

Converting Colors

XYZ(76.0022, 84.0546, 79.7571)

Have a look what the booklet for
XYZ(76.0022, 84.0546, 79.7571)
contains.

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Color

**XYZ(76.0733, 83.9815,
79.9107)**

Conversions

Conversions Part 1

Format	Color
Hex	E4F0DC
RGB	228, 240, 220
RGB Percent	89%, 94%, 86%
CMY	0.1059, 0.0588, 0.1372
CMYK	0.05, 0.00, 0.08, 0.06
HSL	96°, 40%, 90%
HSV	96°, 8%, 94%
XYZ	76.0733, 83.9815, 79.9107
YIQ	234.1320, -0.7320, -8.7640

Conversions

Conversions Part 2

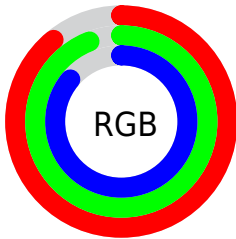
Format	Color
R _Y B	220, 240, 232
Decimal	15003868
CIE Lab	93.44, -7.50, 8.29
CIE LCh	93, 11.182, 132.147
Yxy	83.9815, 0.3170, 0.3500
Android (android.graphics.Color)	4293193948 (0xFFE4F0DC)
YUV	234.1320, -6.9671, -5.3778
Hunter-Lab	91.6414, -12.1962, 12.4485

Details

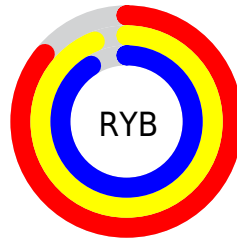
The XYZ color **76.0733, 83.9815, 79.9107** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **74.6034, 74.6358, 92.9166**, and the grayscale version is **78.3602, 82.4411, 89.7783**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.1656, 45.8818, 42.2837** is the 20% darker color. If you saturate the color by 10%, you get **68.7403, 80.5449, 64.1490**, and if you desaturate by 10%, it is **84.2480, 87.8041, 98.0974**.

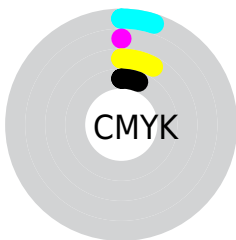
Distribution



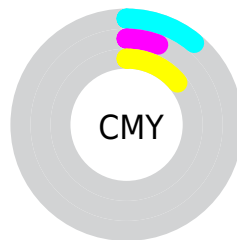
- Red (89%)
- Green (94%)
- Blue (86%)



- Red (86%)
- Yellow (94%)
- Blue (91%)



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



- Cyan (11%)
- Magenta (6%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.0733, 83.9815, 79.9107 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 76.0733, 83.9815, 79.9107 by changing the saturation by 10% instead.

76.0733, 83.9815,
79.9107

76.0733, 83.9815,
79.9107

470.5391,
508.2518, 514.3307

56.7899, 63.0002,
59.1191

126.8103,
138.9493, 135.0504

41.0760, 45.8413,
42.2884

158.9946,
173.7045, 170.2357

28.5664, 32.1206,
28.9999

196.2099,
213.8199, 211.0559

18.8957, 21.4537,
18.8352

238.8216,
259.6797, 257.9297

11.6985, 13.4560,
11.3756

287.1950,
311.6684, 311.2755

6.6095, 7.7433,
6.2028

341.6955,

3.2632, 3.9311,

370.1704, 371.5119

2.8980

402.6884,
435.5701, 439.0574

■ 1.2944, 1.6351,
1.0428

■ 0.1791, 0.3811,
0.0000

■ 76.0733, 83.9815,
79.9107

■ 76.0733, 83.9815,
79.9107

■ 68.7403, 80.5449,
64.1490

■ 84.2480, 87.8041,
98.0974

■ 62.2135, 77.4710,
50.7045

■ 90.4518, 90.8035,
107.3673

■ 56.4648, 74.7502,
39.4692

■ 51.4620, 72.3684,
30.3248

■ 47.1699, 70.3103,
23.1415

■ 43.5505, 68.5595,
17.7751

■ 40.5612, 67.0975,
14.0619

■ 38.1531, 65.9035,
11.8082

■ 36.2615, 64.9500,
10.7402

Harmonies

Analogous

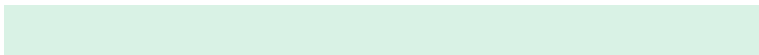
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.6335, 83.9815, 76.4524



76.0733, 83.9815, 79.9107



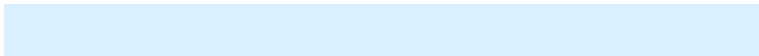
74.5401, 83.9815, 86.5478

Triad

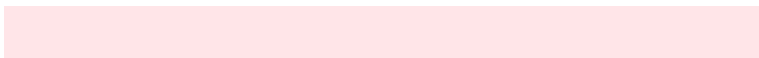
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.0733, 83.9815, 79.9107



78.0943, 83.9815, 107.8039



85.5005, 83.9815, 88.0635

Complementary

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



76.0733, 83.9815, 79.9107



74.6034, 74.6358, 92.9166

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.



