

Converting Colors

XYZ(74.1555, 81.9323, 84.0237)

Have a look what the booklet for
XYZ(74.1555, 81.9323, 84.0237)
contains.

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Color

**XYZ(74.1208, 82.0122,
83.8749)**

Conversions

Conversions Part 1

Format	Color
Hex	DDEEE2
RGB	221, 238, 226
RGB Percent	87%, 93%, 89%
CMY	0.1333, 0.0666, 0.1137
CMYK	0.07, 0.00, 0.05, 0.07
HSL	138°, 33%, 90%
HSV	138°, 7%, 93%
XYZ	74.1208, 82.0122, 83.8749
YIQ	231.5490, -6.2800, -7.3360

Conversions

Conversions Part 2

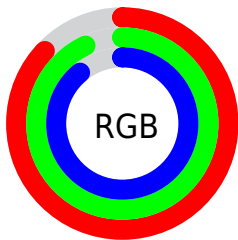
Format	Color
R _Y B	221, 234, 238
Decimal	14544610
CIE Lab	92.58, -7.79, 3.87
CIE LCh	93, 8.700, 153.598
Yxy	82.0122, 0.3088, 0.3417
Android (android.graphics.Color)	4292734690 (0xFFDDEEE2)
YUV	231.5490, -2.7357, -9.2515
Hunter-Lab	90.5606, -12.3848, 8.4795

Details

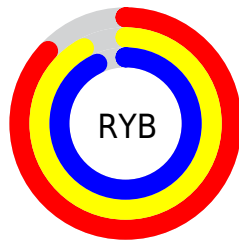
The XYZ color **74.1208, 82.0122, 83.8749** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.8273, 75.7753, 87.7243**, and the grayscale version is **76.3898, 80.3680, 87.5208**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8045, 44.5032, 45.0201** is the 20% darker color. If you saturate the color by 10%, you get **65.1882, 77.6631, 72.0063**, and if you desaturate by 10%, it is **84.3113, 86.9883, 96.9852**.

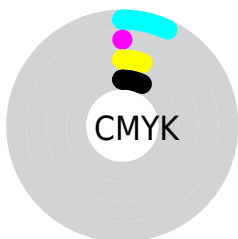
Distribution



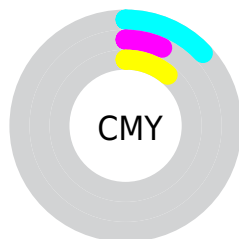
- Red (87%)
- Green (93%)
- Blue (89%)



- Red (87%)
- Yellow (92%)
- Blue (93%)



- Cyan (7%)
- Magenta (0%)
- Yellow (5%)
- Black (7%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.1208, 82.0122, 83.8749 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 74.1208, 82.0122, 83.8749 by changing the saturation by 10% instead.

74.1208, 82.0122,
83.8749

74.1208, 82.0122,
83.8749

463.9341,
501.6885, 527.9449

55.1845, 61.3756,
62.3674

124.0616,
136.1911, 140.6603

39.7839, 44.5284,
44.8919

155.7969,
170.5022, 176.7753

27.5536, 31.0861,
31.0300

192.5292,
210.1402, 218.5965

18.1281, 20.6644,
20.3630

234.6239,
255.4896, 266.5425

11.1423, 12.8789,
12.4725

282.4464,
306.9347, 321.0318

6.2306, 7.3452,
6.9399

336.3621,

3.0278, 3.6789,

364.8600, 382.4829

3.3467

396.7361,
429.6498, 451.3144

■ 1.1685, 1.4956,
1.2743

■ 0.0813, 0.2856,
0.0406

■ 74.1208, 82.0122,
83.8749

■ 74.1208, 82.0122,
83.8749

■ 65.1882, 77.6631,
72.0063

■ 84.3113, 86.9883,
96.9852

■ 57.4570, 73.9056,
61.3379

■ 89.8661, 89.6322,
107.1720

■ 50.8769, 70.7170,
51.8337

■ 45.3910, 68.0687,
43.4540

■ 40.9375, 65.9297,
36.1567

■ 37.4482, 64.2659,
29.8972

■ 34.8465, 63.0386,
24.6275

■ 33.0429, 62.2028,
20.2960

■ 31.9239, 61.7012,
16.8454

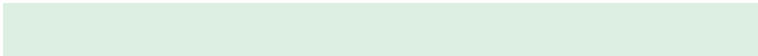
Harmonies

Analogous

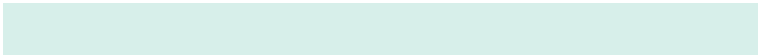
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.5692, 82.0122, 79.3234



74.1208, 82.0122, 83.8749



73.6915, 82.0122, 90.0810

Triad

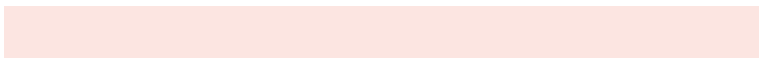
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.1208, 82.0122, 83.8749



78.2233, 82.0122, 102.3082



81.6275, 82.0122, 82.5835

Complementary

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



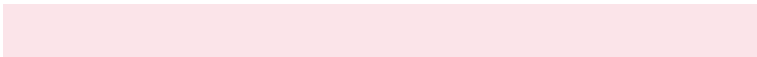
74.1208, 82.0122, 83.8749



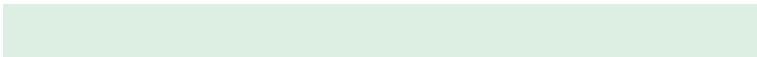
75.8273, 75.7753, 87.7243

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.



