

Converting Colors

XYZ(76.0949, 84.1550, 80.5557)

Have a look what the booklet for
XYZ(76.0949, 84.1550, 80.5557)
contains.

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Color

**XYZ(75.8898, 83.8715,
80.5956)**

Conversions

Conversions Part 1

Format	Color
Hex	E3F0DD
RGB	227, 240, 221
RGB Percent	89%, 94%, 87%
CMY	0.1098, 0.0588, 0.1333
CMYK	0.05, 0.00, 0.08, 0.06
HSL	101°, 39%, 90%
HSV	101°, 8%, 94%
XYZ	75.8898, 83.8715, 80.5956
YIQ	233.9470, -1.6490, -8.6650

Conversions

Conversions Part 2

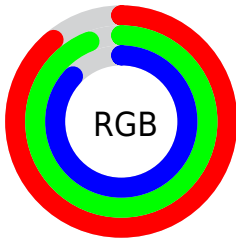
Format	Color
R _Y B	221, 240, 234
Decimal	14938333
CIE Lab	93.39, -7.67, 7.69
CIE LCh	93, 10.865, 134.913
Yxy	83.8715, 0.3157, 0.3489
Android (android.graphics.Color)	4293128413 (0xFFE3F0DD)
YUV	233.9470, -6.3829, -6.0925
Hunter-Lab	91.5814, -12.3517, 11.9292

Details

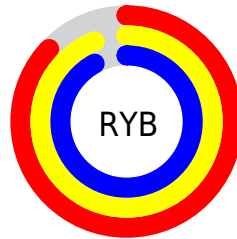
The XYZ color **75.8898, 83.8715, 80.5956** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.5195, 75.4988, 93.0348**, and the grayscale version is **78.2163, 82.2896, 89.6134**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.0367, 45.8048, 42.7547** is the 20% darker color. If you saturate the color by 10%, you get **67.9832, 80.1414, 64.7098**, and if you desaturate by 10%, it is **84.7524, 88.0465, 98.9158**.

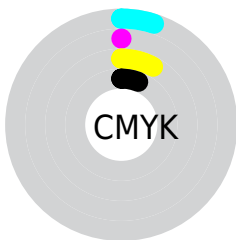
Distribution



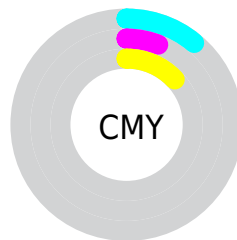
- Red (89%)
- Green (94%)
- Blue (87%)



- Red (87%)
- Yellow (94%)
- Blue (92%)



- Cyan (5%)
- Magenta (0%)
- Yellow (8%)
- Black (6%)





- Cyan (11%)
- Magenta (6%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.8898, 83.8715, 80.5956 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 75.8898, 83.8715, 80.5956 by changing the saturation by 10% instead.


 75.8898, 83.8715,
80.5956

 75.8898, 83.8715,
80.5956

469.9206,
507.8864, 516.6974

 56.6389, 62.9094,
59.6795


126.5523,
138.7954, 136.0217

 40.9544, 45.7679,
42.7368


158.6946,
173.5260, 171.3689

 28.4710, 32.0627,
29.3488

195.8648,
213.6148, 212.3635

 18.8232, 21.4094,
19.0970

238.4281,
259.4462, 259.4242

 11.6459, 13.4236,
11.5629

286.7500,
311.4047, 312.9693

 6.5735, 7.7209,
6.3279

341.1958,

 3.2408, 3.9169,

369.8747, 373.4175

2.9734

402.1309,
435.2404, 441.1874

■ 1.2823, 1.6272,
1.0811

■ 0.1699, 0.3758,
0.0000

■ 75.8898, 83.8715,
80.5956

■ 75.8898, 83.8715,
80.5956

■ 67.9832, 80.1414,
64.7098

■ 84.7524, 88.0465,
98.9158

■ 60.9925, 76.8304,
51.1506

■ 90.4517, 90.8034,
107.3672

■ 54.8851, 73.9266,
39.8103

■ 49.6235, 71.4132,
30.5706

■ 45.1674, 69.2723,
23.3020

■ 41.4729, 67.4843,
17.8608

■ 38.4913, 66.0277,
14.0838

■ 36.1669, 64.8781,
11.7788

■ 34.4295, 64.0049,
10.6830

Harmonies

Analogous

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



78.3076, 83.8715, 76.9052



75.8898, 83.8715, 80.5956



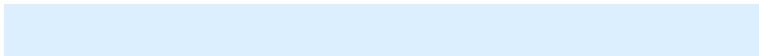
74.5144, 83.8715, 87.2755

Triad

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



75.8898, 83.8715, 80.5956



78.2917, 83.8715, 107.4223



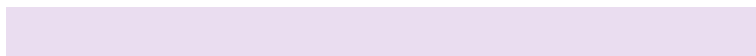
85.1615, 83.8715, 87.3203

Complementary

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



75.8898, 83.8715, 80.5956



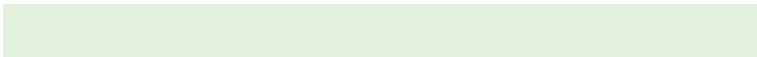
75.5195, 75.4988, 93.0348

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.



