

Converting Colors

XYZ(74.7934, 81.9802, 97.0724)

Have a look what the booklet for
XYZ(74.7934, 81.9802, 97.0724)
contains.

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Color

**XYZ(74.9280, 82.1278,
97.4911)**

Conversions

Conversions Part 1

Format	Color
Hex	D7EEF4
RGB	215, 238, 244
RGB Percent	84%, 93%, 96%
CMY	0.1569, 0.0666, 0.0431
CMYK	0.12, 0.02, 0.00, 0.04
HSL	192°, 57%, 90%
HSV	192°, 12%, 96%
XYZ	74.9280, 82.1278, 97.4911
YIQ	231.8070, -15.6340, -3.0100

Conversions

Conversions Part 2

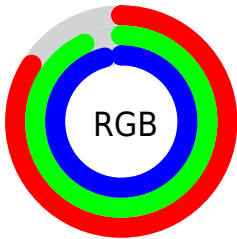
Format	Color
R _Y B	215, 228, 244
Decimal	14151412
CIE Lab	92.63, -6.35, -5.47
CIE LCh	93, 8.381, 220.758
Yxy	82.1278, 0.2944, 0.3226
Android (android.graphics.Color)	4292341492 (0xFFD7EEF4)
YUV	231.8070, 6.0111, -14.7397
Hunter-Lab	90.6244, -11.0094, -0.3454

Details

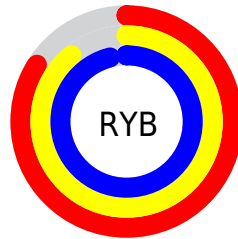
The XYZ color **74.9280, 82.1278, 97.4911** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **75.4309, 75.8520, 74.9567**, and the grayscale version is **76.5243, 80.5095, 87.6748**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.3023, 44.5603, 54.0538** is the 20% darker color. If you saturate the color by 10%, you get **66.8428, 75.8116, 96.6994**, and if you desaturate by 10%, it is **84.1277, 89.0841, 98.3502**.

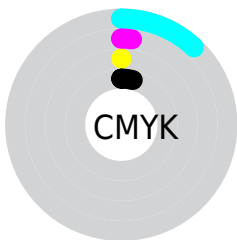
Distribution



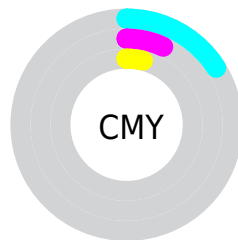
- Red (84%)
- Green (93%)
- Blue (96%)



- Red (84%)
- Yellow (89%)
- Blue (96%)



- Cyan (12%)
- Magenta (2%)
- Yellow (0%)
- Black (4%)



- Cyan (16%)
- Magenta (7%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.9280, 82.1278, 97.4911 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 74.9280, 82.1278, 97.4911 by changing the saturation by 10% instead.

