

Converting Colors

XYZ(76.0865, 84.9000, 78.7152)

Have a look what the booklet for
XYZ(76.0865, 84.9000, 78.7152)
contains.

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Color

**XYZ(76.0856, 84.8971,
78.7063)**

Conversions

Conversions Part 1

Format	Color
Hex	E3F2DA
RGB	227, 242, 218
RGB Percent	89%, 95%, 85%
CMY	0.1098, 0.0510, 0.1451
CMYK	0.06, 0.00, 0.10, 0.05
HSL	98°, 48%, 90%
HSV	98°, 10%, 95%
XYZ	76.0856, 84.8971, 78.7063
YIQ	234.7790, -1.2360, -10.6440

Conversions

Conversions Part 2

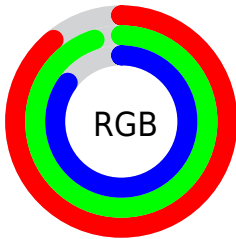
Format	Color
R _Y B	218, 242, 233
Decimal	14938842
CIE Lab	93.84, -9.19, 9.88
CIE LCh	94, 13.494, 132.903
Yxy	84.8971, 0.3174, 0.3542
Android (android.graphics.Color)	4293128922 (0xFFE3F2DA)
YUV	234.7790, -8.2720, -6.8222
Hunter-Lab	92.1396, -13.8454, 13.8518

Details

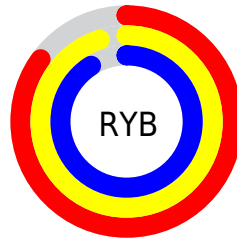
The XYZ color **76.0856, 84.8971, 78.7063** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **74.7060, 73.8795, 94.3315**, and the grayscale version is **78.8612, 82.9681, 90.3522**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.1830, 46.5328, 41.4615** is the 20% darker color. If you saturate the color by 10%, you get **68.5842, 81.3721, 63.0136**, and if you desaturate by 10%, it is **84.4733, 88.8306, 96.8577**.

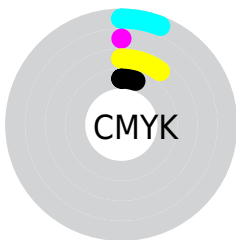
Distribution



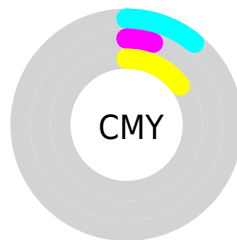
- Red (89%)
- Green (95%)
- Blue (85%)



- Red (85%)
- Yellow (95%)
- Blue (91%)



- Cyan (6%)
- Magenta (0%)
- Yellow (10%)
- Black (5%)



- Cyan (11%)
- Magenta (5%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.0856, 84.8971, 78.7063 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 76.0856, 84.8971, 78.7063 by changing the saturation by 10% instead.

