

Converting Colors

XYZ(74.8457, 82.6779, 82.0503)

Have a look what the booklet for
XYZ(74.8457, 82.6779, 82.0503)
contains.

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Color

**XYZ(74.9263, 82.9080,
81.8658)**

Conversions

Conversions Part 1

Format	Color
Hex	E0EFDf
RGB	224, 239, 223
RGB Percent	88%, 94%, 87%
CMY	0.1216, 0.0627, 0.1255
CMYK	0.06, 0.00, 0.07, 0.06
HSL	116°, 33%, 91%
HSV	116°, 7%, 94%
XYZ	74.9263, 82.9080, 81.8658
YIQ	232.6910, -3.8040, -8.1560

Conversions

Conversions Part 2

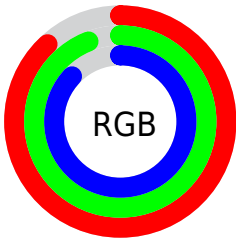
Format	Color
R_{YB}	223, 239, 238
Decimal	14741471
CIE Lab	92.97, -7.83, 6.02
CIE LCh	93, 9.879, 142.428
Yxy	82.9080, 0.3126, 0.3459
Android (android.graphics.Color)	4292931551 (0xFFE0EFDf)
YUV	232.6910, -4.7777, -7.6220
Hunter-Lab	91.0538, -12.4603, 10.4305

Details

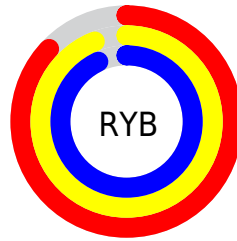
The XYZ color **74.9263, 82.9080, 81.8658** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **77.2306, 77.1867, 92.4936**, and the grayscale version is **77.2586, 81.2821, 88.5162**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.3636, 45.1291, 43.6292** is the 20% darker color. If you saturate the color by 10%, you get **65.4362, 78.3645, 65.7714**, and if you desaturate by 10%, it is **85.7911, 88.1124, 100.4023**.

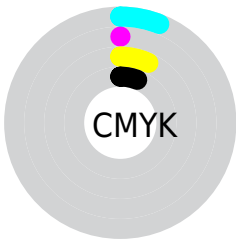
Distribution



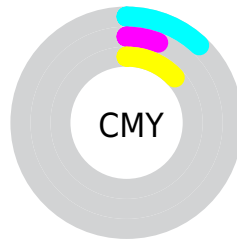
- Red (88%)
- Green (94%)
- Blue (87%)



- Red (87%)
- Yellow (94%)
- Blue (93%)



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



- Cyan (12%)
- Magenta (6%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.9263, 82.9080, 81.8658 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 74.9263, 82.9080, 81.8658 by changing the saturation by 10% instead.

