

Converting Colors

XYZ(74.9275, 81.9654, 81.9157)

Have a look what the booklet for
XYZ(74.9275, 81.9654, 81.9157)
contains.

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Color

**XYZ(74.9675, 82.0648,
81.7009)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E2EDDF |
| RGB | 226, 237, 223 |
| RGB Percent | 89%, 93%, 87% |
| CMY | 0.1137, 0.0706, 0.1255 |
| CMYK | 0.05, 0.00, 0.06, 0.07 |
| HSL | 107°, 28%, 90% |
| HSV | 107°, 6%, 93% |
| XYZ | 74.9675, 82.0648, 81.7009 |
| YIQ | 232.1150, -2.0620, -6.6860 |

Conversions

Conversions Part 2

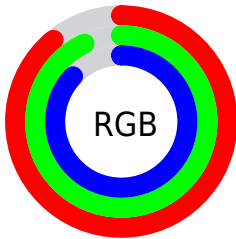
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 223, 237, 234 |
| Decimal | 14872031 |
| CIE Lab | 92.60, -6.15, 5.51 |
| CIE LCh | 93, 8.253, 138.146 |
| Yxy | 82.0648, 0.3140, 0.3438 |
| Android (android.graphics.Color) | 4293062111 (0xFFE2EDDF) |
| YUV | 232.1150, -4.4937, -5.3629 |
| Hunter-Lab | 90.5896, -10.8141, 9.9403 |

Details

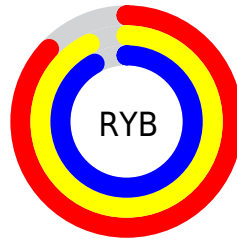
The XYZ color **74.9675, 82.0648, 81.7009** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.6085, 76.3844, 90.8836**, and the grayscale version is **76.8235, 80.8243, 88.0176**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.3863, 44.5328, 43.5129** is the 20% darker color. If you saturate the color by 10%, you get **66.4674, 78.0290, 65.7742**, and if you desaturate by 10%, it is **84.5538, 86.6137, 100.0166**.

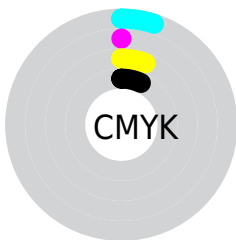
Distribution



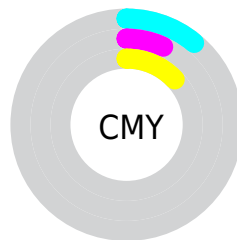
- Red (89%)
- Green (93%)
- Blue (87%)



- Red (87%)
- Yellow (93%)
- Blue (92%)



- Cyan (5%)
- Magenta (0%)
- Yellow (6%)
- Black (7%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.9675, 82.0648, 81.7009 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 74.9675, 82.0648, 81.7009 by changing the saturation by 10% instead.

■ 74.9675, 82.0648,
81.7009

■ 74.9675, 82.0648,
81.7009

466.8048,
501.8644, 520.5038

■ 55.8803, 61.4189,
60.5846

125.2545,
136.2649, 137.5874

■ 40.3436, 44.5634,
43.4617

157.1851,
170.5879, 173.1947

■ 27.9920, 31.1136,
29.9134

194.1275,
210.2387, 214.4695

■ 18.4600, 20.6854,
19.5214

236.4471,
255.6018, 261.8302

■ 11.3824, 12.8942,
11.8670

284.5093,
307.0615, 315.6955

■ 6.3939, 7.3558,
6.5318

338.6794,

■ 3.1289, 3.6856,

365.0023, 376.4838

3.0971

399.3228,
429.8084, 444.6138

■ 1.2223, 1.4993,
1.1444

■ 0.1239, 0.2882,
0.0000

■ 74.9675, 82.0648,
81.7009

■ 74.9675, 82.0648,
81.7009

■ 66.4674, 78.0290,
65.7742

■ 84.5538, 86.6137,
100.0166

■ 59.0082, 74.4778,
52.1330

■ 89.5758, 89.0515,
107.0753

■ 52.5509, 71.3959,
40.6739

■ 47.0521, 68.7633,
31.2837

■ 42.4644, 66.5583,
23.8389

■ 38.7367, 64.7575,
18.2028

■ 35.8125, 63.3350,
14.2211

■ 33.6275, 62.2619,
11.7136

■ 32.1065, 61.5040,
10.4577

Harmonies

Analogous

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



76.7224, 82.0648, 78.5910



74.9675, 82.0648, 81.7009



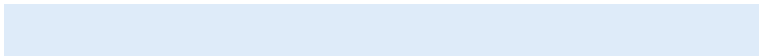
74.0320, 82.0648, 86.9495

Triad

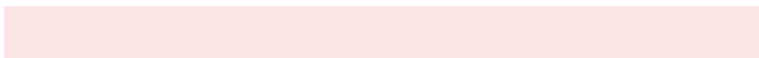
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.9675, 82.0648, 81.7009



77.1558, 82.0648, 101.4235



81.9864, 82.0648, 85.7253

Complementary

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



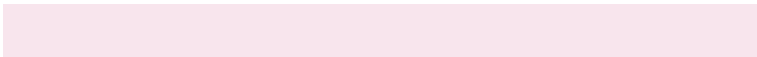
74.9675, 82.0648, 81.7009



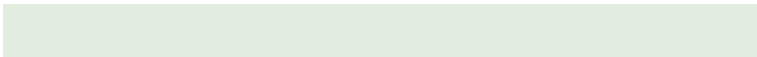
75.6085, 76.3844, 90.8836

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.