85.1570, 83.8715, 95.4913



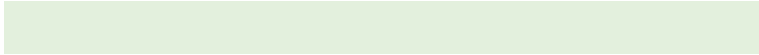
75.8898, 83.8715, 80.5956



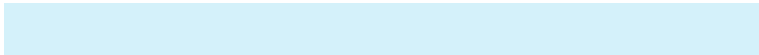
81.1439, 83.8715, 107.4360

Square

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



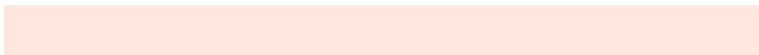
75.8898, 83.8715, 80.5956



75.8784, 83.8715, 102.9232



83.6715, 83.8715, 102.9598



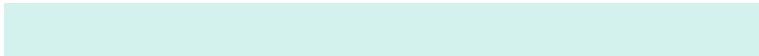
83.6837, 83.8715, 80.6267

Rectangle

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



75.8898, 83.8715, 80.5956



74.3523, 83.8715, 92.6801



83.6715, 83.8715, 102.9598



85.3344, 83.8715, 89.9769

Sweetspot

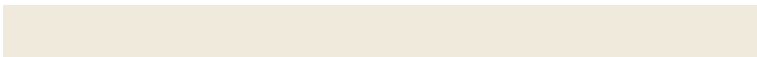
The Sweet Spot groups the original color and five complimentary colors.



75.8921, 83.8751, 80.5974



92.9673, 99.0200, 104.5731



78.4077, 82.5854, 80.2159



19.9207, 21.2046, 22.4283



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

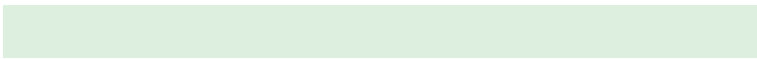
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.8921, 83.8751, 80.5974



85.0820, 95.3046, 88.4066



74.5016, 83.1041, 82.9810



16.0355, 17.8985, 16.7593



18.8004, 35.0135, 5.7674



1.6631, 2.9639, 0.4844

Inverse Universe

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



75.5195, 75.4988, 93.0348



84.5478, 83.3007, 106.2302



77.0102, 76.3266, 90.4283



15.9407, 15.7666, 19.9247



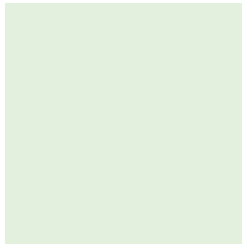
17.1603, 7.8519, 45.7390



1.5300, 0.7060, 3.8098

Previews

White Background



This preview shows how the XYZ color 75.8898, 83.8715, 80.5956 looks on a white background.

Color Contrast Check

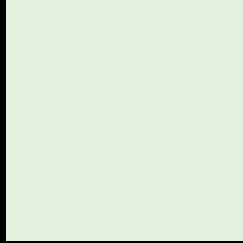
Large Text (above 18pt) WCAG AA × Fail

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 75.8898, 83.8715, 80.5956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

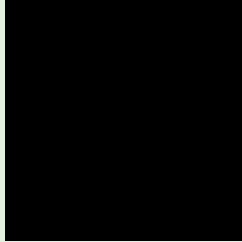
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

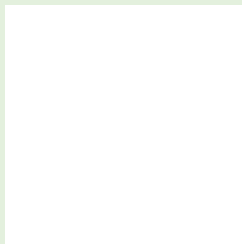
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.8898, 83.8715, 80.5956

Background



This preview shows how black text looks on a background with the XYZ color 75.8898, 83.8715, 80.5956.

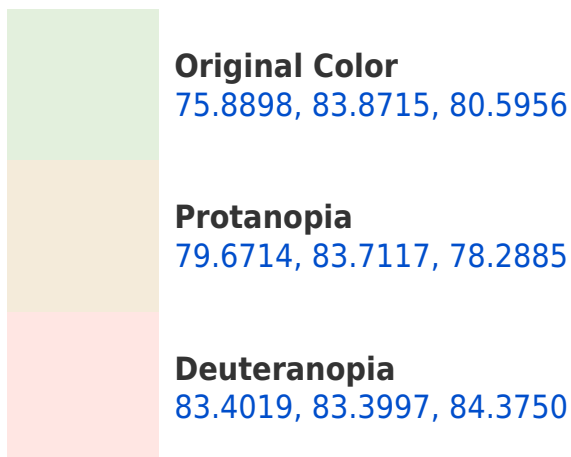


This preview shows how white text looks on a background with the XYZ color 75.8898, 83.8715,

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

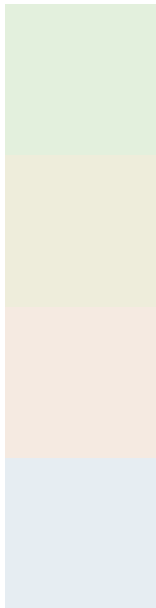




Tritanopia

80.8764, 83.7282, 105.6644

Trichromacy



Original Color

75.8898, 83.8715, 80.5956

Protanomaly

78.3303, 83.8600, 79.0760

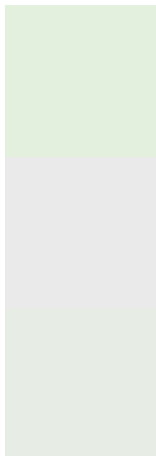
Deuteranomaly

80.6696, 83.6944, 83.1370

Tritanomaly

78.9443, 83.8022, 96.0190

Monochromacy



Original Color

75.8898, 83.8715, 80.5956

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

77.0933, 82.6370, 86.0160

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.8898, 83.8715, 80.5956 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, 240, 221) looks like.

```
.text, #text, p{  
    color:rgb(227, 240, 221)  
}
```

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, 240, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 240, 221) }
```

Border

The CSS property to change the border of an element to XYZ 75.8898, 83.8715, 80.5956 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, 240, 221) }
```


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

```
.border{ border-color:rgb(227, 240, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 240, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 240, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 240, 221);  
box-shadow:4px 4px 4px 4px rgb(227, 240,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 75.8898, 83.8715, 80.5956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 240, 221) }
```

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

```
.background{ background-color: rgb(227,  
240, 221) }
```

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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