85.3475, 83.9815, 96.5164



76.0733, 83.9815, 79.9107



81.0222, 83.9815, 108.2721

Square

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



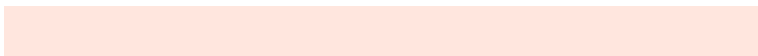
76.0733, 83.9815, 79.9107



75.6870, 83.9815, 102.7894



83.6917, 83.9815, 104.0315



84.1047, 83.9815, 80.9613

Rectangle

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



76.0733, 83.9815, 79.9107



74.2830, 83.9815, 92.0519



83.6917, 83.9815, 104.0315



85.6295, 83.9815, 90.8340

Sweetspot

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



76.0756, 83.9851, 79.9125



92.1737, 98.6567, 102.4637



77.7134, 81.4092, 79.3290



19.5677, 21.0412, 21.5726



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

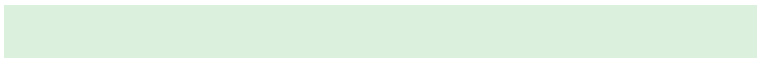
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.0756, 83.9851, 79.9125



85.8054, 95.6775, 88.4405



73.8626, 82.8135, 81.2004



16.1641, 17.9648, 16.7653



19.8373, 35.5480, 5.8159



1.7596, 3.0136, 0.4889

Inverse Universe

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



74.6034, 74.6358, 92.9166



83.7952, 82.9127, 106.1950



76.9642, 75.8870, 91.4842



15.8072, 15.6978, 19.9185



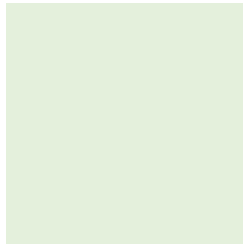
15.0624, 6.7704, 45.6408



1.3650, 0.6209, 3.8021

Previews

White Background



This preview shows how the XYZ color 76.0733, 83.9815, 79.9107 looks on a white background.

Color Contrast Check

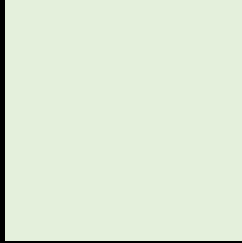
Large Text (above 18pt) WCAG AA × Fail

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 76.0733, 83.9815, 79.9107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

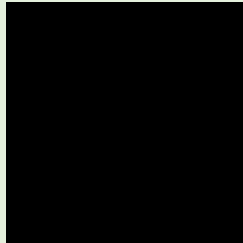
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

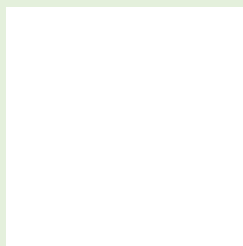
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.0733, 83.9815, 79.9107

Background



This preview shows how black text looks on a background with the XYZ color 76.0733, 83.9815, 79.9107.



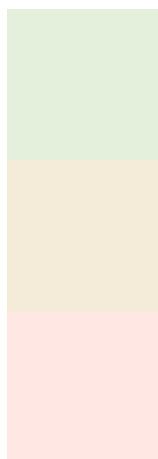
This preview shows how white text looks on a background with the XYZ color 76.0733, 83.9815,

79.9107.

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

76.0733, 83.9815, 79.9107

Protanopia

79.8889, 83.8389, 77.6176

Deuteranopia

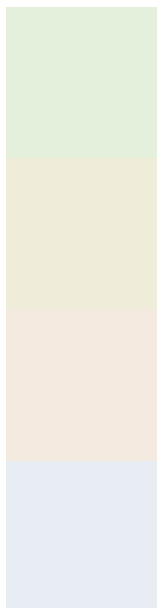
83.6810, 83.9579, 84.4681



Tritanopia

81.2020, 83.8961, 105.6797

Trichromacy



Original Color

76.0733, 83.9815, 79.9107

Protanomaly

78.5357, 83.9811, 78.4004

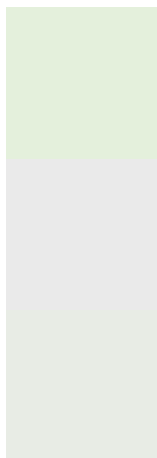
Deuteranomaly

80.5336, 83.6399, 82.4206

Tritanomaly

79.2662, 83.9681, 96.0341

Monochromacy



Original Color

76.0733, 83.9815, 79.9107

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

77.4170, 82.8039, 86.0312

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.0733, 83.9815, 79.9107 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(228, 240, 220) looks like.

```
.text, #text, p{  
    color:rgb(228, 240, 220)  
}
```

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(228, 240, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 240, 220) }
```

Border

The CSS property to change the border of an element to XYZ 76.0733, 83.9815, 79.9107 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(228, 240, 220) }
```


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

```
.border{ border-color:rgb(228, 240, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 240, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 240, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 240, 220);  
box-shadow:4px 4px 4px 4px rgb(228, 240,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 76.0733, 83.9815, 79.9107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 240, 220) }
```

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

```
.background{ background-color: rgb(228,  
240, 220) }
```

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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