

Converting Colors

XYZ(74.7904, 81.1326, 83.4062)

Have a look what the booklet for
XYZ(74.7904, 81.1326, 83.4062)
contains.

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Color

**XYZ(74.7998, 81.0764,
83.6584)**

Conversions

Conversions Part 1

Format	Color
Hex	E2EBE2
RGB	226, 235, 226
RGB Percent	89%, 92%, 89%
CMY	0.1137, 0.0784, 0.1137
CMYK	0.04, 0.00, 0.04, 0.08
HSL	120°, 18%, 90%
HSV	120°, 4%, 92%
XYZ	74.7998, 81.0764, 83.6584
YIQ	231.2830, -2.4750, -4.7070

Conversions

Conversions Part 2

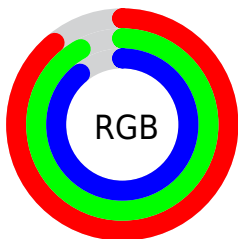
Format	Color
R _Y B	226, 235, 235
Decimal	14871522
CIE Lab	92.17, -4.60, 3.31
CIE LCh	92, 5.672, 144.277
Yxy	81.0764, 0.3123, 0.3385
Android (android.graphics.Color)	4293061602 (0xFFE2EBE2)
YUV	231.2830, -2.6045, -4.6332
Hunter-Lab	90.0424, -9.2912, 7.9434

Details

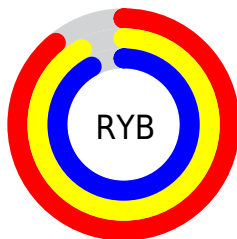
The XYZ color **74.7998, 81.0764, 83.6584** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.4557, 78.0550, 89.6377**, and the grayscale version is **76.1884, 80.1562, 87.2901**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2654, 43.8384, 44.8675** is the 20% darker color. If you saturate the color by 10%, you get **64.9230, 76.3344, 67.5013**, and if you desaturate by 10%, it is **86.1332, 86.5228, 102.1941**.

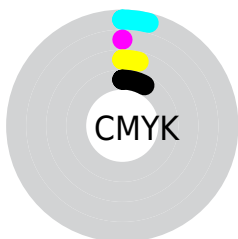
Distribution



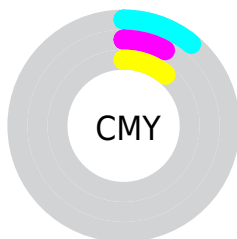
- Red (89%)
- Green (92%)
- Blue (89%)



- Red (89%)
- Yellow (92%)
- Blue (92%)



- Cyan (4%)
- Magenta (0%)
- Yellow (4%)
- Black (8%)



- Cyan (11%)
- Magenta (8%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.7998, 81.0764, 83.6584 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 74.7998, 81.0764, 83.6584 by changing the saturation by 10% instead.

■ 74.7998, 81.0764,
83.6584

■ 74.7998, 81.0764,
83.6584

466.2370,
498.5530, 527.2065

■ 55.7425, 60.6045,
62.1897

125.0184,
134.8780, 140.3547

■ 40.2327, 43.9061,
44.7492

156.9103,
168.9766, 176.4194

■ 27.9050, 30.5967,
30.9184

193.8112,
208.3862, 218.1864

■ 18.3942, 20.2919,
20.2788

236.0864,
253.4911, 266.0744

■ 11.3348, 12.6074,
12.4118

284.1012,
304.6759, 320.5019

■ 6.3614, 7.1588,
6.8988

338.2210,

■ 3.1088, 3.5616,

362.3249, 381.8874

3.3214

398.8111,
426.8225, 450.6494

■ 1.2116, 1.4315,
1.2610

■ 0.1155, 0.2398,
0.0295

■ 74.7998, 81.0764,
83.6584

■ 74.7998, 81.0764,
83.6584

■ 64.9230, 76.3344,
67.5013

■ 86.1332, 86.5228,
102.1941

■ 56.4372, 72.2583,
53.6215

■ 88.9999, 87.8998,
106.8833

■ 49.2822, 68.8214,
41.9182

■ 43.3905, 65.9913,
32.2812

■ 38.6887, 63.7328,
24.5904

■ 35.0958, 62.0069,
18.7136

■ 32.5210, 60.7701,
14.5019

■ 30.8590, 59.9718,
11.7832

■ 29.9815, 59.5503,
10.3477

Harmonies

Analogous

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



75.9101, 81.0764, 81.1375



74.7998, 81.0764, 83.6584



74.2959, 81.0764, 87.4776

Triad

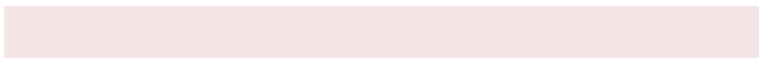
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.7998, 81.0764, 83.6584



76.7806, 81.0764, 96.5382



79.6531, 81.0764, 85.0079

Complementary

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



74.7998, 81.0764, 83.6584



76.4557, 78.0550, 89.6377

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.