74.9263, 82.9080,
81.8658

74.9263, 82.9080,
81.8658

466.6653,
504.6799, 521.0703

55.8465, 62.1143,
60.7198

125.1965,
137.4466, 137.8208

40.3164, 45.1250,
43.5700

157.1176,
171.9602, 173.4668

27.9706, 31.5559,
29.9979

194.0498,
211.8160, 214.7832

18.4438, 21.0225,
19.5849

236.3585,
257.3982, 262.1886

11.3707, 13.1405,
11.9126

284.4090,
309.0913, 316.1015

6.3859, 7.5253,
6.5624

338.5668,

3.1240, 3.7928,

367.2797, 376.9403

3.1157

399.1971,
432.3477, 445.1238

■ 1.2197, 1.5583,
1.1540

■ 0.1218, 0.3293,
0.0000

■ 74.9263, 82.9080,
81.8658

■ 74.9263, 82.9080,
81.8658

■ 65.4362, 78.3645,
65.7714

■ 85.7911, 88.1124,
100.4023

■ 57.2595, 74.4453,
52.0123

■ 90.1581, 90.2162,
107.2694

■ 50.3402, 71.1263,
40.4816

■ 44.6161, 68.3780,
31.0622

■ 40.0192, 66.1680,
23.6262

■ 36.4749, 64.4611,
18.0317

■ 33.8997, 63.2174,
14.1182

■ 32.1971, 62.3915,
11.6979

■ 31.2497, 61.9279,
10.5330

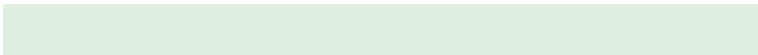
Harmonies

Analogous

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



76.9199, 82.9080, 77.7402



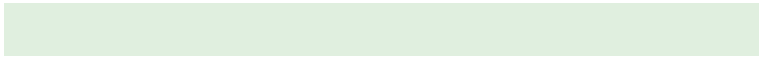
74.9263, 82.9080, 81.8658



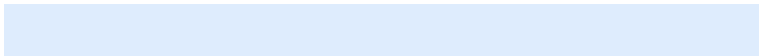
73.9751, 82.9080, 88.4094

Triad

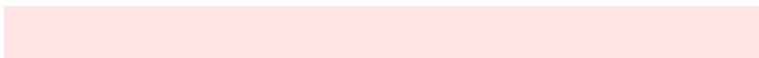
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.9263, 82.9080, 81.8658



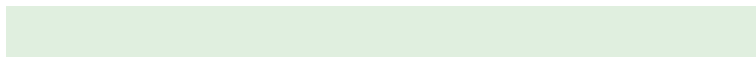
78.1482, 82.9080, 105.1359



83.4872, 82.9080, 84.9485

Complementary

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



74.9263, 82.9080, 81.8658



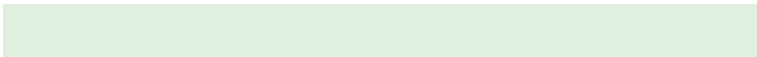
77.2306, 77.1867, 92.4936

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.



83.8335, 82.9080, 92.1621



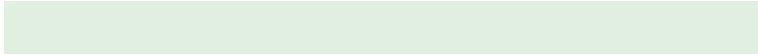
74.9263, 82.9080, 81.8658



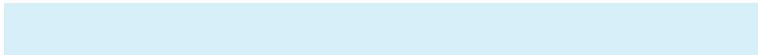
80.7137, 82.9080, 104.0846

Square

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



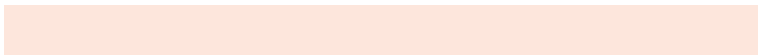
74.9263, 82.9080, 81.8658



75.8087, 82.9080, 102.0351



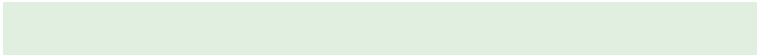
82.8082, 82.9080, 99.2363



81.8722, 82.9080, 79.4509

Rectangle

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



74.9263, 82.9080, 81.8658



74.0453, 82.9080, 93.3719



82.8082, 82.9080, 99.2363



83.7573, 82.9080, 87.2429

Sweetspot

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



74.9286, 82.9116, 81.8676



92.5024, 98.7803, 104.5514



79.4746, 84.7927, 81.9911



19.8260, 21.1558, 22.4238



0.0000, 0.0000, 0.0000



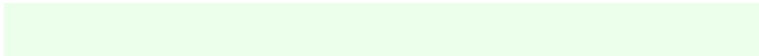
20.3446, 21.4041, 23.3091

Same Dimension

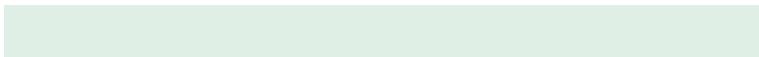
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.9286, 82.9116, 81.8676



85.2481, 95.3065, 92.1975



75.5741, 83.1340, 86.8796



15.6573, 17.7035, 16.7416



17.2019, 34.1894, 5.6926



1.4629, 2.8607, 0.4751

Inverse Universe

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



77.2306, 77.1867, 92.4936



88.4165, 87.4269, 106.8228



76.5621, 76.9581, 87.2156



16.3510, 15.9782, 19.9439



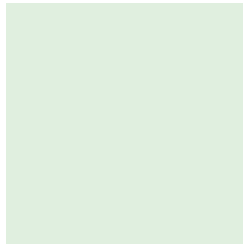
25.6511, 12.2290, 46.1363



2.1632, 1.0324, 3.8395

Previews

White Background



This preview shows how the XYZ color 74.9263, 82.9080, 81.8658 looks on a white background.