76.0856, 84.8971,
78.7063

76.0856, 84.8971,
78.7063

470.5806,
511.2875, 510.1535

56.8000, 63.7564,
58.1345

126.8276,
140.2294, 133.3402

41.0842, 46.4534,
41.5014

159.0147,
175.1897, 168.2394

28.5728, 32.6037,
28.3884

196.2331,
215.5254, 208.7514

18.9006, 21.8231,
18.3771

238.8480,
261.6208, 255.2949

11.7020, 13.7269,
11.0488

287.2249,
313.8603, 308.2883

6.6119, 7.9310,
5.9851

341.7290,

3.2647, 4.0508,

372.6284, 368.1502

2.7674

402.7258,
438.3093, 435.2991

■ 1.2953, 1.7020,
0.9771

■ 0.1797, 0.4250,
0.0000

■ 76.0856, 84.8971,
78.7063

■ 76.0856, 84.8971,
78.7063

■ 68.5842, 81.3721,
63.0136

■ 84.4733, 88.8306,
96.8577

■ 61.9315, 78.2310,
49.6684

■ 91.0438, 91.9876,
107.5646

■ 56.0973, 75.4632,
38.5593

■ 51.0466, 73.0533,
29.5637

■ 46.7419, 70.9850,
22.5469

■ 43.1418, 69.2402,
17.3592

■ 40.2005, 67.7989,
13.8292

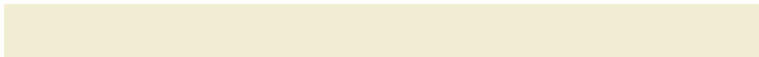
■ 37.8648, 66.6384,
11.7528

■ 36.0552, 65.7249,
10.7915

Harmonies

Analogous

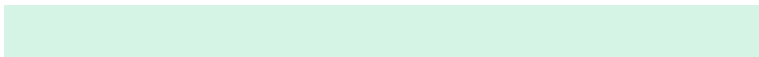
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.1612, 84.8971, 74.4840



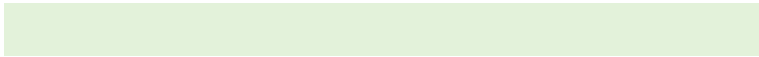
76.0856, 84.8971, 78.7063



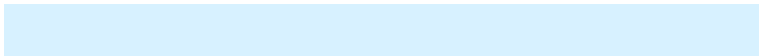
74.2753, 84.8971, 86.7501

Triad

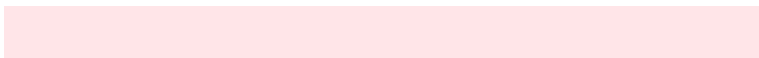
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.0856, 84.8971, 78.7063



78.6807, 84.8971, 112.6412



87.6063, 84.8971, 88.0957

Complementary

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



76.0856, 84.8971, 78.7063



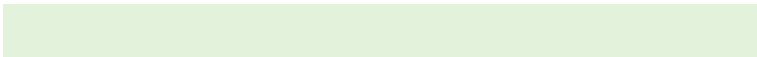
74.7060, 73.8795, 94.3315

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.



87.4683, 84.8971, 98.3703



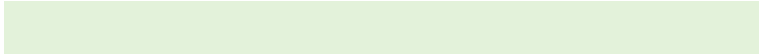
76.0856, 84.8971, 78.7063



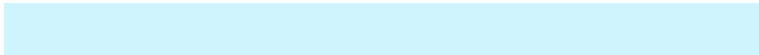
82.2427, 84.8971, 113.0687

Square

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



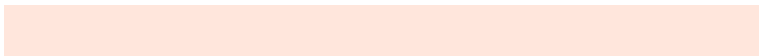
76.0856, 84.8971, 78.7063



75.7428, 84.8971, 106.5537



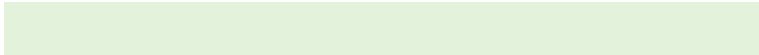
85.4810, 84.8971, 107.6817



85.8525, 84.8971, 79.6284

Rectangle

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



76.0856, 84.8971, 78.7063



73.9955, 84.8971, 93.4430



85.4810, 84.8971, 107.6817



87.7811, 84.8971, 91.4413

Sweetspot

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



76.0879, 84.9008, 78.7081



92.1052, 98.6214, 102.4605



78.3585, 82.1073, 78.0493



19.5492, 21.0317, 21.5717



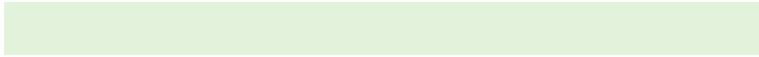
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



76.0879, 84.9008, 78.7081



83.8187, 94.7346, 84.6737



73.6926, 83.6232, 80.5255



16.1258, 17.9450, 16.7635



19.5002, 35.3743, 5.8002



1.7290, 2.9978, 0.4875

Inverse Universe

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



74.7060, 73.8795, 94.3315



81.9577, 79.8952, 105.7094



77.3021, 75.2661, 92.2739



15.8466, 15.7182, 19.9203



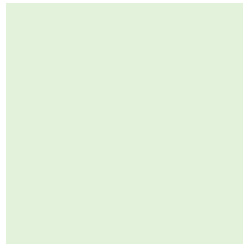
15.6491, 7.0728, 45.6683



1.4117, 0.6450, 3.8043

Previews

White Background



This preview shows how the XYZ color 76.0856, 84.8971, 78.7063 looks on a white background.

