

Converting Colors

XYZ(74.4788, 81.0721, 85.3157)

Have a look what the booklet for
XYZ(74.4788, 81.0721, 85.3157)
contains.

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Color

**XYZ(74.4524, 80.8654,
85.0833)**

Conversions

Conversions Part 1

Format	Color
Hex	E0EBE4
RGB	224, 235, 228
RGB Percent	88%, 92%, 89%
CMY	0.1216, 0.0784, 0.1059
CMYK	0.05, 0.00, 0.03, 0.08
HSL	142°, 22%, 90%
HSV	142°, 5%, 92%
XYZ	74.4524, 80.8654, 85.0833
YIQ	230.9130, -4.3090, -4.5090

Conversions

Conversions Part 2

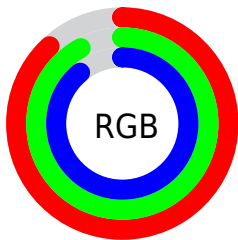
Format	Color
RYB	224, 232, 235
Decimal	14740452
CIELab	92.07, -4.92, 2.12
CIELCh	92, 5.352, 156.714
Yxy	80.8654, 0.3097, 0.3364
Android (android.graphics.Color)	4292930532 (0xFFE0EBE4)
YUV	230.9130, -1.4361, -6.0627
Hunter-Lab	89.9252, -9.5823, 6.8500

Details

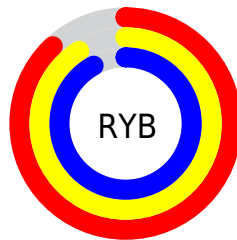
The XYZ color **74.4524, 80.8654, 85.0833** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.3434, 76.7451, 86.4475**, and the grayscale version is **75.9055, 79.8585, 86.9659**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0251, 43.6923, 45.8591** is the 20% darker color. If you saturate the color by 10%, you get **65.6792, 76.5746, 74.2987**, and if you desaturate by 10%, it is **84.4165, 85.7540, 96.8648**.

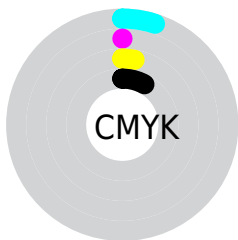
Distribution



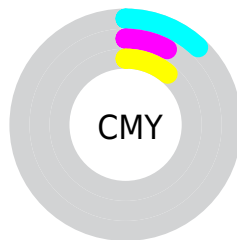
- Red (88%)
- Green (92%)
- Blue (89%)



- Red (88%)
- Yellow (91%)
- Blue (92%)



- Cyan (5%)
- Magenta (0%)
- Yellow (3%)
- Black (8%)



- Cyan (12%)
- Magenta (8%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.4524, 80.8654, 85.0833 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 74.4524, 80.8654, 85.0833 by changing the saturation by 10% instead.

■ 74.4524, 80.8654,
85.0833

■ 74.4524, 80.8654,
85.0833

465.0595,
497.8445, 532.0554

■ 55.4570, 60.4307,
63.3597

124.5290,
134.5818, 142.3647

■ 40.0030, 43.7659,
45.6894

156.3408,
168.6323, 178.7596

■ 27.7251, 30.4865,
31.6539

193.1556,
207.9902, 220.8820

■ 18.2579, 20.2082,
20.8346

235.3385,
253.0399, 269.1505

■ 11.2361, 12.5465,
12.8131

283.2550,
304.1657, 323.9835

■ 6.2944, 7.1170,
7.1708

337.2704,

■ 3.0672, 3.5354,

361.7522, 385.7996

3.4891

397.7502,
426.1837, 455.0174

■ 1.1894, 1.4172,
1.3495

■ 0.0980, 0.2294,
0.1018

■ 74.4524, 80.8654,
85.0833

■ 74.4524, 80.8654,
85.0833

■ 65.6792, 76.5746,
74.2987

■ 84.4165, 85.7540,
96.8648

■ 58.0445, 72.8481,
64.4801

■ 88.9999, 87.8998,
106.8833

■ 51.5020, 69.6651,
55.6022

■ 45.9995, 66.9991,
47.6369

■ 41.4806, 64.8216,
40.5549

■ 37.8830, 63.1011,
34.3249

■ 35.1370, 61.8024,
28.9139

■ 33.1622, 60.8848,
24.2865

■ 31.8613, 60.2987,
20.4044

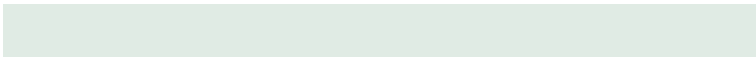
Harmonies

Analogous

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



75.2873, 80.8654, 82.1057



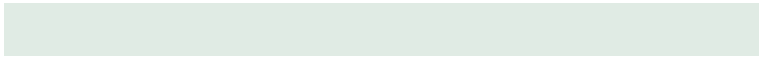
74.4524, 80.8654, 85.0833



74.2591, 80.8654, 88.9386

Triad

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



74.4524, 80.8654, 85.0833



77.1703, 80.8654, 95.8005



79.0034, 80.8654, 83.5905

Complementary

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



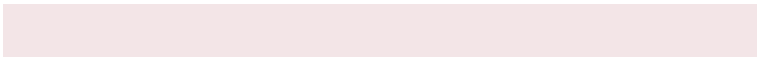
74.4524, 80.8654, 85.0833



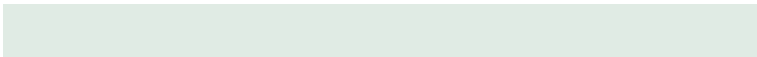
75.3434, 76.7451, 86.4475

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.