Color Contrast Check

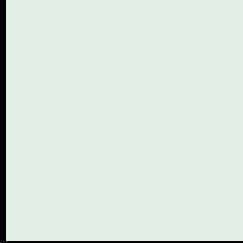
Large Text (above 18pt) WCAG AA × Fail

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 74.9263, 82.9080, 81.8658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

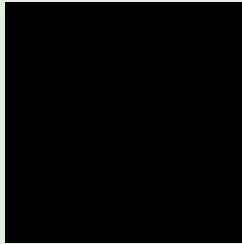
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

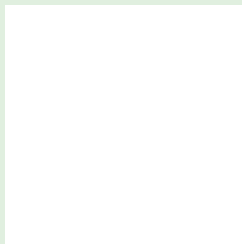
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.9263, 82.9080, 81.8658

Background



This preview shows how black text looks on a background with the XYZ color 74.9263, 82.9080, 81.8658.



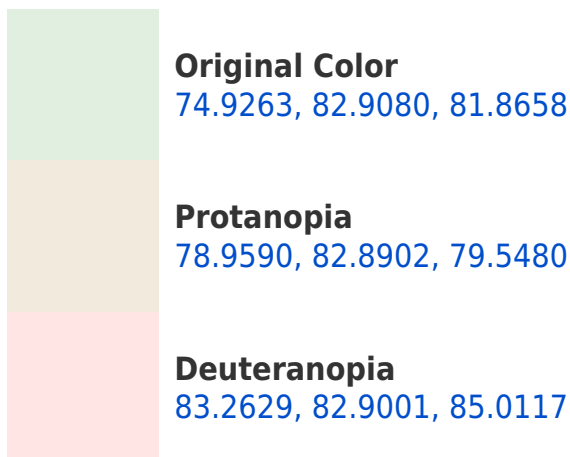
This preview shows how white text looks on a background with the XYZ color 74.9263, 82.9080,

81.8658.

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

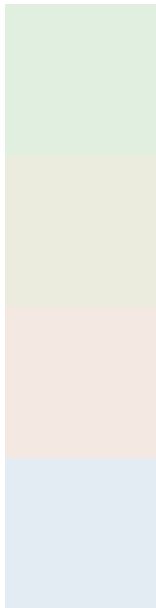




Tritanopia

79.7511, 83.1665, 104.7779

Trichromacy



Original Color

74.9263, 82.9080, 81.8658

Protanomaly

77.3075, 82.8735, 80.3283

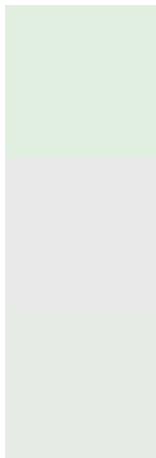
Deuteranomaly

80.1746, 83.0019, 83.7468

Tritanomaly

77.7010, 82.7326, 95.8781

Monochromacy



Original Color

74.9263, 82.9080, 81.8658

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

76.4843, 81.8968, 85.9052

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.9263, 82.9080, 81.8658 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(224, 239, 223)` looks like.

```
.text, #text, p{  
    color:rgb(224, 239, 223)  
}
```

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(224, 239, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 239, 223) }
```

Border

The CSS property to change the border of an element to XYZ 74.9263, 82.9080, 81.8658 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(224, 239, 223) }
```


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

```
.border{ border-color:rgb(224, 239, 223) }
```

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

Here you see how a box with a 4 pixel rgb(224, 239, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 239, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 239, 223);  
box-shadow:4px 4px 4px 4px rgb(224, 239,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 74.9263, 82.9080, 81.8658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 239, 223) }
```

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

```
.background{ background-color: rgb(224,  
239, 223) }
```

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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