, you get **65.8623, 76.8459, 66.3126**, and if you desaturate by 10%, it is **84.3130, 85.6203, 100.4853**.

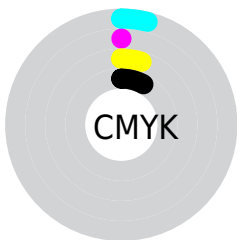
Distribution



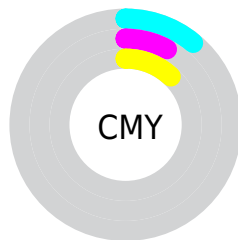
- Red (89%)
- Green (92%)
- Blue (88%)



- Red (88%)
- Yellow (92%)
- Blue (91%)



- Cyan (4%)
- Magenta (0%)
- Yellow (5%)
- Black (8%)



- Cyan (11%)
- Magenta (8%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.5269, 80.9672, 82.2213 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 74.5269, 80.9672, 82.2213 by changing the saturation by 10% instead.

■ 74.5269, 80.9672,
82.2213

■ 74.5269, 80.9672,
82.2213

465.3122,
498.1864, 522.2905

■ 55.5182, 60.5146,
61.0111

124.6339,
134.7247, 138.3238

■ 40.0522, 43.8335,
43.8035

156.4630,
168.7984, 174.0531

■ 27.7637, 30.5397,
30.1800

193.2962,
208.1812, 215.4592

■ 18.2871, 20.2486,
19.7220

235.4989,
253.2576, 262.9606

■ 11.2573, 12.5759,
12.0111

283.4365,
304.4119, 316.9760

■ 6.3087, 7.1371,
6.6286

337.4744,

■ 3.0761, 3.5480,

362.0286, 377.9237

3.1560

397.9778,
426.4919, 446.2223

■ 1.1942, 1.4241,
1.1748

■ 0.1017, 0.2344,
0.0000

■ 74.5269, 80.9672,
82.2213

■ 74.5269, 80.9672,
82.2213

■ 65.8623, 76.8459,
66.3126

■ 84.3130, 85.6203,
100.4853

■ 58.2721, 73.2274,
52.6584

■ 88.9999, 87.8998,
106.8833

■ 51.7160, 70.0954,
41.1581

■ 46.1485, 67.4288,
31.7017

■ 41.5207, 65.2050,
24.1696

■ 37.7793, 63.3994,
18.4294

■ 34.8655, 61.9849,
14.3324

■ 32.7129, 60.9311,
11.7056

■ 31.2440, 60.2026,
10.3375

Harmonies

Analogous

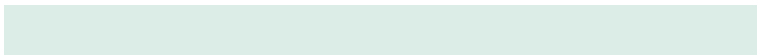
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.8957, 80.9672, 79.6682



74.5269, 80.9672, 82.2213



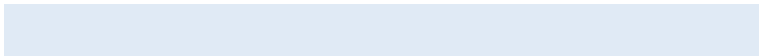
73.8128, 80.9672, 86.4253

Triad

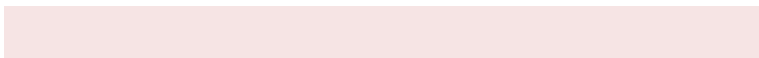
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.5269, 80.9672, 82.2213



76.3490, 80.9672, 97.6082



80.0634, 80.9672, 85.1415

Complementary

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



74.5269, 80.9672, 82.2213



75.2585, 76.6353, 89.4269

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.



80.1890, 80.9672, 89.9168



74.5269, 80.9672, 82.2213



78.0279, 80.9672, 97.2338

Square

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



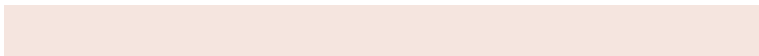
74.5269, 80.9672, 82.2213



74.8545, 80.9672, 95.3821



79.4391, 80.9672, 94.3770



79.0983, 80.9672, 81.3110

Rectangle

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



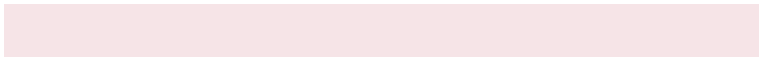
74.5269, 80.9672, 82.2213



73.7970, 80.9672, 89.6500



79.4391, 80.9672, 94.3770



80.2057, 80.9672, 86.6856

Sweetspot

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



74.5292, 80.9707, 82.2231



93.8786, 99.4432, 106.7163



76.8531, 81.3161, 82.1673



20.1062, 21.2908, 22.8647



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

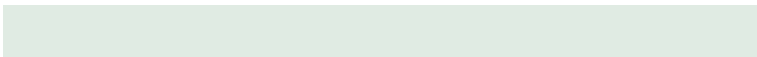
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.5292, 80.9707, 82.2231