79.5212, 80.8654, 87.1647



74.4524, 80.8654, 85.0833



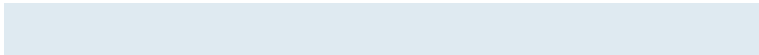
78.4547, 80.8654, 94.2717

Square

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



74.4524, 80.8654, 85.0833



75.8176, 80.8654, 95.2030



79.3192, 80.8654, 91.0822



77.9122, 80.8654, 81.2621

Rectangle

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



74.4524, 80.8654, 85.0833



74.5180, 80.8654, 91.5034



79.3192, 80.8654, 91.0822



79.2509, 80.8654, 84.6820

Sweetspot

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



74.4547, 80.8689, 85.0851



93.8578, 99.4155, 107.4859



76.1694, 81.8163, 82.2997



20.1020, 21.2852, 23.0213



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.



74.4547, 80.8689, 85.0851



88.1148, 96.6014, 100.5977



75.2096, 81.1708, 89.0604



15.6427, 17.2210, 17.8503



17.5120, 33.4592, 10.6609



1.4199, 2.6453, 1.0729

Inverse Universe

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



75.3434, 76.7451, 86.4475



89.4792, 90.2706, 102.6892



74.5986, 76.4472, 82.5255



15.9099, 15.9811, 18.2599



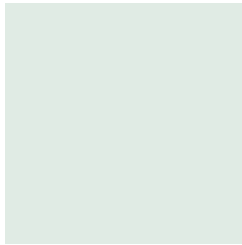
22.1759, 11.0730, 17.2593



1.7872, 0.8879, 1.5969

Previews

White Background



This preview shows how the XYZ color 74.4524, 80.8654, 85.0833 looks on a white background.

Color Contrast Check

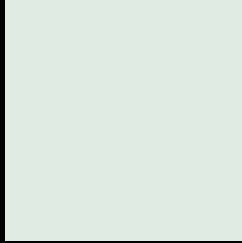
Large Text (above 18pt) WCAG AA × Fail

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 74.4524, 80.8654, 85.0833 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

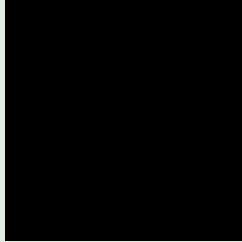
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

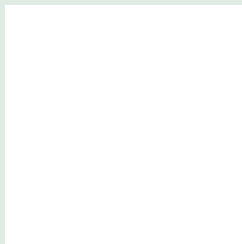
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.4524, 80.8654, 85.0833

Background



This preview shows how black text looks on a background with the XYZ color 74.4524, 80.8654, 85.0833.



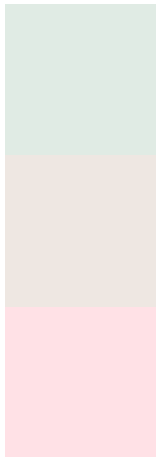
This preview shows how white text looks on a background with the XYZ color 74.4524, 80.8654,

85.0833.

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

74.4524, 80.8654, 85.0833

Protanopia

77.5633, 80.8200, 83.4633

Deuteranopia

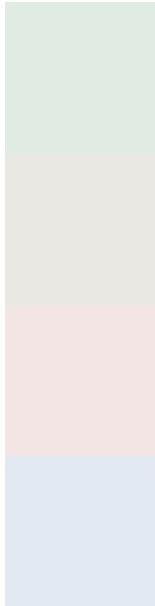
82.4481, 80.8236, 86.1179



Tritanopia

78.1068, 81.1093, 101.9815

Trichromacy



Original Color

74.4524, 80.8654, 85.0833

Protanomaly

76.3260, 80.5829, 84.2043

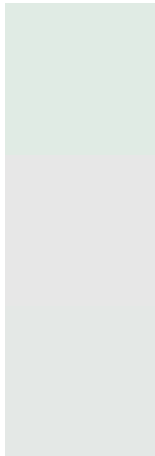
Deuteranomaly

79.4704, 80.9289, 85.5610

Tritanomaly

76.8445, 81.0195, 95.5926

Monochromacy



Original Color

74.4524, 80.8654, 85.0833

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.1344, 79.9204, 86.3291

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.4524, 80.8654, 85.0833 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(224, 235, 228)` looks like.

```
.text, #text, p{  
    color:rgb(224, 235, 228)  
}
```

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(224, 235, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 235, 228) }
```

Border

The CSS property to change the border of an element to XYZ 74.4524, 80.8654, 85.0833 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(224, 235, 228) }
```


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

```
.border{ border-color:rgb(224, 235, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 235, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 235, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 235, 228);  
box-shadow:4px 4px 4px 4px rgb(224, 235,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 74.4524, 80.8654, 85.0833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 235, 228) }
```

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

```
.background{ background-color: rgb(224,  
235, 228) }
```

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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