

Converting Colors

XYZ(74.5847, 81.7461, 81.1712)

Have a look what the booklet for
XYZ(74.5847, 81.7461, 81.1712)
contains.

XYZ(74.5203, 81.8499, 80.9782)	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(74.5203, 81.8499,
80.9782)**

Conversions

Conversions Part 1

Format	Color
Hex	E1EDDE
RGB	225, 237, 222
RGB Percent	88%, 93%, 87%
CMY	0.1176, 0.0706, 0.1294
CMYK	0.05, 0.00, 0.06, 0.07
HSL	108°, 29%, 90%
HSV	108°, 6%, 93%
XYZ	74.5203, 81.8499, 80.9782
YIQ	231.7020, -2.3370, -7.2090

Conversions

Conversions Part 2

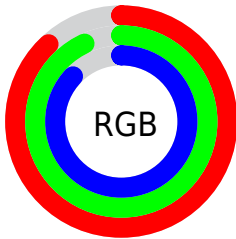
Format	Color
R _Y B	222, 237, 234
Decimal	14806494
CIE Lab	92.51, -6.66, 5.88
CIE LCh	93, 8.884, 138.551
Yxy	81.8499, 0.3140, 0.3449
Android (android.graphics.Color)	4292996574 (0xFFE1EDDE)
YUV	231.7020, -4.7831, -5.8777
Hunter-Lab	90.4709, -11.2949, 10.2607

Details

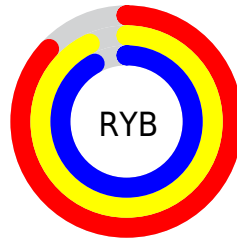
The XYZ color **74.5203, 81.8499, 80.9782** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.3424, 75.8517, 90.7950**, and the grayscale version is **76.5168, 80.5016, 87.6663**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0765, 44.3838, 43.0139** is the 20% darker color. If you saturate the color by 10%, you get **65.9780, 77.7901, 65.1460**, and if you desaturate by 10%, it is **84.1704, 86.4338, 99.1965**.

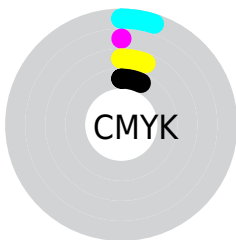
Distribution



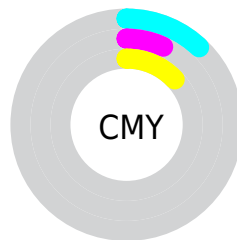
- Red (88%)
- Green (93%)
- Blue (87%)



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



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



- Cyan (12%)
- Magenta (7%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.5203, 81.8499, 80.9782 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 74.5203, 81.8499, 80.9782 by changing the saturation by 10% instead.

74.5203, 81.8499,
80.9782

74.5203, 81.8499,
80.9782

465.2898,
501.1455, 518.0168

55.5128, 61.2418,
59.9928

124.6246,
135.9635, 136.5640

40.0479, 44.4204,
42.9875

156.4522,
170.2378, 172.0013

27.7603, 31.0011,
29.5440

193.2837,
209.8363, 213.0931

18.2845, 20.5997,
19.2436

235.4847,
255.1434, 260.2578

11.2554, 12.8317,
11.6679

283.4205,
306.5434, 313.9140

6.3074, 7.3128,
6.3982

337.4563,

3.0753, 3.6585,

364.4209, 374.4802

3.0160

397.9576,
429.1601, 442.3749

■ 1.1937, 1.4844,
1.1028

■ 0.1014, 0.2777,
0.0000

■ 74.5203, 81.8499,
80.9782

■ 74.5203, 81.8499,
80.9782

■ 65.9780, 77.7901,
65.1460

■ 84.1704, 86.4338,
99.1965

■ 58.4966, 74.2255,
51.5959

■ 89.5758, 89.0517,
107.0753

■ 52.0362, 71.1400,
40.2244

■ 46.5515, 68.5129,
30.9177

■ 41.9939, 66.3217,
23.5517

■ 38.3103, 64.5420,
17.9891

■ 35.4420, 63.1470,
14.0745

■ 33.3224, 62.1063,
11.6264

■ 31.8730, 61.3844,
10.4182

Harmonies

Analogous

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



76.3941, 81.8499, 77.6185



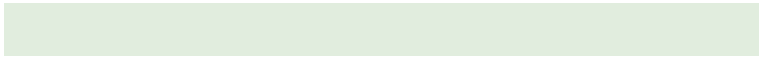
74.5203, 81.8499, 80.9782



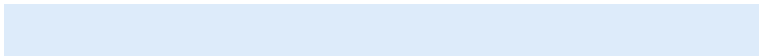
73.5316, 81.8499, 86.6243

Triad

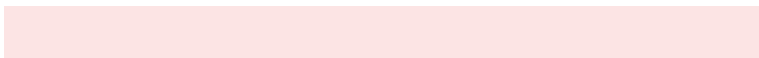
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.5203, 81.8499, 80.9782



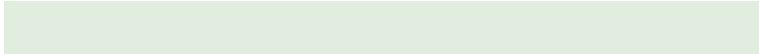
76.9193, 81.8499, 102.1515



82.0746, 81.8499, 85.1423

Complementary

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



74.5203, 81.8499, 80.9782



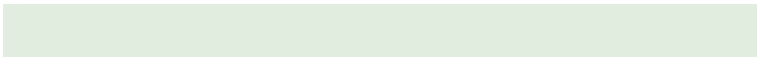
75.3424, 75.8517, 90.7950

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.