■ 74.9280, 82.1278,
97.4911

■ 74.9280, 82.1278,
97.4911

466.6711,
502.0751, 573.2964

■ 55.8479, 61.4709,
73.6018

125.1989,
136.3532, 159.7268

■ 40.3175, 44.6053,
53.9733

157.1204,
170.6905, 198.9101

■ 27.9715, 31.1466,
38.1873

194.0530,
210.3567, 244.0286

■ 18.4445, 20.7105,
25.8251

236.3622,
255.7362, 295.5008

■ 11.3712, 12.9126,
16.4683

284.4132,
307.2134, 353.7451

■ 6.3862, 7.3684,
9.6982

338.5714,

■ 3.1242, 3.6935,

365.1726, 419.1801

5.0963

399.2023,
429.9984, 492.2243

■ 1.2198, 1.5036,
2.2442

■ 0.1219, 0.2913,
0.6997

■ 74.9280, 82.1278,
97.4911

■ 74.9280, 82.1278,
97.4911

■ 66.8428, 75.8116,
96.6994

■ 84.1277, 89.0841,
98.3502

■ 59.8174, 70.1002,
95.9673

■ 91.1663, 94.9856,
99.1183

■ 53.8034, 64.9703,
95.2941

■ 92.7393, 98.1317,
99.6427

■ 48.7452, 60.3928,
94.6771

■ 93.3294, 99.3118,
99.8394

■ 44.5822, 56.3359,
94.1135

■ 41.2461, 52.7639,
93.5998

■ 38.6589, 49.6359,
93.1324

■ 36.7261, 46.9029,
92.7068

■ 35.5206, 44.9141,
92.3864

Harmonies

Analogous

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



74.0143, 82.1278, 91.6825



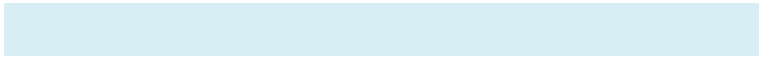
74.9280, 82.1278, 97.4911



76.6868, 82.1278, 101.2418

Triad

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



74.9280, 82.1278, 97.4911



82.0844, 82.1278, 93.4379



77.2803, 82.1278, 78.1413

Complementary

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



74.9280, 82.1278, 97.4911



75.4309, 75.8520, 74.9567

Split Complementary

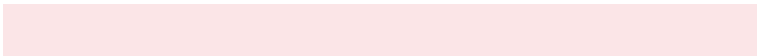
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.4495, 82.1278, 78.5622



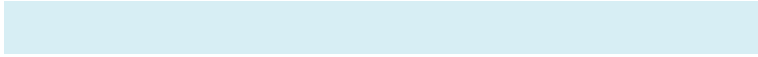
74.9280, 82.1278, 97.4911



82.2505, 82.1278, 87.2013

Square

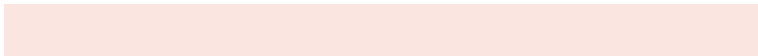
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.9280, 82.1278, 97.4911



80.8285, 82.1278, 98.8274



81.2781, 82.1278, 81.8132



75.3555, 82.1278, 80.6354

Rectangle

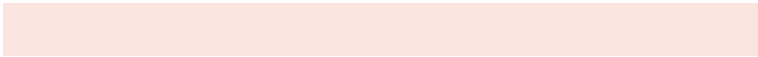
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



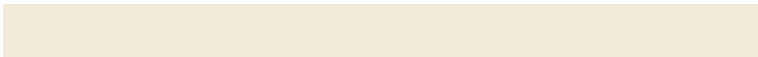
74.9280, 82.1278, 97.4911



78.1154, 82.1278, 101.9709



81.2781, 82.1278, 81.8132



78.0046, 82.1278, 77.9496

Sweetspot

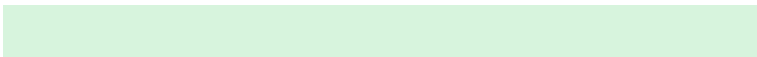
The Sweet Spot groups the original color and five complimentary colors.



74.9304, 82.1312, 97.4929



90.7273, 96.7782, 108.5060



73.4009, 84.3597, 80.6828



19.2503, 20.5876, 23.2092



0.0000, 0.0000, 0.0000



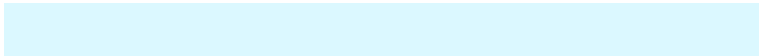
20.3446, 21.4041, 23.3091

Same Dimension

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



74.9304, 82.1312, 97.4929



80.8038, 89.2268, 107.5714



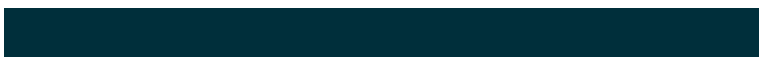
70.9300, 74.1304, 96.1595



16.6888, 18.1418, 21.1647



19.4152, 24.6243, 50.2677



1.7779, 2.3072, 4.4419

Inverse Universe

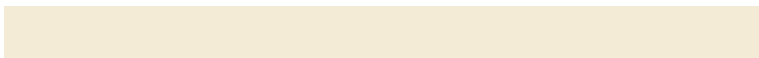
The Inverse Universe completely reimagines the original color for something new.