Color Contrast Check

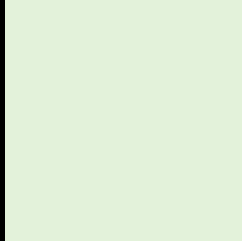
Large Text (above 18pt) WCAG AA × Fail

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 76.0856, 84.8971, 78.7063 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

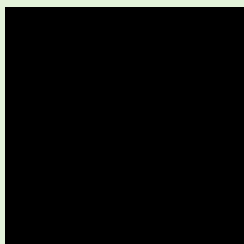
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

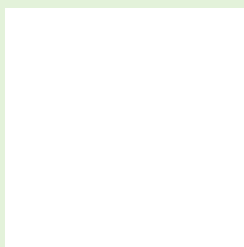
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.0856, 84.8971, 78.7063

Background



This preview shows how black text looks on a background with the XYZ color 76.0856, 84.8971, 78.7063.

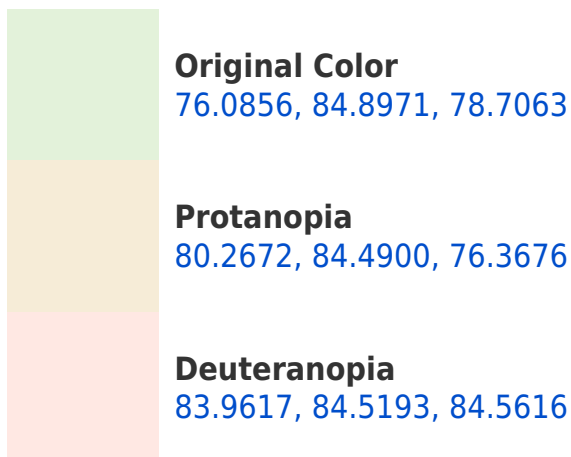


This preview shows how white text looks on a background with the XYZ color 76.0856, 84.8971,

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

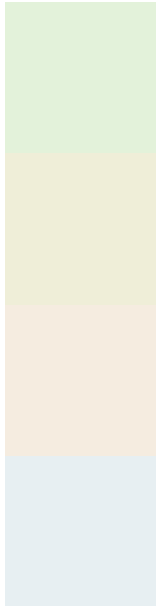




Tritanopia

81.9385, 85.1120, 106.7174

Trichromacy



Original Color

76.0856, 84.8971, 78.7063

Protanomaly

78.5658, 84.4577, 77.1268

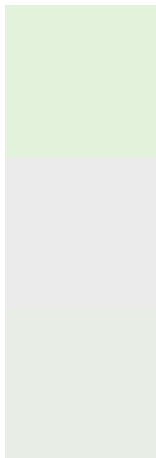
Deuteranomaly

81.1062, 84.7852, 82.6114

Tritanomaly

79.8485, 85.1327, 96.2282

Monochromacy



Original Color

76.0856, 84.8971, 78.7063

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

77.9961, 83.9620, 86.2242

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.0856, 84.8971, 78.7063 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, 242, 218) looks like.

```
.text, #text, p{  
    color:rgb(227, 242, 218)  
}
```

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, 242, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 242, 218) }
```

Border

The CSS property to change the border of an element to XYZ 76.0856, 84.8971, 78.7063 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, 242, 218) }
```


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

```
.border{ border-color:rgb(227, 242, 218) }
```

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

Here you see how a box with a 4 pixel rgb(227, 242, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 242, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 242, 218);  
box-shadow:4px 4px 4px 4px rgb(227, 242,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 76.0856, 84.8971, 78.7063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 242, 218) }
```

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

```
.background{ background-color: rgb(227,  
242, 218) }
```

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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