

Converting Colors

XYZ(75.0626, 81.7759, 81.2100)

Have a look what the booklet for
XYZ(75.0626, 81.7759, 81.2100)
contains.

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Color

**XYZ(74.8588, 81.5957,
80.9113)**

Conversions

Conversions Part 1

Format	Color
Hex	E3ECDE
RGB	227, 236, 222
RGB Percent	89%, 93%, 87%
CMY	0.1098, 0.0745, 0.1294
CMYK	0.04, 0.00, 0.06, 0.07
HSL	99°, 27%, 90%
HSV	99°, 6%, 93%
XYZ	74.8588, 81.5957, 80.9113
YIQ	231.7130, -0.8700, -6.2620

Conversions

Conversions Part 2

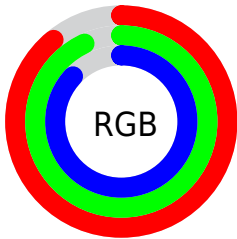
Format	Color
RYB	222, 236, 231
Decimal	14937310
CIELab	92.40, -5.48, 5.74
CIELCh	92, 7.931, 133.674
Yxy	81.5957, 0.3154, 0.3438
Android (android.graphics.Color)	4293127390 (0xFFE3ECDE)
YUV	231.7130, -4.7885, -4.1333
Hunter-Lab	90.3303, -10.1511, 10.1236

Details

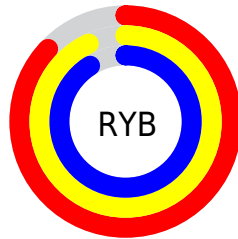
The XYZ color **74.8588, 81.5957, 80.9113** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **74.2198, 75.2898, 89.9817**, and the grayscale version is **76.5242, 80.5095, 87.6748**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.3096, 44.2032, 42.9667** is the 20% darker color. If you saturate the color by 10%, you get **67.3379, 78.0611, 65.1872**, and if you desaturate by 10%, it is **83.2490, 85.5319, 98.9907**.

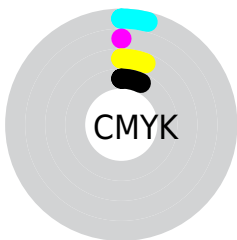
Distribution



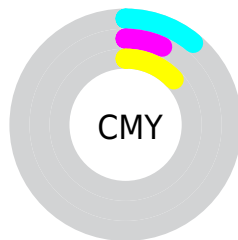
- Red (89%)
- Green (93%)
- Blue (87%)



- Red (87%)
- Yellow (93%)
- Blue (91%)



- Cyan (4%)
- Magenta (0%)
- Yellow (6%)
- Black (7%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.8588, 81.5957, 80.9113 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 74.8588, 81.5957, 80.9113 by changing the saturation by 10% instead.

■ 74.8588, 81.5957,
80.9113

■ 74.8588, 81.5957,
80.9113

466.4368,
500.2943, 517.7862

■ 55.7910, 61.0323,
59.9380

125.1014,
135.6069, 136.4692

■ 40.2717, 44.2513,
42.9437

157.0070,
169.8235, 171.8908

■ 27.9356, 30.8681,
29.5098

193.9225,
209.3600, 212.9656

■ 18.4173, 20.4984,
19.2180

236.2133,
254.6007, 260.1121

■ 11.3515, 12.7579,
11.6495

284.2448,
305.9302, 313.7489

■ 6.3728, 7.2620,
6.3858

338.3823,

■ 3.1159, 3.6265,

363.7326, 374.2945

3.0085

398.9912,
428.3926, 442.1674

■ 1.2153, 1.4669,
1.0990

■ 0.1184, 0.2653,
0.0000

■ 74.8588, 81.5957,
80.9113

■ 74.8588, 81.5957,
80.9113

■ 67.3379, 78.0611,
65.1872

■ 83.2490, 85.5319,
98.9907

■ 60.6502, 74.9048,
51.7163

■ 89.2870, 88.4741,
106.9790

■ 54.7674, 72.1165,
40.3968

■ 49.6564, 69.6818,
31.1169

■ 45.2819, 67.5851,
23.7550

■ 41.6055, 65.8095,
18.1765

■ 38.5847, 64.3364,
14.2291

■ 36.1712, 63.1449,
11.7352

■ 34.3079, 62.2103,
10.4752

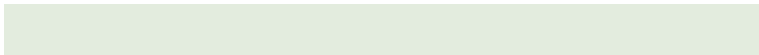
Harmonies

Analogous

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



76.6244, 81.5957, 78.3004



74.8588, 81.5957, 80.9113



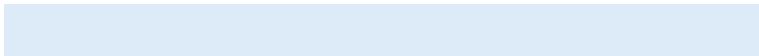
73.8255, 81.5957, 85.7020

Triad

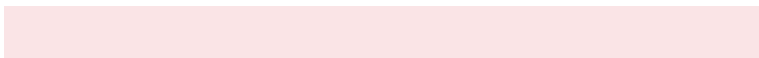
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.8588, 81.5957, 80.9113



76.4493, 81.5957, 100.1468



81.4555, 81.5957, 86.1968

Complementary

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



74.8588, 81.5957, 80.9113



74.2198, 75.2898, 89.9817

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.