88.2267, 96.7558, 96.2303



74.3833, 80.8403, 84.7087



15.6644, 17.2510, 16.9973



17.1581, 33.3898, 5.5406



1.4201, 2.6594, 0.4385

Inverse Universe

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



75.2585, 76.6353, 89.4269



89.3463, 90.1001, 107.2898



75.4164, 76.7744, 86.8317



15.8836, 15.9475, 19.1633



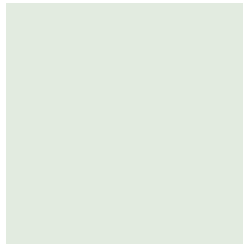
20.5852, 9.6480, 44.5202



1.6863, 0.7936, 3.4992

Previews

White Background



This preview shows how the XYZ color 74.5269, 80.9672, 82.2213 looks on a white background.

Color Contrast Check

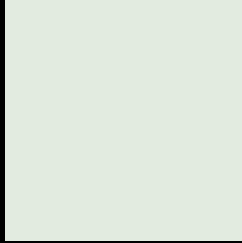
Large Text (above 18pt) WCAG AA × Fail

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 74.5269, 80.9672, 82.2213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

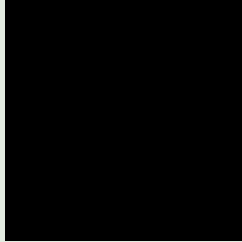
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

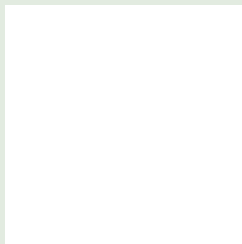
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.5269, 80.9672, 82.2213

Background



This preview shows how black text looks on a background with the XYZ color 74.5269, 80.9672, 82.2213.

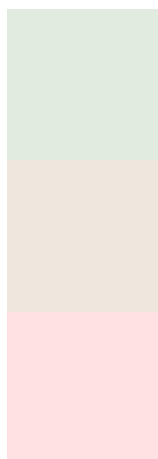


This preview shows how white text looks on a background with the XYZ color 74.5269, 80.9672,

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

74.5269, 80.9672, 82.2213

Protanopia

77.3573, 80.7765, 80.6215

Deuteranopia

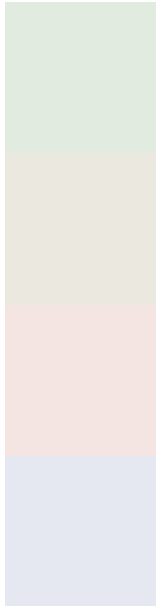
82.0303, 80.6565, 83.9178



Tritanopia

78.3079, 80.8144, 101.0940

Trichromacy



Original Color

74.5269, 80.9672, 82.2213

Protanomaly

76.1076, 80.5334, 81.3452

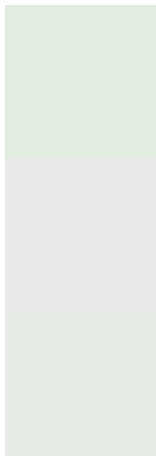
Deuteranomaly

79.0550, 80.7627, 83.3736

Tritanomaly

76.8979, 80.6625, 93.9545

Monochromacy



Original Color

74.5269, 80.9672, 82.2213

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 74.5269, 80.9672, 82.2213 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, 224) looks like.

```
.text, #text, p{  
    color:rgb(226, 235, 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(226, 235, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 235, 224) }
```

Border

The CSS property to change the border of an element to XYZ 74.5269, 80.9672, 82.2213 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, 224) }
```


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

```
.border{ border-color:rgb(226, 235, 224) }
```

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, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 235, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 235, 224);  
box-shadow:4px 4px 4px 4px rgb(226, 235,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 74.5269, 80.9672, 82.2213 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, 224) }
```

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

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