

# Converting Colors

XYZ(74.0059, 81.9976, 80.3855)

Have a look what the booklet for  
XYZ(74.0059, 81.9976, 80.3855)  
contains.

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# Color

**XYZ(74.0571, 82.0575,  
80.3421)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DFEEDD
RGB	223, 238, 221
RGB Percent	87%, 93%, 87%
CMY	0.1255, 0.0666, 0.1333
CMYK	0.06, 0.00, 0.07, 0.07
HSL	113°, 33%, 90%
HSV	113°, 7%, 93%
XYZ	74.0571, 82.0575, 80.3421
YIQ	231.5770, -3.4830, -8.4670

# Conversions

## Conversions Part 2

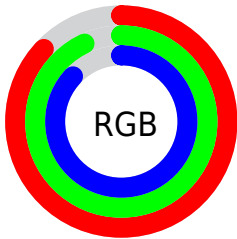
Format	Color
R <sub>Y</sub> B	221, 238, 236
Decimal	14675677
CIE Lab	92.60, -8.01, 6.51
CIE LCh	93, 10.325, 140.883
Yxy	82.0575, 0.3132, 0.3470
Android (android.graphics.Color)	4292865757 (0xFFDFEEDD)
YUV	231.5770, -5.2145, -7.5220
Hunter-Lab	90.5856, -12.5944, 10.8245

# Details

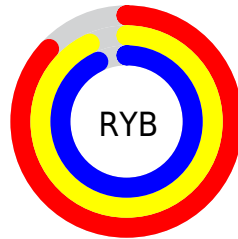
The XYZ color **74.0571, 82.0575, 80.3421** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.8844, 75.7211, 91.5092**, and the grayscale version is **76.4271, 80.4073, 87.5636**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.7593, 44.5339, 42.5768** is the 20% darker color. If you saturate the color by 10%, you get **65.0343, 77.7492, 64.5237**, and if you desaturate by 10%, it is **84.3367, 86.9664, 98.5693**.

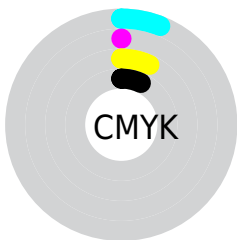
# Distribution



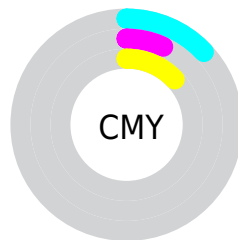
- Red (87%)
- Green (93%)
- Blue (87%)



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



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



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

# Brightness & Saturation Gradients

These gradients show how the XYZ color 74.0571, 82.0575, 80.3421 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 74.0571, 82.0575, 80.3421 by changing the saturation by 10% instead.



74.0571, 82.0575,  
80.3421

74.0571, 82.0575,  
80.3421

463.7177,  
501.8400, 515.8221

55.1322, 61.4129,  
59.4721

123.9718,  
136.2546, 135.6623

39.7419, 44.5585,  
42.5708

155.6924,  
170.5760, 170.9496

27.5206, 31.1098,  
29.2196

192.4088,  
210.2251, 211.8798

18.1032, 20.6825,  
19.0000

234.4866,  
255.5862, 258.8713

11.1243, 12.8921,  
11.4934

282.2910,  
307.0439, 312.3428

6.2184, 7.3543,  
6.2814

336.1874,

3.0202, 3.6846,

364.9825, 372.7127

2.9454

396.5412,  
429.7864, 440.3996

■ 1.1645, 1.4988,  
1.0668

■ 0.0780, 0.2879,  
0.0000

■ 74.0571, 82.0575,  
80.3421

■ 74.0571, 82.0575,  
80.3421

■ 65.0343, 77.7492,  
64.5237

■ 84.3367, 86.9664,  
98.5693

■ 57.2134, 74.0085,  
51.0084

■ 89.8661, 89.6323,  
107.1720

■ 50.5455, 70.8146,  
39.6902

■ 44.9757, 68.1420,  
30.4532

■ 40.4446, 65.9626,  
23.1705

■ 36.8872, 64.2461,  
17.7017

■ 34.2310, 62.9584,  
13.8873

■ 32.3931, 62.0610,  
11.5404

■ 31.2726, 61.5070,  
10.4190

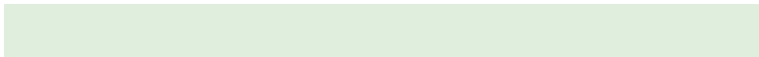
# Harmonies

## Analogous

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



76.1679, 82.0575, 76.2362



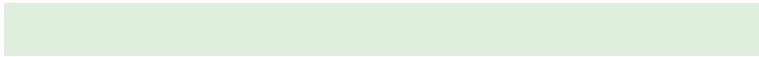
74.0571, 82.0575, 80.3421



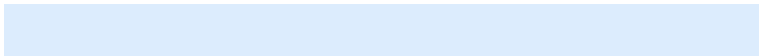
73.0076, 82.0575, 87.0251

# Triad

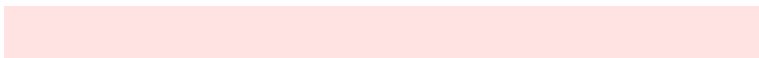
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.0571, 82.0575, 80.3421