79.8932, 81.0764, 89.0841



74.7998, 81.0764, 83.6584



78.2228, 81.0764, 95.8265

Square

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



74.7998, 81.0764, 83.6584



75.4302, 81.0764, 94.9806



79.3667, 81.0764, 93.0655



78.7145, 81.0764, 81.8992

Rectangle

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



74.7998, 81.0764, 83.6584



74.3670, 81.0764, 90.2798



79.3667, 81.0764, 93.0655



79.8186, 81.0764, 86.3069

Sweetspot

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



74.8021, 81.0799, 83.6602



93.7102, 99.3564, 106.7085



77.7003, 82.5740, 83.7956



20.0720, 21.2731, 22.8631



0.0000, 0.0000, 0.0000



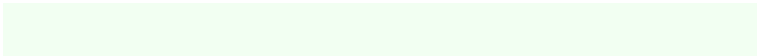
20.3446, 21.4041, 23.3091

Same Dimension

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



74.8021, 81.0799, 83.6602



88.5285, 96.8674, 98.2330



75.4281, 81.3303, 86.9570



15.6881, 17.2559, 17.3307



16.5341, 33.0681, 5.5115



1.2983, 2.5966, 0.4328

Inverse Universe

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



76.4557, 78.0550, 89.6377



91.1165, 92.1332, 107.5886



75.8133, 77.7981, 86.2549



16.2093, 16.3026, 19.2146



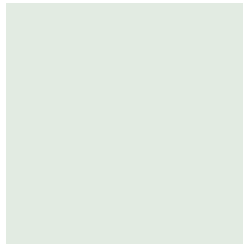
27.4129, 13.1679, 44.8372



2.1526, 1.0340, 3.5208

Previews

White Background



This preview shows how the XYZ color 74.7998, 81.0764, 83.6584 looks on a white background.

Color Contrast Check

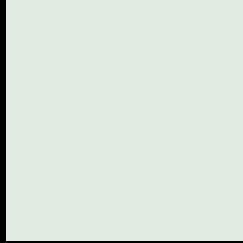
Large Text (above 18pt) WCAG AA × Fail

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 74.7998, 81.0764, 83.6584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

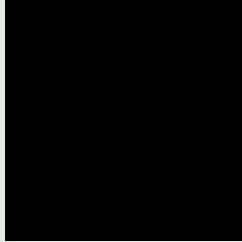
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

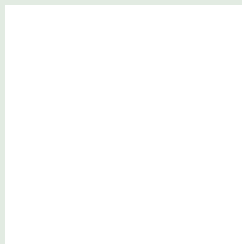
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.7998, 81.0764, 83.6584

Background



This preview shows how black text looks on a background with the XYZ color 74.7998, 81.0764, 83.6584.



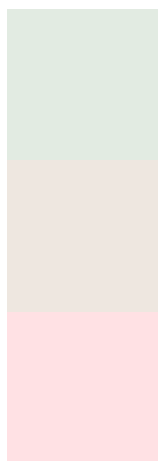
This preview shows how white text looks on a background with the XYZ color 74.7998, 81.0764,

83.6584.

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

74.7998, 81.0764, 83.6584

Protanopia

77.2904, 80.7108, 82.0261

Deuteranopia

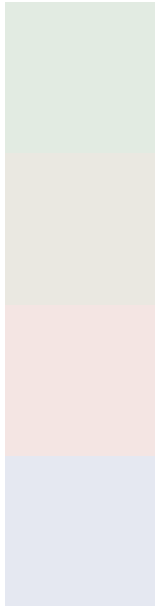
82.1688, 80.7119, 84.6470



Tritanopia

78.4644, 80.8769, 101.9178

Trichromacy



Original Color

74.7998, 81.0764, 83.6584

Protanomaly

76.3789, 80.6419, 82.7740

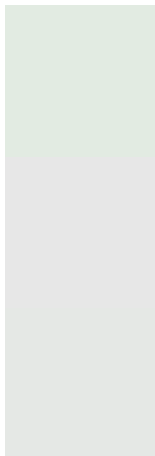
Deuteranomaly

79.1927, 80.8178, 84.0985

Tritanomaly

77.0469, 80.7221, 94.7392

Monochromacy



Original Color

74.7998, 81.0764, 83.6584

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.3126, 80.0284, 85.6064

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.7998, 81.0764, 83.6584 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(226, 235, 226) looks like.

```
.text, #text, p{  
    color:rgb(226, 235, 226)  
}
```

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(226, 235, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 235, 226) }
```

Border

The CSS property to change the border of an element to XYZ 74.7998, 81.0764, 83.6584 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(226, 235, 226) }
```


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

```
.border{ border-color:rgb(226, 235, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 235, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 235, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 235, 226);  
box-shadow:4px 4px 4px 4px rgb(226, 235,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 74.7998, 81.0764, 83.6584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 235, 226) }
```

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

```
.background{ background-color: rgb(226,  
235, 226) }
```

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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