

Converting Colors

XYZ(74.4201, 82.9670, 82.1541)

Have a look what the booklet for XYZ(74.4201, 82.9670, 82.1541) contains.

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Color

**XYZ(74.2982, 83.0200,
81.9206)**

Conversions

Conversions Part 1

Format	Color
Hex	DDF0DF
RGB	221, 240, 223
RGB Percent	87%, 94%, 87%
CMY	0.1333, 0.0588, 0.1255
CMYK	0.08, 0.00, 0.07, 0.06
HSL	126°, 39%, 90%
HSV	126°, 8%, 94%
XYZ	74.2982, 83.0200, 81.9206
YIQ	232.3810, -5.8670, -9.3150

Conversions

Conversions Part 2

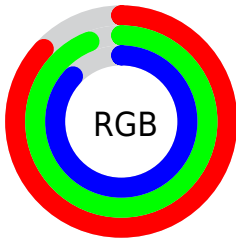
Format	Color
R _Y B	221, 238, 240
Decimal	14545119
CIE Lab	93.02, -9.34, 6.07
CIE LCh	93, 11.134, 146.978
Yxy	83.0200, 0.3106, 0.3470
Android (android.graphics.Color)	4292735199 (0xFFDDDF0DF)
YUV	232.3810, -4.6248, -9.9811
Hunter-Lab	91.1153, -13.8975, 10.4738

Details

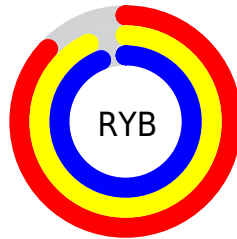
The XYZ color **74.2982, 83.0200, 81.9206** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **77.2273, 76.4134, 91.5719**, and the grayscale version is **77.0258, 81.0372, 88.2495**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9343, 45.2151, 43.6684** is the 20% darker color. If you saturate the color by 10%, you get **64.7927, 78.4357, 67.3088**, and if you desaturate by 10%, it is **85.2202, 88.2968, 98.5191**.

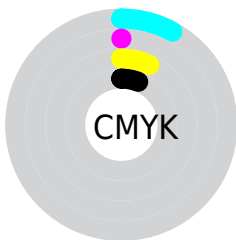
Distribution



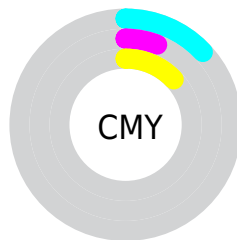
- Red (87%)
- Green (94%)
- Blue (87%)



- Red (87%)
- Yellow (93%)
- Blue (94%)



- Cyan (8%)
- Magenta (0%)
- Yellow (7%)
- Black (6%)



- Cyan (13%)
- Magenta (6%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.2982, 83.0200, 81.9206 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 74.2982, 83.0200, 81.9206 by changing the saturation by 10% instead.

74.2982, 83.0200,
81.9206

74.2982, 83.0200,
81.9206

464.5363,
505.0532, 521.2585

55.3303, 62.2067,
60.7647

124.3117,
137.6035, 137.8983

39.9011, 45.1997,
43.6059

156.0879,
172.1424, 173.5572

27.6453, 31.6148,
30.0259

192.8644,
212.0253, 214.8875

18.1976, 21.0674,
19.6060

235.0063,
257.6365, 262.3077

11.1925, 13.1733,
11.9278

282.8791,
309.3606, 316.2363

6.2647, 7.5480,
6.5726

336.8482,

3.0489, 3.8071,

367.5817, 377.0920

3.1219

397.2788,
432.6845, 445.2932

■ 1.1797, 1.5663,
1.1572

■ 0.0902, 0.3347,
0.0000

■ 74.2982, 83.0200,
81.9206

■ 74.2982, 83.0200,
81.9206

■ 64.7927, 78.4357,
67.3088

■ 85.2202, 88.2968,
98.5191

■ 56.6390, 74.5051,
54.6039

■ 90.4517, 90.8033,
107.3672

■ 49.7776, 71.2015,
43.7290

■ 44.1418, 68.4924,
34.5998

■ 39.6592, 66.3423,
27.1252

■ 36.2494, 64.7120,
21.2062

■ 33.8218, 63.5569,
16.7330

■ 32.2704, 62.8253,
13.5815

■ 31.4551, 62.4479,
11.6062

Harmonies

Analogous

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



76.3909, 83.0200, 76.8222



74.2982, 83.0200, 81.9206



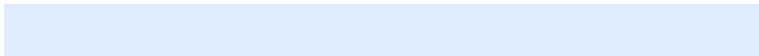
73.4387, 83.0200, 89.5505

Triad

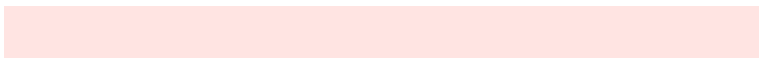
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.2982, 83.0200, 81.9206



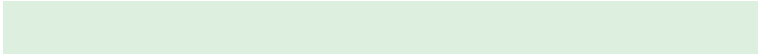
78.6127, 83.0200, 107.4025



84.0126, 83.0200, 83.3019

Complementary

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



74.2982, 83.0200, 81.9206



77.2273, 76.4134, 91.5719

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.



