

Converting Colors

XYZ(74.4120, 81.6994, 85.2464)

Have a look what the booklet for
XYZ(74.4120, 81.6994, 85.2464)
contains.

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Color

**XYZ(74.4120, 81.6994,
85.2464)**

Conversions

Conversions Part 1

Format	Color
Hex	DEEDE4
RGB	222, 237, 228
RGB Percent	87%, 93%, 89%
CMY	0.1294, 0.0706, 0.1059
CMYK	0.06, 0.00, 0.04, 0.07
HSL	144°, 29%, 90%
HSV	144°, 6%, 93%
XYZ	74.4120, 81.6994, 85.2464
YIQ	231.4890, -6.0510, -5.9790

Conversions

Conversions Part 2

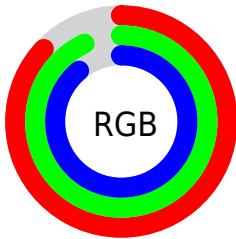
Format	Color
R _Y B	222, 233, 237
Decimal	14609892
CIE Lab	92.44, -6.60, 2.64
CIE LCh	92, 7.103, 158.211
Yxy	81.6994, 0.3083, 0.3385
Android (android.graphics.Color)	4292799972 (0xFFDEEDE4)
YUV	231.4890, -1.7201, -8.3219
Hunter-Lab	90.3877, -11.2278, 7.3539

Details

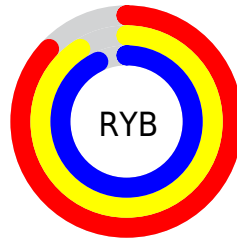
The XYZ color **74.4120, 81.6994, 85.2464** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.4731, 76.0187, 86.3005**, and the grayscale version is **76.3376, 80.3131, 87.4609**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0030, 44.2804, 45.9737** is the 20% darker color. If you saturate the color by 10%, you get **65.7633, 77.4620, 74.9560**, and if you desaturate by 10%, it is **84.2482, 86.5348, 96.4437**.

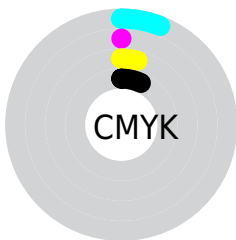
Distribution



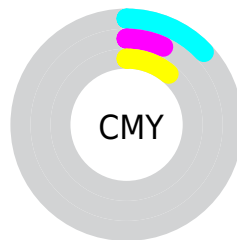
- Red (87%)
- Green (93%)
- Blue (89%)



- Red (87%)
- Yellow (91%)
- Blue (93%)



- Cyan (6%)
- Magenta (0%)
- Yellow (4%)
- Black (7%)



- Cyan (13%)
- Magenta (7%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.4120, 81.6994, 85.2464 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 74.4120, 81.6994, 85.2464 by changing the saturation by 10% instead.

74.4120, 81.6994,
85.2464

74.4120, 81.6994,
85.2464

464.9225,
500.6416, 532.6089

55.4238, 61.1178,
63.4937

124.4720,
135.7524, 142.5946

39.9763, 44.3202,
45.7971

156.2746,
169.9925, 179.0272

27.7042, 30.9223,
31.7383

193.0793,
209.5543, 221.1901

18.2421, 20.5397,
20.8985

235.2515,
254.8221, 269.5019

11.2247, 12.7880,
12.8593

283.1565,
306.1804, 324.3811

6.2866, 7.2827,
7.2021

337.1598,

3.0624, 3.6395,

364.0135, 386.2463

3.5085

397.6267,
428.7057, 455.5161

■ 1.1869, 1.4740,
1.3598

■ 0.0960, 0.2703,
0.1100

■ 74.4120, 81.6994,
85.2464

■ 74.4120, 81.6994,
85.2464

■ 65.7633, 77.4620,
74.9560

■ 84.2482, 86.5348,
96.4437

■ 58.2490, 73.7887,
65.5447

■ 89.5757, 89.0515,
107.0752

■ 51.8219, 70.6581,
56.9909

■ 46.4292, 68.0434,
49.2701

■ 42.0129, 65.9152,
42.3569

■ 38.5096, 64.2412,
36.2241

■ 35.8476, 62.9853,
30.8432

■ 33.9436, 62.1049,
26.1838

■ 32.6947, 61.5477,
22.2126

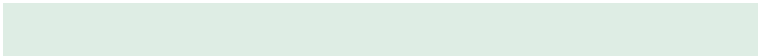
Harmonies

Analogous

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



75.4837, 81.6994, 81.2263



74.4120, 81.6994, 85.2464



74.2016, 81.6994, 90.4125

Triad

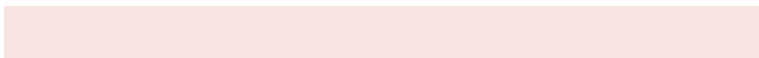
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.4120, 81.6994, 85.2464



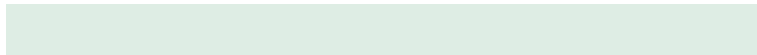
78.1595, 81.6994, 99.3728



80.4676, 81.6994, 82.8320

Complementary

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



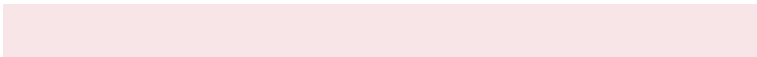
74.4120, 81.6994, 85.2464



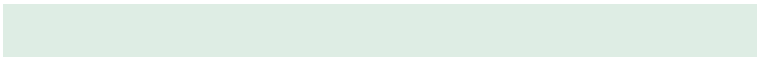
75.4731, 76.0187, 86.3005

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.