82.1076, 82.0648, 91.8036



74.9675, 82.0648, 81.7009



79.2920, 82.0648, 101.0587

Square

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



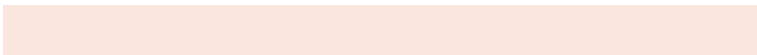
74.9675, 82.0648, 81.7009



75.2798, 82.0648, 98.4470



81.1135, 82.0648, 97.4720



80.7852, 82.0648, 80.8401

Rectangle

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



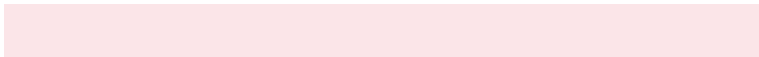
74.9675, 82.0648, 81.7009



73.9872, 82.0648, 91.0392



81.1135, 82.0648, 97.4720



82.1556, 82.0648, 87.6909

Sweetspot

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



74.9698, 82.0683, 81.7027



92.7806, 98.9237, 104.5644



77.6610, 82.1626, 81.5790



19.8827, 21.1850, 22.4265



0.0000, 0.0000, 0.0000



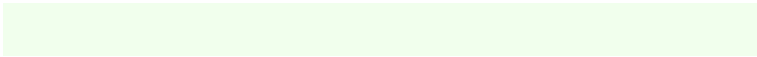
20.3446, 21.4041, 23.3091

Same Dimension

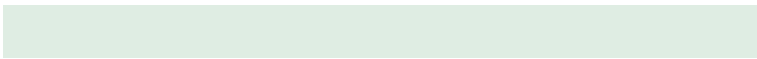
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.9698, 82.0683, 81.7027



87.3347, 96.3393, 94.2280



74.5786, 81.8041, 84.5100



15.5198, 17.1838, 16.6627



17.3626, 33.4952, 5.5501



1.4426, 2.6710, 0.4395

Inverse Universe

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



75.6085, 76.3844, 90.8836



88.2248, 88.4173, 107.0240



76.0284, 76.6671, 87.9101



15.6907, 15.6634, 19.1186



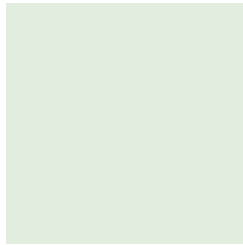
19.5467, 9.1126, 44.4717



1.6134, 0.7560, 3.4958

Previews

White Background



This preview shows how the XYZ color 74.9675, 82.0648, 81.7009 looks on a white background.

Color Contrast Check

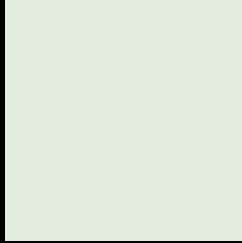
Large Text (above 18pt) WCAG AA × Fail

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 74.9675, 82.0648, 81.7009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

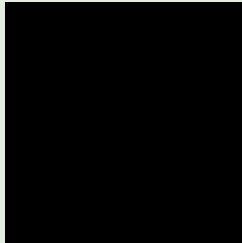
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

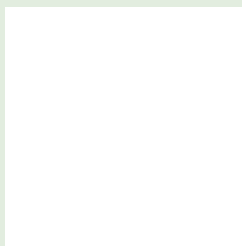
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.9675, 82.0648, 81.7009

Background



This preview shows how black text looks on a background with the XYZ color 74.9675, 82.0648, 81.7009.



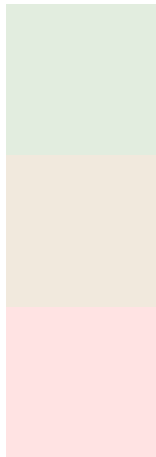
This preview shows how white text looks on a background with the XYZ color 74.9675, 82.0648,

81.7009.

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

74.9675, 82.0648, 81.7009

Protanopia

78.4657, 82.1991, 80.1370

Deuteranopia

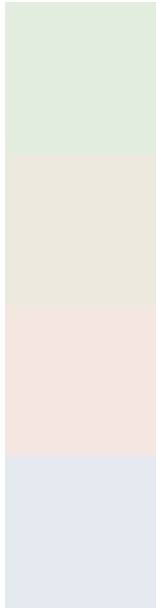
82.5742, 81.7442, 84.0991



Tritanopia

79.1846, 82.0659, 102.9336

Trichromacy



Original Color

74.9675, 82.0648, 81.7009

Protanomaly

77.1997, 81.9524, 80.8568

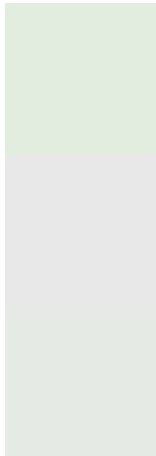
Deuteranomaly

79.6116, 81.8759, 83.5592

Tritanomaly

77.6131, 81.8545, 94.9279

Monochromacy



Original Color

74.9675, 82.0648, 81.7009

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

76.1988, 81.3258, 85.8101

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.9675, 82.0648, 81.7009 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, 237, 223) looks like.

```
.text, #text, p{  
    color:rgb(226, 237, 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(226, 237, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 237, 223) }
```

Border

The CSS property to change the border of an element to XYZ 74.9675, 82.0648, 81.7009 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, 237, 223) }
```


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

```
.border{ border-color:rgb(226, 237, 223) }
```

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

Here you see how a box with a 4 pixel rgb(226, 237, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 237, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 237, 223);  
box-shadow:4px 4px 4px 4px rgb(226, 237,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 74.9675, 82.0648, 81.7009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 237, 223) }
```

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

```
.background{ background-color: rgb(226,  
237, 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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