77.0432, 74.0087, 91.1174



83.5339, 78.8333, 99.3102



79.3696, 83.7294, 76.2696



17.0582, 16.7061, 20.0532



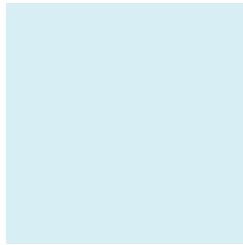
25.6044, 12.5852, 28.9550



2.2865, 1.1205, 2.7349

Previews

White Background



This preview shows how the XYZ color 74.9280, 82.1278, 97.4911 looks on a white background.

Color Contrast Check

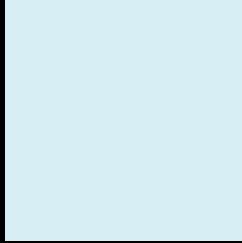
Large Text (above 18pt) WCAG AA × Fail

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 74.9280, 82.1278, 97.4911 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

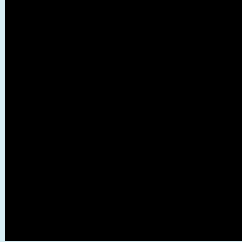
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

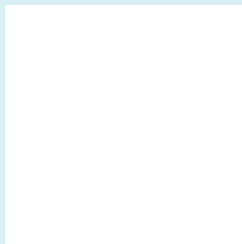
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.9280, 82.1278, 97.4911

Background



This preview shows how black text looks on a background with the XYZ color 74.9280, 82.1278, 97.4911.

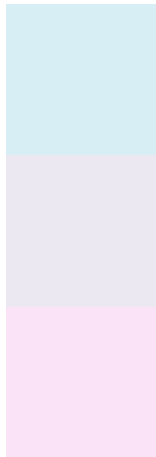


This preview shows how white text looks on a background with the XYZ color 74.9280, 82.1278,

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

74.9280, 82.1278, 97.4911

Protanopia

79.3259, 81.8970, 94.8459

Deuteranopia

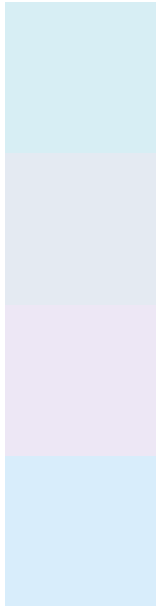
83.5280, 81.9160, 98.5977



Tritanopia

76.6607, 81.9626, 106.3877

Trichromacy



Original Color

74.9280, 82.1278, 97.4911

Protanomaly

77.4447, 81.7504, 95.7020

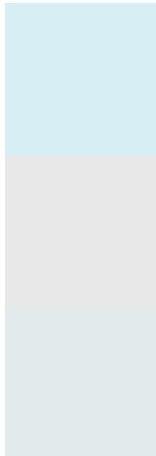
Deuteranomaly

79.9824, 81.7489, 97.9498

Tritanomaly

76.0157, 82.1323, 103.1135

Monochromacy



Original Color

74.9280, 82.1278, 97.4911

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

75.9272, 81.0705, 91.0033

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.9280, 82.1278, 97.4911 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(215, 238, 244)` looks like.

```
.text, #text, p{  
    color:rgb(215, 238, 244)  
}
```

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(215, 238, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 238, 244) }
```

Border

The CSS property to change the border of an element to XYZ 74.9280, 82.1278, 97.4911 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(215, 238, 244) }
```


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

```
.border{ border-color:rgb(215, 238, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 238, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 238, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 238, 244);  
box-shadow:4px 4px 4px 4px rgb(215, 238,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 74.9280, 82.1278, 97.4911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 238, 244) }
```

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

```
.background{ background-color: rgb(215,  
238, 244) }
```

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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