81.2094, 81.6994, 87.5168



74.4120, 81.6994, 85.2464



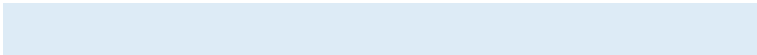
79.8631, 81.6994, 97.1627

Square

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



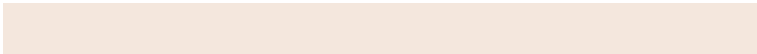
74.4120, 81.6994, 85.2464



76.3462, 81.6994, 98.7064



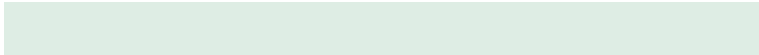
80.9864, 81.6994, 92.7732



78.9742, 81.6994, 79.8712

Rectangle

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



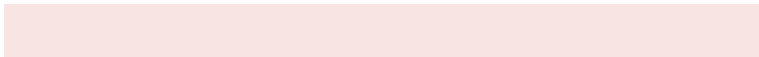
74.4120, 81.6994, 85.2464



74.5750, 81.6994, 93.8357



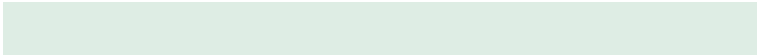
80.9864, 81.6994, 92.7732



80.8142, 81.6994, 84.2499

Sweetspot

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



74.4143, 81.7029, 85.2482



92.7096, 98.8500, 106.2388



76.5078, 82.8767, 81.0729



19.8682, 21.1700, 22.7675



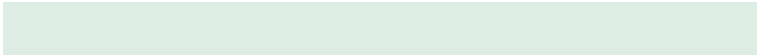
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



74.4143, 81.7029, 85.2482



86.0301, 95.5706, 98.5152



75.4427, 82.1143, 90.6639



15.1179, 16.9620, 17.3036



17.7169, 33.5412, 11.7402



1.4376, 2.6523, 1.1660

Inverse Universe

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



75.4731, 76.0187, 86.3005



87.5981, 87.1535, 100.0733



74.4695, 75.6173, 81.0155



15.4450, 15.2059, 17.6287



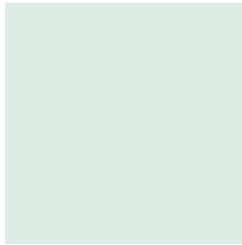
21.8092, 10.9264, 15.3284



1.7598, 0.8769, 1.4527

Previews

White Background



This preview shows how the XYZ color 74.4120, 81.6994, 85.2464 looks on a white background.

Color Contrast Check

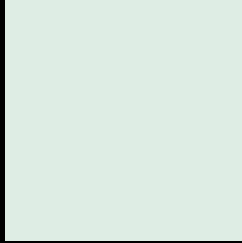
Large Text (above 18pt) WCAG AA × Fail

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 74.4120, 81.6994, 85.2464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

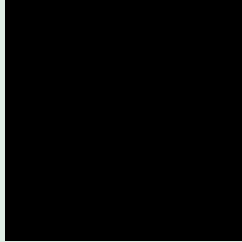
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

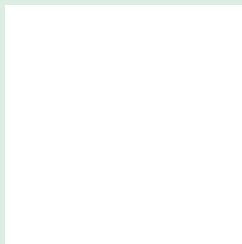
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.4120, 81.6994, 85.2464

Background



This preview shows how black text looks on a background with the XYZ color 74.4120, 81.6994, 85.2464.



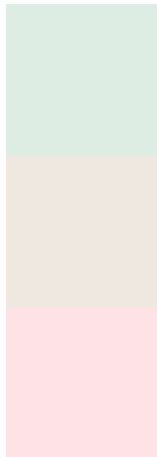
This preview shows how white text looks on a background with the XYZ color 74.4120, 81.6994,

85.2464.

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

74.4120, 81.6994, 85.2464

Protanopia

78.0438, 81.5002, 82.8519

Deuteranopia

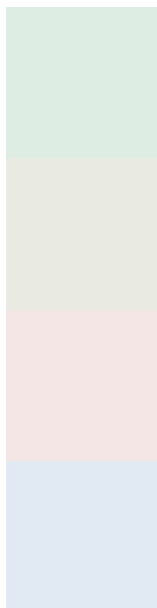
82.7193, 81.3659, 86.2083



Tritanopia

78.0736, 81.4749, 103.7068

Trichromacy



Original Color

74.4120, 81.6994, 85.2464

Protanomaly

76.7546, 81.6603, 83.6681

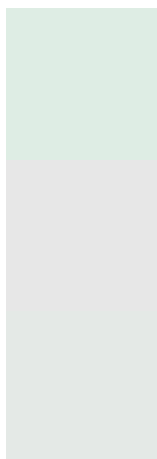
Deuteranomaly

79.4018, 81.3055, 85.6373

Tritanomaly

76.6518, 81.3243, 96.4512

Monochromacy



Original Color

74.4120, 81.6994, 85.2464

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.4167, 80.4850, 86.4232

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.4120, 81.6994, 85.2464 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(222, 237, 228)` looks like.

```
.text, #text, p{  
    color:rgb(222, 237, 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(222, 237, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 237, 228) }
```

Border

The CSS property to change the border of an element to XYZ 74.4120, 81.6994, 85.2464 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(222, 237, 228) }
```


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

```
.border{ border-color:rgb(222, 237, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 237, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 237, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 237, 228);  
box-shadow:4px 4px 4px 4px rgb(222, 237,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 74.4120, 81.6994, 85.2464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 237, 228) }
```

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

```
.background{ background-color: rgb(222,  
237, 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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