81.4066, 81.5957, 92.0616



74.8588, 81.5957, 80.9113



78.4916, 81.5957, 100.2937

Square

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



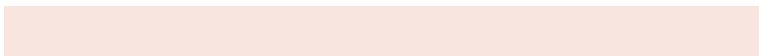
74.8588, 81.5957, 80.9113



74.7326, 81.5957, 96.8858



80.3137, 81.5957, 97.2786



80.4461, 81.5957, 81.2597

Rectangle

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



74.8588, 81.5957, 80.9113



73.6793, 81.5957, 89.5705



80.3137, 81.5957, 97.2786



81.5628, 81.5957, 88.1211

Sweetspot

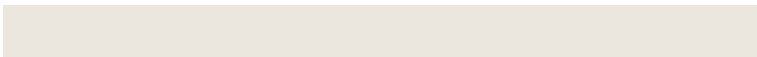
The Sweet Spot groups the original color and five complimentary colors.



74.8611, 81.5992, 80.9131



93.0435, 99.0592, 104.5767



76.3187, 80.1874, 80.5637



19.9362, 21.2126, 22.4290



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

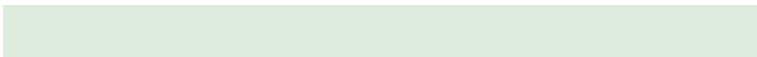
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.8611, 81.5992, 80.9131



88.2108, 96.7910, 94.2690



73.5585, 80.8987, 82.1659



15.6877, 17.2703, 16.6706



18.6901, 34.1796, 5.6123



1.5692, 2.7363, 0.4455

Inverse Universe

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



74.2198, 75.2898, 89.9817



87.3118, 87.9466, 106.9813



75.5868, 76.0257, 88.6367



15.5152, 15.5729, 19.1104



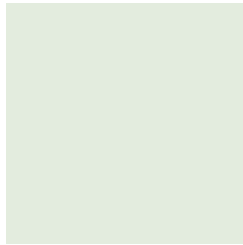
15.6029, 7.0795, 44.2871



1.3293, 0.6096, 3.4825

Previews

White Background



This preview shows how the XYZ color 74.8588, 81.5957, 80.9113 looks on a white background.

Color Contrast Check

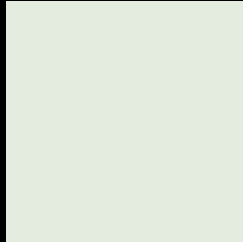
Large Text (above 18pt) WCAG AA × Fail

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 74.8588, 81.5957, 80.9113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

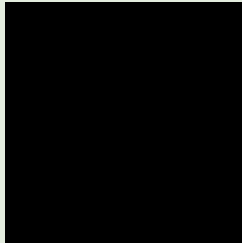
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

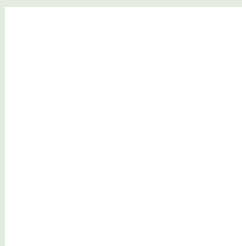
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.8588, 81.5957, 80.9113

Background



This preview shows how black text looks on a background with the XYZ color 74.8588, 81.5957, 80.9113.



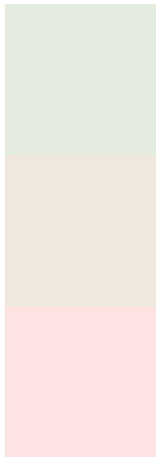
This preview shows how white text looks on a background with the XYZ color 74.8588, 81.5957,

80.9113.

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

74.8588, 81.5957, 80.9113

Protanopia

77.7101, 81.4058, 79.3273

Deuteranopia

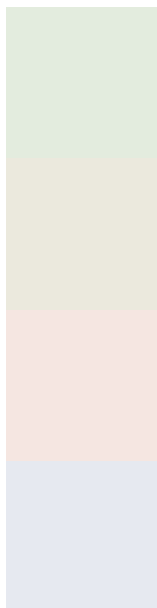
82.1638, 81.1437, 83.2833



Tritanopia

79.0669, 81.6043, 102.0264

Trichromacy



Original Color

74.8588, 81.5957, 80.9113

Protanomaly

76.4510, 81.1605, 80.0427

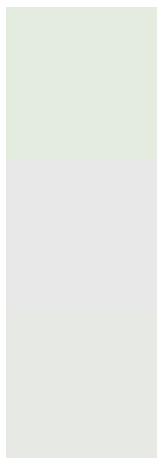
Deuteranomaly

79.5436, 81.4423, 82.7617

Tritanomaly

77.5002, 81.3921, 94.0636

Monochromacy



Original Color

74.8588, 81.5957, 80.9113

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

75.7756, 80.7023, 84.9821

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.8588, 81.5957, 80.9113 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(227, 236, 222) looks like.

```
.text, #text, p{  
    color:rgb(227, 236, 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(227, 236, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 236, 222) }
```

Border

The CSS property to change the border of an element to XYZ 74.8588, 81.5957, 80.9113 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(227, 236, 222) }
```


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

```
.border{ border-color:rgb(227, 236, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 236, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 236, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 236, 222);  
box-shadow:4px 4px 4px 4px rgb(227, 236,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 74.8588, 81.5957, 80.9113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 236, 222) }
```

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

```
.background{ background-color: rgb(227,  
236, 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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