84.6424, 83.0200, 91.2442



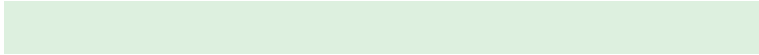
74.2982, 83.0200, 81.9206



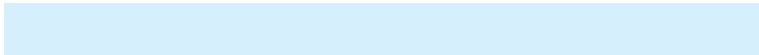
81.4798, 83.0200, 105.4784

Square

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



74.2982, 83.0200, 81.9206



75.8908, 83.0200, 104.5426



83.7047, 83.0200, 99.4338



82.0042, 83.0200, 77.5845

Rectangle

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



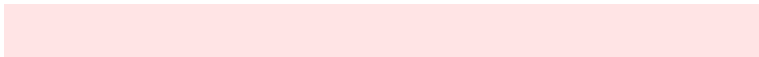
74.2982, 83.0200, 81.9206



73.6645, 83.0200, 95.1666



83.7047, 83.0200, 99.4338



84.3947, 83.0200, 85.7850

Sweetspot

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



74.3005, 83.0235, 81.9224



92.4724, 98.7551, 104.9898



79.5082, 85.7392, 80.7666



19.8199, 21.1507, 22.5131



0.0000, 0.0000, 0.0000



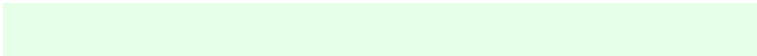
20.3446, 21.4041, 23.3091

Same Dimension

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



74.3005, 83.0235, 81.9224



82.8245, 94.0970, 90.2781



75.6039, 83.5449, 88.7861



15.6335, 17.6834, 17.0930



17.1778, 34.1632, 6.3195



1.4514, 2.8510, 0.6434

Inverse Universe

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



77.2273, 76.4134, 91.5719



87.0187, 84.6241, 104.1061



75.8814, 75.8750, 84.4845



16.3784, 16.0011, 19.5488



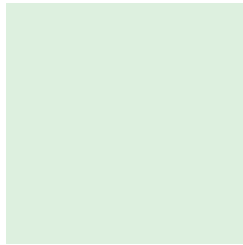
26.3973, 12.8314, 36.3384



2.2164, 1.0756, 3.1306

Previews

White Background



This preview shows how the XYZ color 74.2982, 83.0200, 81.9206 looks on a white background.

Color Contrast Check

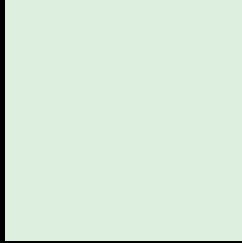
Large Text (above 18pt) WCAG AA × Fail

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 74.2982, 83.0200, 81.9206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

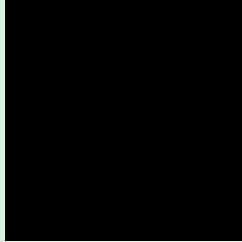
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

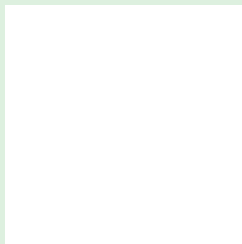
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.2982, 83.0200, 81.9206

Background



This preview shows how black text looks on a background with the XYZ color 74.2982, 83.0200, 81.9206.



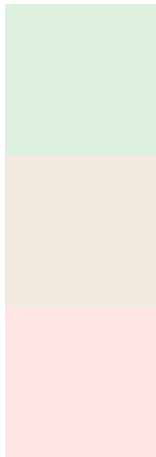
This preview shows how white text looks on a background with the XYZ color 74.2982, 83.0200,

81.9206.

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

74.2982, 83.0200, 81.9206

Protanopia

78.9590, 82.8902, 79.5480

Deuteranopia

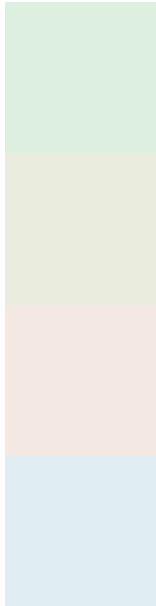
83.2629, 82.9001, 85.0117



Tritanopia

78.9618, 82.7412, 105.5748

Trichromacy



Original Color

74.2982, 83.0200, 81.9206

Protanomaly

76.9783, 82.7038, 80.3129

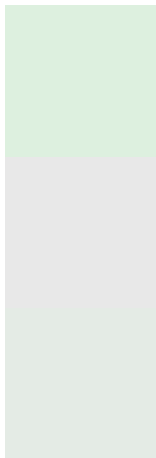
Deuteranomaly

79.8285, 82.8235, 83.7306

Tritanomaly

77.2023, 82.8867, 96.7238

Monochromacy



Original Color

74.2982, 83.0200, 81.9206

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

75.8461, 81.5678, 85.8754

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.2982, 83.0200, 81.9206 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(221, 240, 223) looks like.

```
.text, #text, p{  
    color:rgb(221, 240, 223)  
}
```

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(221, 240, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 240, 223) }
```

Border

The CSS property to change the border of an element to XYZ 74.2982, 83.0200, 81.9206 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(221, 240, 223) }
```


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

```
.border{ border-color:rgb(221, 240, 223) }
```

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

Here you see how a box with a 4 pixel rgb(221, 240, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 240, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 240, 223);  
box-shadow:4px 4px 4px 4px rgb(221, 240,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 74.2982, 83.0200, 81.9206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 240, 223) }
```

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

```
.background{ background-color: rgb(221,  
240, 223) }
```

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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