

Converting Colors

XYZ(74.4252, 82.0533, 84.2228)

Have a look what the booklet for
XYZ(74.4252, 82.0533, 84.2228)
contains.

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Color

**XYZ(74.4262, 82.1697,
83.8892)**

Conversions

Conversions Part 1

Format	Color
Hex	DEEEE2
RGB	222, 238, 226
RGB Percent	87%, 93%, 89%
CMY	0.1294, 0.0666, 0.1137
CMYK	0.07, 0.00, 0.05, 0.07
HSL	135°, 32%, 90%
HSV	135°, 7%, 93%
XYZ	74.4262, 82.1697, 83.8892
YIQ	231.8480, -5.6840, -7.1240

Conversions

Conversions Part 2

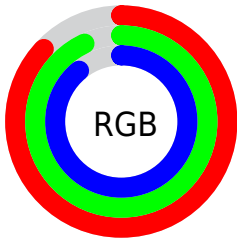
Format	Color
R_{YB}	222, 235, 238
Decimal	14610146
CIE _{Lab}	92.65, -7.46, 3.98
CIE _{LCh}	93, 8.455, 151.935
Y _{xy}	82.1697, 0.3095, 0.3417
Android (android.graphics.Color)	4292800226 (0xFFDEEEE2)
YUV	231.8480, -2.8831, -8.6367
Hunter-Lab	90.6475, -12.0756, 8.5837

Details

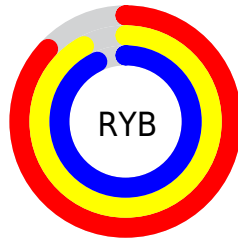
The XYZ color **74.4262, 82.1697, 83.8892** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.2354, 76.3622, 88.5672**, and the grayscale version is **76.6140, 80.6039, 87.7776**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0150, 44.6117, 45.0300** is the 20% darker color. If you saturate the color by 10%, you get **65.3215, 77.7469, 71.3354**, and if you desaturate by 10%, it is **84.8196, 87.2321, 97.8381**.

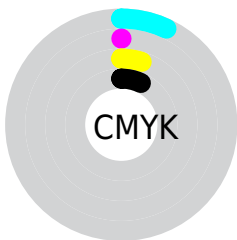
Distribution



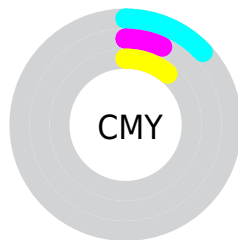
- Red (87%)
- Green (93%)
- Blue (89%)



- 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 74.4262, 82.1697, 83.8892 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 74.4262, 82.1697, 83.8892 by changing the saturation by 10% instead.

74.4262, 82.1697,
83.8892

74.4262, 82.1697,
83.8892

464.9706,
502.2152, 527.9937

55.4355, 61.5054,
62.3791

124.4921,
136.4120, 140.6805

39.9857, 44.6332,
44.9013

156.2979,
170.7587, 176.7988

27.7115, 31.1686,
31.0373

193.1061,
210.4351, 218.6236

18.2477, 20.7273,
20.3686

235.2821,
255.8255, 266.5734

11.2287, 12.9248,
12.4765

283.1912,
307.3143, 321.0668

6.2893, 7.3768,
6.9426

337.1987,

3.0641, 3.6988,

365.2859, 382.5222

3.3483

397.6701,
430.1247, 451.3584

■ 1.1878, 1.5066,
1.2751

■ 0.0967, 0.2933,
0.0413

■ 74.4262, 82.1697,
83.8892

■ 74.4262, 82.1697,
83.8892

■ 65.3215, 77.7469,
71.3354

■ 84.8196, 87.2321,
97.8381

■ 57.4480, 73.9278,
60.1284

■ 89.8662, 89.6323,
107.1721

■ 50.7539, 70.6892,
50.2248

■ 45.1812, 68.0019,
41.5772

■ 40.6666, 65.8346,
34.1350

■ 37.1405, 64.1524,
27.8443

■ 34.5246, 62.9162,
22.6471

■ 32.7281, 62.0804,
18.4800

■ 31.6377, 61.5882,
15.2729

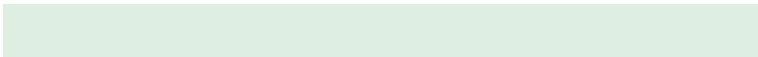
Harmonies

Analogous

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



75.8836, 82.1697, 79.5762



74.4262, 82.1697, 83.8892



73.9479, 82.1697, 89.8785

Triad

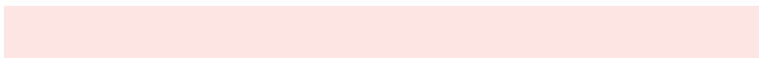
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.4262, 82.1697, 83.8892



78.2427, 82.1697, 102.1313



81.7451, 82.1697, 83.2123

Complementary

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



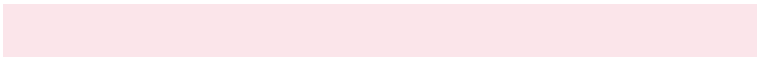
74.4262, 82.1697, 83.8892



76.2354, 76.3622, 88.5672

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.