82.3698, 82.0122, 88.5182



74.1208, 82.0122, 83.8749



80.3806, 82.0122, 100.0741

Square

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



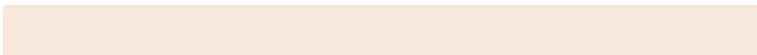
74.1208, 82.0122, 83.8749



76.0330, 82.0122, 100.9196



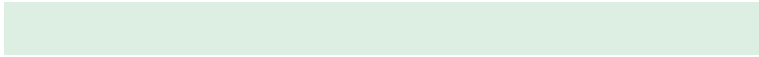
81.9091, 82.0122, 94.9486



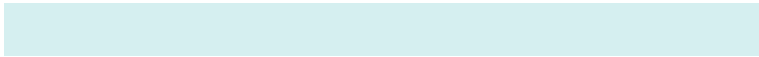
79.8992, 82.0122, 78.6035

Rectangle

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



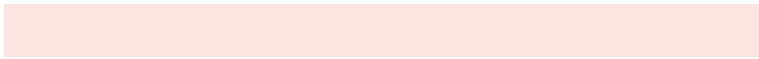
74.1208, 82.0122, 83.8749



74.0339, 82.0122, 94.3747



81.9091, 82.0122, 94.9486



82.0021, 82.0122, 84.4054

Sweetspot

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



74.1231, 82.0157, 83.8767



92.6242, 98.8158, 105.7890



77.2930, 83.7280, 80.4951



19.8508, 21.1631, 22.6759



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

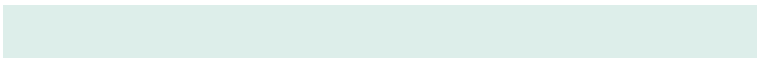
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.1231, 82.0157, 83.8767



84.6052, 94.9043, 95.3648



75.2929, 82.4836, 90.0367



15.7571, 17.7329, 17.7439



17.7231, 34.3813, 9.1910



1.5163, 2.8770, 0.9853

Inverse Universe

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



75.8273, 75.7753, 87.7243



87.0930, 85.7943, 100.9811



74.6663, 75.3109, 81.6107



16.2446, 15.9476, 18.8445



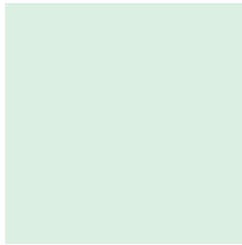
23.6746, 11.7423, 22.0008



2.0128, 0.9942, 2.0581

Previews

White Background



This preview shows how the XYZ color 74.1208, 82.0122, 83.8749 looks on a white background.

Color Contrast Check

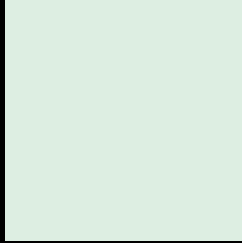
Large Text (above 18pt) WCAG AA × Fail

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 74.1208, 82.0122, 83.8749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

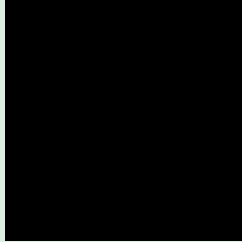
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

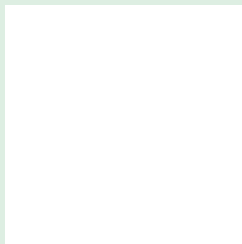
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.1208, 82.0122, 83.8749

Background



This preview shows how black text looks on a background with the XYZ color 74.1208, 82.0122, 83.8749.

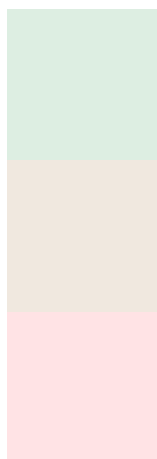


This preview shows how white text looks on a background with the XYZ color 74.1208, 82.0122,

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

74.1208, 82.0122, 83.8749

Protanopia

78.1111, 81.5662, 81.4390

Deuteranopia

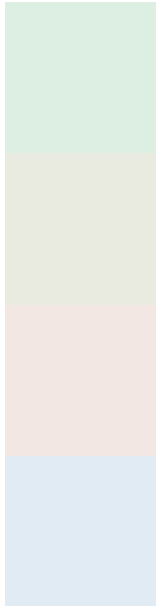
82.8519, 81.8553, 85.5616



Tritanopia

78.2038, 81.9450, 104.6237

Trichromacy



Original Color

74.1208, 82.0122, 83.8749

Protanomaly

76.4816, 81.5511, 82.2309

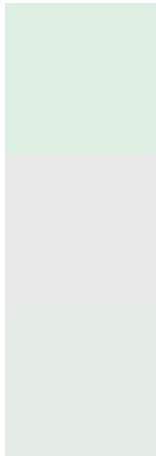
Deuteranomaly

79.5417, 81.8080, 84.9970

Tritanomaly

76.6265, 81.7350, 96.5318

Monochromacy



Original Color

74.1208, 82.0122, 83.8749

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

75.7007, 81.0528, 86.5178

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.1208, 82.0122, 83.8749 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, 238, 226) looks like.

```
.text, #text, p{  
    color:rgb(221, 238, 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(221, 238, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 238, 226) }
```

Border

The CSS property to change the border of an element to XYZ 74.1208, 82.0122, 83.8749 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, 238, 226) }
```


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

```
.border{ border-color:rgb(221, 238, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 238, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 238, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 238, 226);  
box-shadow:4px 4px 4px 4px rgb(221, 238,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 74.1208, 82.0122, 83.8749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 238, 226) }
```

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

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