

Converting Colors

XYZ(74.8935, 83.4761, 79.0495)

Have a look what the booklet for
XYZ(74.8935, 83.4761, 79.0495)
contains.

XYZ(74.9976, 83.4422, 79.1710)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(74.9976, 83.4422,
79.1710)**

Conversions

Conversions Part 1

Format	Color
Hex	E1F0DB
RGB	225, 240, 219
RGB Percent	88%, 94%, 86%
CMY	0.1176, 0.0588, 0.1412
CMYK	0.06, 0.00, 0.09, 0.06
HSL	103°, 41%, 90%
HSV	103°, 9%, 94%
XYZ	74.9976, 83.4422, 79.1710
YIQ	233.1210, -2.1990, -9.7110

Conversions

Conversions Part 2

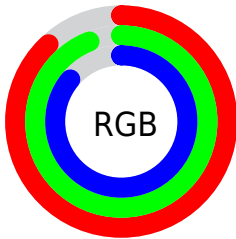
Format	Color
R _Y B	219, 240, 234
Decimal	14807259
CIE Lab	93.21, -8.69, 8.44
CIE LCh	93, 12.117, 135.822
Yxy	83.4422, 0.3156, 0.3512
Android (android.graphics.Color)	4292997339 (0xFFE1F0DB)
YUV	233.1210, -6.9617, -7.1221
Hunter-Lab	91.3467, -13.3044, 12.5555

Details

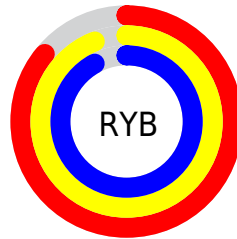
The XYZ color **74.9976, 83.4422, 79.1710** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **74.9947, 74.4490, 92.8599**, and the grayscale version is **77.5971, 81.6382, 88.9040**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.4189, 45.5074, 41.7755** is the 20% darker color. If you saturate the color by 10%, you get **66.9842, 79.6527, 63.4746**, and if you desaturate by 10%, it is **84.0080, 87.6978, 97.2956**.

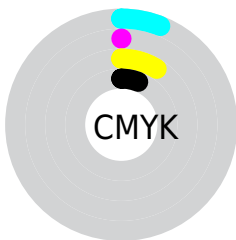
Distribution



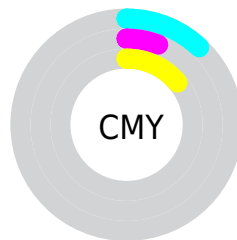
- Red (88%)
- Green (94%)
- Blue (86%)



- Red (86%)
- Yellow (94%)
- Blue (92%)



- Cyan (6%)
- Magenta (0%)
- Yellow (9%)
- Black (6%)





- Cyan (12%)
- Magenta (6%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.9976, 83.4422, 79.1710 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 74.9976, 83.4422, 79.1710 by changing the saturation by 10% instead.


 74.9976, 83.4422,
79.1710

 74.9976, 83.4422,
79.1710


466.9066,
506.4591, 511.7675

 55.9051, 62.5550,
58.5143


125.2969,
138.1946, 134.0004

 40.3635, 45.4813,
41.8048


157.2344,
172.8287, 169.0102

 28.0076, 31.8367,
28.6240


194.1843,
212.8138, 209.6414

 18.4719, 21.2368,
18.5535

236.5118,
258.5343, 256.3125

 11.3910, 13.2972,
11.1745

284.5825,
310.3747, 309.4422

 6.3997, 7.6335,
6.0687

338.7616,

 3.1326, 3.8614,

368.7194, 369.4489

2.8174

399.4146,
433.9527, 436.7511

■ 1.2243, 1.5963,
1.0022

■ 0.1254, 0.3551,
0.0000

■ 74.9976, 83.4422,
79.1710

■ 74.9976, 83.4422,
79.1710

■ 66.9842, 79.6527,
63.4746

■ 84.0080, 87.6978,
97.2956

■ 59.9258, 76.3027,
50.0979

■ 90.4517, 90.8035,
107.3672

■ 53.7872, 73.3790,
38.9325

■ 48.5288, 70.8635,
29.8590

■ 44.1074, 68.7370,
22.7470

■ 40.4763, 66.9786,
17.4512

■ 37.5833, 65.5649,
13.8062

■ 35.3690, 64.4695,
11.6165

■ 33.7544, 63.6581,
10.5943

Harmonies

Analogous

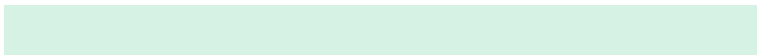
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.6512, 83.4422, 75.0023



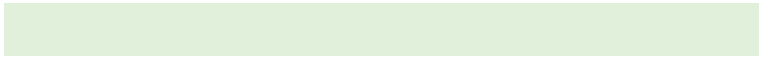
74.9976, 83.4422, 79.1710



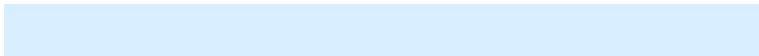
73.5184, 83.4422, 86.6256

Triad

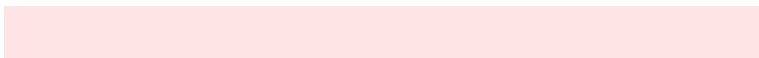
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.9976, 83.4422, 79.1710



77.8187, 83.4422, 108.9430



85.3488, 83.4422, 86.1556

Complementary

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



74.9976, 83.4422, 79.1710



74.9947, 74.4490, 92.8599

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.



