

Converting Colors

XYZ(75.5863, 82.2440, 81.2437)

Have a look what the booklet for
XYZ(75.5863, 82.2440, 81.2437)
contains.

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Color

**XYZ(75.7821, 82.5003,
81.0373)**

Conversions

Conversions Part 1

Format	Color
Hex	E5EDDE
RGB	229, 237, 222
RGB Percent	90%, 93%, 87%
CMY	0.1020, 0.0706, 0.1294
CMYK	0.03, 0.00, 0.06, 0.07
HSL	92°, 29%, 90%
HSV	92°, 6%, 93%
XYZ	75.7821, 82.5003, 81.0373
YIQ	232.8980, 0.0470, -6.3610

Conversions

Conversions Part 2

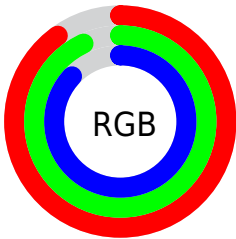
Format	Color
RYB	222, 237, 230
Decimal	15068638
CIELab	92.80, -5.31, 6.33
CIELCh	93, 8.261, 129.971
Yxy	82.5003, 0.3167, 0.3447
Android (android.graphics.Color)	4293258718 (0xFFE5EDDE)
YUV	232.8980, -5.3727, -3.4185
Hunter-Lab	90.8297, -10.0237, 10.6828

Details

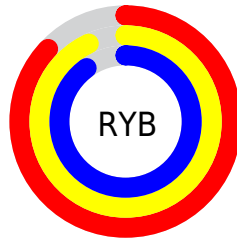
The XYZ color **75.7821, 82.5003, 81.0373** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **74.0437, 75.1823, 90.7341**, and the grayscale version is **77.4165, 81.4482, 88.6970**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.9545, 44.8364, 43.0550** is the 20% darker color. If you saturate the color by 10%, you get **68.9383, 79.3162, 65.2846**, and if you desaturate by 10%, it is **83.3710, 86.0217, 99.1592**.

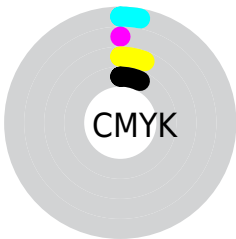
Distribution



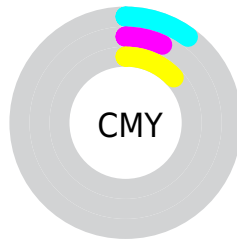
- Red (90%)
- Green (93%)
- Blue (87%)



- Red (87%)
- Yellow (93%)
- Blue (90%)



- Cyan (3%)
- Magenta (0%)
- Yellow (6%)
- Black (7%)



- Cyan (10%)
- Magenta (7%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.7821, 82.5003, 81.0373 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 75.7821, 82.5003, 81.0373 by changing the saturation by 10% instead.

75.7821, 82.5003,
81.0373

75.7821, 82.5003,
81.0373

469.5573,
503.3196, 518.2204

56.5503, 61.7780,
60.0411

126.4008,
136.8754, 136.6477

40.8830, 44.8533,
43.0263

158.5185,
171.2969, 172.0990

28.4150, 31.3419,
29.5742

195.6621,
211.0537, 213.2058

18.7807, 20.8594,
19.2663

238.1970,
256.5301, 260.3865

11.6150, 13.0212,
11.6841

286.4887,
308.1105, 314.0598

6.5524, 7.4432,
6.4090

340.9024,

3.2276, 3.7408,

366.1793, 374.6442

3.0226

401.8035,
431.1209, 442.5582

■ 1.2753, 1.5296,
1.1062

■ 0.1646, 0.3094,
0.0000

■ 75.7821, 82.5003,
81.0373

■ 75.7821, 82.5003,
81.0373

■ 68.9383, 79.3162,
65.2846

■ 83.3710, 86.0217,
99.1592

■ 62.8079, 76.4480,
51.7977

■ 89.3147, 88.9170,
107.0630

■ 57.3670, 73.8881,
40.4739

■ 89.5758, 89.0516,
107.0753

■ 52.5876, 71.6246,
31.2002

■ 48.4394, 69.6444,
23.8534

■ 44.8893, 67.9336,
18.2970

■ 41.9008, 66.4766,
14.3768

■ 39.4316, 65.2557,
11.9123

■ 37.4309, 64.2495,
10.6783

Harmonies

Analogous

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



77.6988, 82.5003, 78.6401



75.7821, 82.5003, 81.0373



74.5849, 82.5003, 85.8251

Triad

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



75.7821, 82.5003, 81.0373



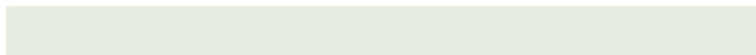
77.0033, 82.5003, 101.4463



82.5665, 82.5003, 87.7896

Complementary

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



75.7821, 82.5003, 81.0373



74.0437, 75.1823, 90.7341

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.