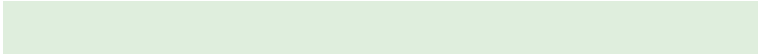
77.1783, 82.0575, 104.7497



82.9152, 82.0575, 84.1808

# Complementary

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



74.0571, 82.0575, 80.3421



75.8844, 75.7211, 91.5092

# 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.



83.2008, 82.0575, 91.7092



74.0571, 82.0575, 80.3421



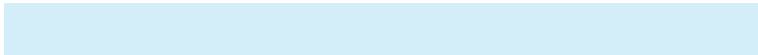
79.8474, 82.0575, 103.8802

# Square

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



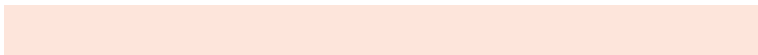
74.0571, 82.0575, 80.3421



74.7822, 82.0575, 101.3121



82.0663, 82.0575, 99.0001

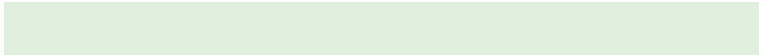


81.2948, 82.0575, 78.3625



# Rectangle

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



74.0571, 82.0575, 80.3421



73.0340, 82.0575, 92.1665



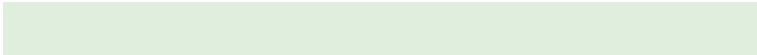
82.0663, 82.0575, 99.0001



83.1720, 82.0575, 86.5849

# Sweetspot

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



74.0594, 82.0610, 80.3439



92.6033, 98.8323, 104.5561



78.2333, 83.2390, 80.3513



19.8466, 21.1664, 22.4248



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

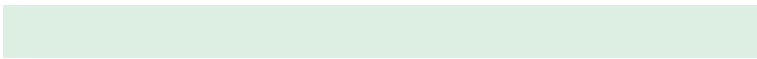
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.0594, 82.0610, 80.3439



84.5107, 94.9685, 90.2577



74.2933, 82.0838, 84.7724



15.7385, 17.7454, 16.7454



17.3794, 34.2810, 5.7009



1.5016, 2.8806, 0.4769



# Inverse Universe

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



75.8844, 75.7211, 91.5092



87.1747, 85.7131, 106.5574



75.6516, 75.7051, 86.7986



16.2606, 15.9316, 19.9397



23.5120, 11.1263, 46.0362

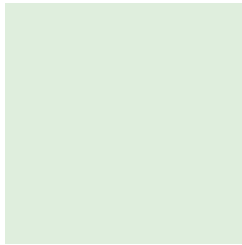


2.0073, 0.9520, 3.8322



# Previews

## White Background



This preview shows how the XYZ color 74.0571, 82.0575, 80.3421 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

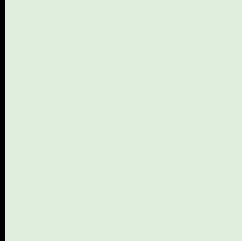
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 74.0571, 82.0575, 80.3421 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

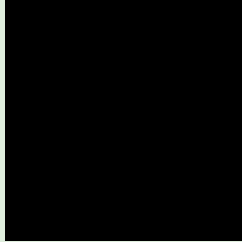
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

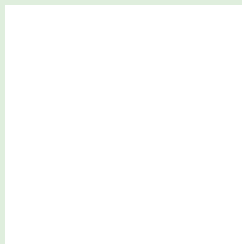
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 74.0571, 82.0575, 80.3421

## Background



This preview shows how black text looks on a background with the XYZ color 74.0571, 82.0575, 80.3421.



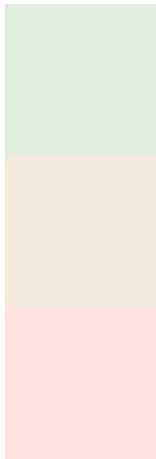
This preview shows how white text looks on a background with the XYZ color 74.0571, 82.0575,



# 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

74.0571, 82.0575, 80.3421

### Protanopia

78.0694, 82.0406, 78.0504

### Deuteranopia

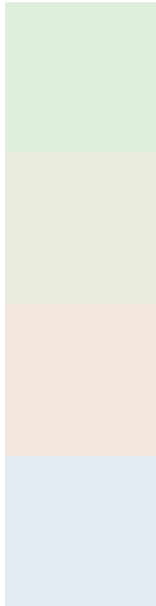
82.2997, 81.6344, 82.6535



## **Tritanopia**

78.7045, 81.8001, 103.7363

# Trichromacy



## Original Color

74.0571, 82.0575, 80.3421

## Protanomaly

76.4262, 82.0236, 78.8219

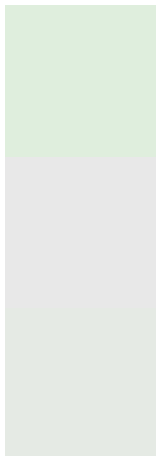
## Deuteranomaly

78.9926, 81.5883, 82.1058

## Tritanomaly

76.9495, 81.9363, 94.9787

# Monochromacy



## Original Color

74.0571, 82.0575, 80.3421

## Achromatopsia

76.7008, 80.6952, 87.8771

## Achromatomaly

75.7395, 81.1051, 85.0617

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 74.0571, 82.0575, 80.3421 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(223, 238, 221) looks like.

```
.text, #text, p{  
    color:rgb(223, 238, 221)  
}
```

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(223, 238, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 238, 221) }
```

## Border

The CSS property to change the border of an element to XYZ 74.0571, 82.0575, 80.3421 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(223, 238, 221) }
```



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

```
.border{ border-color:rgb(223, 238, 221) }
```

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

Here you see how a box with a 4 pixel rgb(223, 238, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 238, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 238, 221);  
box-shadow:4px 4px 4px 4px rgb(223, 238,  
221) }
```

# Background

The CSS property to change the background color of an element to XYZ 74.0571, 82.0575, 80.3421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 238, 221) }
```

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

```
.background{ background-color: rgb(223,  
238, 221) }
```

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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