85.3966, 83.4422, 95.2186



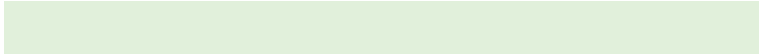
74.9976, 83.4422, 79.1710



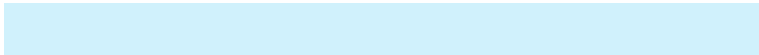
80.9909, 83.4422, 108.7961

Square

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



74.9976, 83.4422, 79.1710



75.1174, 83.4422, 104.0231



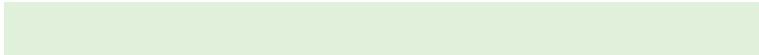
83.7832, 83.4422, 103.6341



83.6544, 83.4422, 78.8468

Rectangle

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



74.9976, 83.4422, 79.1710



73.3712, 83.4422, 92.6452



83.7832, 83.4422, 103.6341



85.5595, 83.4422, 89.0867

Sweetspot

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



74.9999, 83.4458, 79.1728



91.8605, 98.4952, 102.4490



78.0622, 82.3183, 78.7938



19.4833, 20.9977, 21.5687



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.



74.9999, 83.4458, 79.1728



83.8667, 94.7190, 86.4992



73.7223, 82.7225, 82.0368



15.9899, 17.8750, 16.7572



18.4966, 34.8569, 5.7532



1.6331, 2.9484, 0.4830

Inverse Universe

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



74.9947, 74.4490, 92.8599



83.8589, 81.9028, 105.9967



76.3810, 75.2350, 89.7044



15.9887, 15.7914, 19.9270



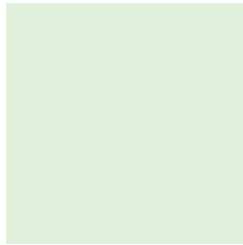
17.9942, 8.2818, 45.7780



1.5943, 0.7391, 3.8129

Previews

White Background



This preview shows how the XYZ color 74.9976, 83.4422, 79.1710 looks on a white background.

Color Contrast Check

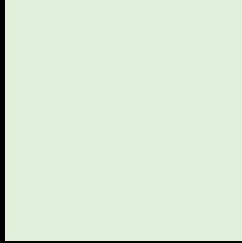
Large Text (above 18pt) WCAG AA × Fail

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 74.9976, 83.4422, 79.1710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

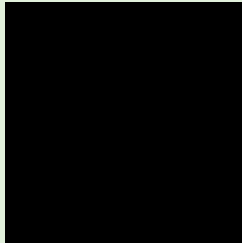
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

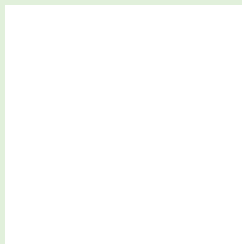
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.9976, 83.4422, 79.1710

Background



This preview shows how black text looks on a background with the XYZ color 74.9976, 83.4422, 79.1710.



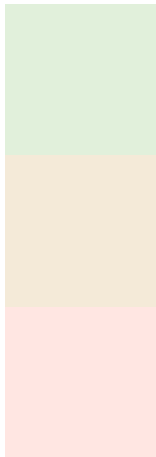
This preview shows how white text looks on a background with the XYZ color 74.9976, 83.4422,

79.1710.

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

74.9976, 83.4422, 79.1710

Protanopia

79.1257, 83.0366, 76.8230

Deuteranopia

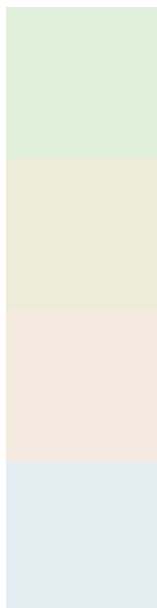
83.2643, 83.3446, 83.6501



Tritanopia

80.2309, 83.3954, 105.6342

Trichromacy



Original Color

74.9976, 83.4422, 79.1710

Protanomaly

77.4449, 83.0052, 77.5855

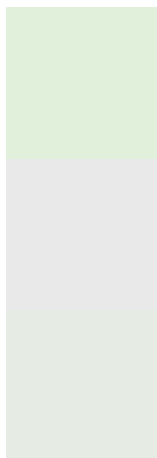
Deuteranomaly

80.0503, 83.4064, 81.6920

Tritanomaly

78.1563, 83.4132, 95.2002

Monochromacy



Original Color

74.9976, 83.4422, 79.1710

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

76.6322, 82.4153, 85.2676

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.9976, 83.4422, 79.1710 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(225, 240, 219)` looks like.

```
.text, #text, p{  
    color:rgb(225, 240, 219)  
}
```

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(225, 240, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 240, 219) }
```

Border

The CSS property to change the border of an element to XYZ 74.9976, 83.4422, 79.1710 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(225, 240, 219) }
```


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

```
.border{ border-color:rgb(225, 240, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 240, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 240, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 240, 219);  
box-shadow:4px 4px 4px 4px rgb(225, 240,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 74.9976, 83.4422, 79.1710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 240, 219) }
```

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

```
.background{ background-color: rgb(225,  
240, 219) }
```

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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