82.3720, 82.5003, 93.9551



75.7821, 82.5003, 81.0373



79.1337, 82.5003, 102.0314

Square

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



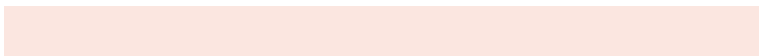
75.7821, 82.5003, 81.0373



75.2810, 82.5003, 97.6702



81.1063, 82.5003, 99.2342



81.6328, 82.5003, 82.4188

Rectangle

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



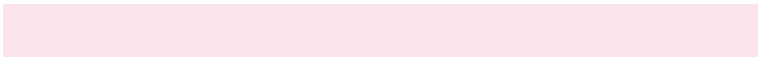
75.7821, 82.5003, 81.0373



74.3428, 82.5003, 89.8227



81.1063, 82.5003, 99.2342



82.6313, 82.5003, 89.8349

Sweetspot

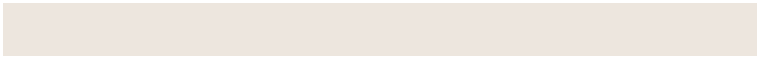
The Sweet Spot groups the original color and five complimentary colors.



75.7844, 82.5039, 81.0391



93.2457, 99.1635, 104.5862



76.4099, 79.8753, 80.4988



19.9774, 21.2339, 22.4309



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.



75.7844, 82.5039, 81.0391



88.0465, 96.7491, 92.3285



73.6628, 81.4024, 81.2903



15.5364, 17.2065, 16.0211



20.2318, 34.9743, 5.6844



1.6988, 2.8031, 0.4515

Inverse Universe

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



74.0437, 75.1823, 90.7341



85.4689, 85.9073, 106.6848



76.2626, 76.3346, 90.4570



14.9986, 14.9445, 19.0163



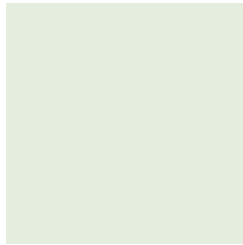
13.2315, 5.8570, 44.1761



1.1499, 0.5171, 3.4741

Previews

White Background



This preview shows how the XYZ color 75.7821, 82.5003, 81.0373 looks on a white background.

Color Contrast Check

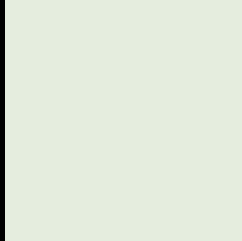
Large Text (above 18pt) WCAG AA × Fail

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 75.7821, 82.5003, 81.0373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

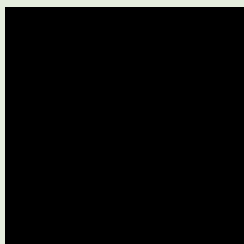
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

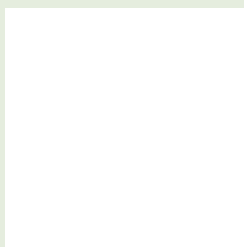
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.7821, 82.5003, 81.0373

Background



This preview shows how black text looks on a background with the XYZ color 75.7821, 82.5003, 81.0373.

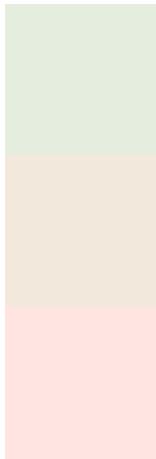


This preview shows how white text looks on a background with the XYZ color 75.7821, 82.5003,

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

75.7821, 82.5003, 81.0373

Protanopia

78.6751, 82.3224, 79.4533

Deuteranopia

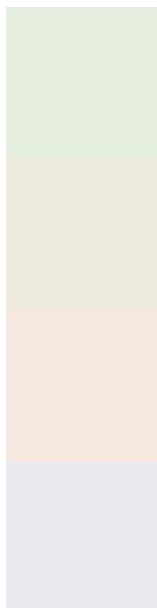
82.7109, 82.2378, 83.4657



Tritanopia

80.1558, 82.5665, 102.9791

Trichromacy



Original Color

75.7821, 82.5003, 81.0373

Protanomaly

77.3990, 82.0706, 80.1685

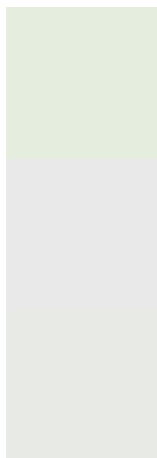
Deuteranomaly

80.1726, 82.1809, 82.8711

Tritanomaly

78.4297, 82.2927, 94.1885

Monochromacy



Original Color

75.7821, 82.5003, 81.0373

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

76.8444, 81.6586, 85.8403

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.7821, 82.5003, 81.0373 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(229, 237, 222) looks like.

```
.text, #text, p{  
    color:rgb(229, 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(229, 237, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 237, 222) }
```

Border

The CSS property to change the border of an element to XYZ 75.7821, 82.5003, 81.0373 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(229, 237, 222) }
```


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

```
.border{ border-color:rgb(229, 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(229, 237, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 237, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 237, 222);  
box-shadow:4px 4px 4px 4px rgb(229, 237,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 75.7821, 82.5003, 81.0373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 237, 222) }
```

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

```
.background{ background-color: rgb(229,  
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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