82.4044, 82.1697, 89.0604



74.4262, 82.1697, 83.8892



80.3589, 82.1697, 100.1491

Square

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



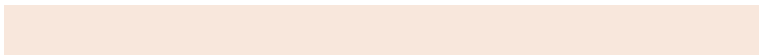
74.4262, 82.1697, 83.8892



76.1265, 82.1697, 100.5907



81.8924, 82.1697, 95.2905



80.1070, 82.1697, 79.1985

Rectangle

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



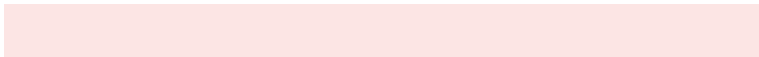
74.4262, 82.1697, 83.8892



74.2412, 82.1697, 94.0711



81.8924, 82.1697, 95.2905



82.0899, 82.1697, 85.0191

Sweetspot

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



74.4285, 82.1732, 83.8910



92.5887, 98.8016, 105.6020



77.7820, 83.9647, 81.2155



19.8436, 21.1602, 22.6378



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

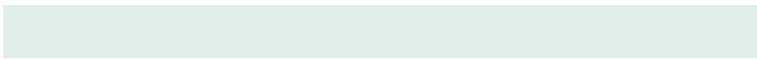
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.4285, 82.1732, 83.8910



85.5725, 95.3876, 96.1054



75.5144, 82.6076, 89.6094



15.7280, 17.7212, 17.5903



17.5485, 34.3114, 8.2715



1.4984, 2.8698, 0.8912

Inverse Universe

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



76.2354, 76.3622, 88.5672



88.0737, 87.3438, 102.5780



75.1479, 75.9272, 82.8400



16.2756, 15.9599, 19.0075



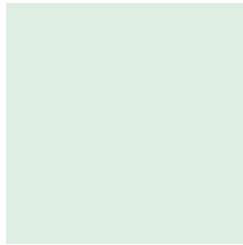
24.2378, 11.9675, 24.9664



2.0558, 1.0114, 2.2846

Previews

White Background



This preview shows how the XYZ color 74.4262, 82.1697, 83.8892 looks on a white background.

Color Contrast Check

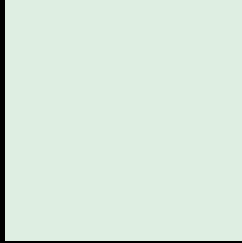
Large Text (above 18pt) WCAG AA × Fail

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 74.4262, 82.1697, 83.8892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

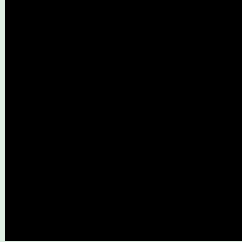
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

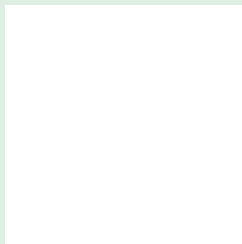
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.4262, 82.1697, 83.8892

Background



This preview shows how black text looks on a background with the XYZ color 74.4262, 82.1697, 83.8892.

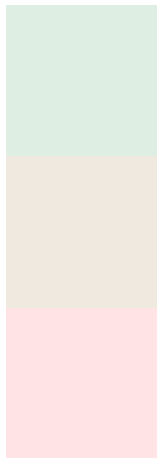


This preview shows how white text looks on a background with the XYZ color 74.4262, 82.1697,

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

74.4262, 82.1697, 83.8892

Protanopia

78.3934, 82.1308, 81.5331

Deuteranopia

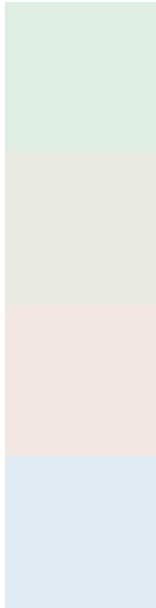
82.8519, 81.8553, 85.5616



Tritanopia

78.5165, 82.1062, 104.6383

Trichromacy



Original Color

74.4262, 82.1697, 83.8892

Protanomaly

76.7671, 82.1221, 82.3261

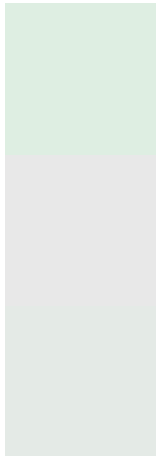
Deuteranomaly

79.5417, 81.8080, 84.9970

Tritanomaly

76.9373, 81.8953, 96.5464

Monochromacy



Original Color

74.4262, 82.1697, 83.8892

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 74.4262, 82.1697, 83.8892 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, 238, 226)` looks like.

```
.text, #text, p{  
    color:rgb(222, 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(222, 238, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 238, 226) }
```

Border

The CSS property to change the border of an element to XYZ 74.4262, 82.1697, 83.8892 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, 238, 226) }
```


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

```
.border{ border-color:rgb(222, 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(222, 238, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 238, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 238, 226);  
box-shadow:4px 4px 4px 4px rgb(222, 238,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 74.4262, 82.1697, 83.8892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 238, 226) }
```

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

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