82.2219, 81.8499, 91.6645



74.5203, 81.8499, 80.9782



79.2147, 81.8499, 101.7064

Square

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



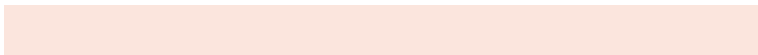
74.5203, 81.8499, 80.9782



74.8982, 81.8499, 98.9792



81.1661, 81.8499, 97.7914



80.7673, 81.8499, 79.9395

Rectangle

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



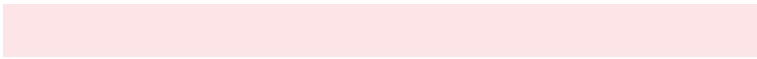
74.5203, 81.8499, 80.9782



73.4941, 81.8499, 91.0217



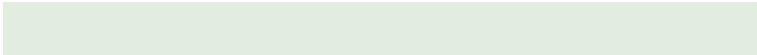
81.1661, 81.8499, 97.7914



82.2623, 81.8499, 87.2462

Sweetspot

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



74.5226, 81.8534, 80.9800



92.7543, 98.9101, 104.5632



77.5362, 82.1279, 80.8741



19.8773, 21.1823, 22.4262



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

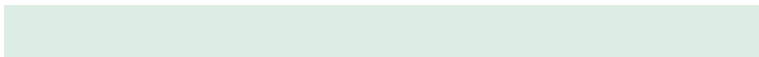
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.5226, 81.8534, 80.9800



86.1857, 95.7898, 92.2414



74.2072, 81.6202, 84.1570



15.1495, 17.0071, 16.0030



17.2684, 33.4466, 5.5457



1.4325, 2.6658, 0.4391

Inverse Universe

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



75.3424, 75.8517, 90.7950



87.3995, 86.9026, 106.7752



75.6860, 76.1039, 87.4206



15.4027, 15.1529, 19.0352



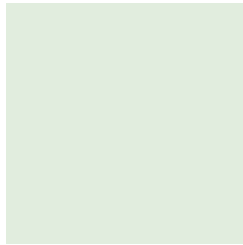
19.9974, 9.3450, 44.4927



1.6451, 0.7724, 3.4973

Previews

White Background



This preview shows how the XYZ color 74.5203, 81.8499, 80.9782 looks on a white background.

Color Contrast Check

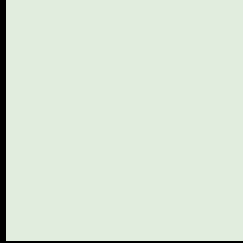
Large Text (above 18pt) WCAG AA × Fail

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 74.5203, 81.8499, 80.9782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

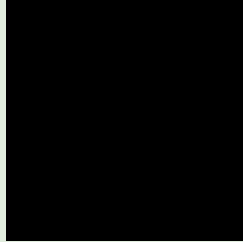
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

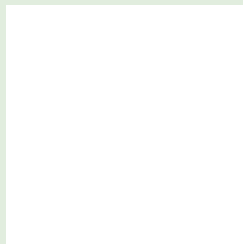
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.5203, 81.8499, 80.9782

Background



This preview shows how black text looks on a background with the XYZ color 74.5203, 81.8499, 80.9782.



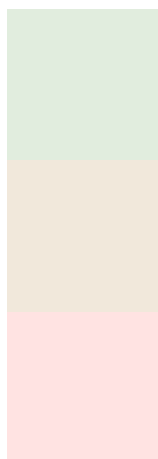
This preview shows how white text looks on a background with the XYZ color 74.5203, 81.8499,

80.9782.

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

74.5203, 81.8499, 80.9782

Protanopia

77.9184, 81.5285, 78.6477

Deuteranopia

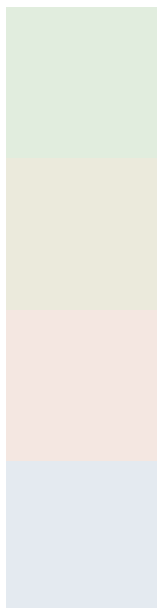
82.4366, 81.6892, 83.3742



Tritanopia

79.1846, 82.0659, 102.9336

Trichromacy



Original Color

74.5203, 81.8499, 80.9782

Protanomaly

76.6020, 81.6751, 79.4377

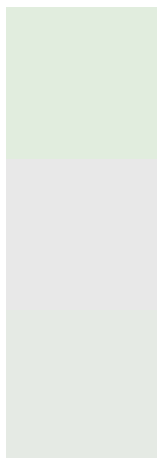
Deuteranomaly

79.4747, 81.8212, 82.8385

Tritanomaly

77.1459, 81.6309, 94.1284

Monochromacy



Original Color

74.5203, 81.8499, 80.9782

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

75.7395, 81.1051, 85.0617

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.5203, 81.8499, 80.9782 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(225, 237, 222) looks like.

```
.text, #text, p{  
    color:rgb(225, 237, 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(225, 237, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 237, 222) }
```

Border

The CSS property to change the border of an element to XYZ 74.5203, 81.8499, 80.9782 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(225, 237, 222) }
```


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

```
.border{ border-color:rgb(225, 237, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 237, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 237, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 237, 222);  
box-shadow:4px 4px 4px 4px rgb(225, 237,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 74.5203, 81.8499, 80.9782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 237, 222) }
```

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

```
.background{ background-color: rgb(225,  
237, 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](#).

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