

Converting Colors

XYZ(74.8158, 83.0409,
102.7791)

Have a look what the booklet for
XYZ(74.8158, 83.0409, 102.7791)
contains.

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Color

**XYZ(74.7099, 82.7776,
102.4825)**

Conversions

Conversions Part 1

Format	Color
Hex	D1F0FA
RGB	209, 240, 250
RGB Percent	82%, 94%, 98%
CMY	0.1804, 0.0588, 0.0196
CMYK	0.16, 0.04, 0.00, 0.02
HSL	195°, 80%, 90%
HSV	195°, 16%, 98%
XYZ	74.7099, 82.7776, 102.4825
YIQ	231.8710, -21.6860, -3.4620

Conversions

Conversions Part 2

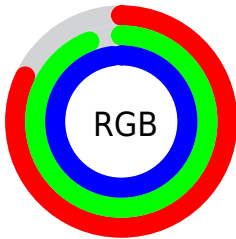
Format	Color
R _Y B	209, 227, 250
Decimal	13758714
CIE Lab	92.92, -8.03, -8.21
CIE LCh	93, 11.486, 225.654
Yxy	82.7776, 0.2874, 0.3184
Android (android.graphics.Color)	4291948794 (0xFFD1F0FA)
YUV	231.8710, 8.9376, -20.0579
Hunter-Lab	90.9822, -12.6438, -3.0968

Details

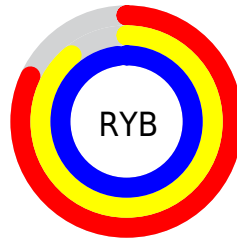
The XYZ color **74.7099, 82.7776, 102.4825** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.2651, 75.5904, 70.8940**, and the grayscale version is **76.5541, 80.5409, 87.7091**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2045, 45.0460, 57.6147** is the 20% darker color. If you saturate the color by 10%, you get **66.4203, 75.8869, 101.5907**, and if you desaturate by 10%, it is **84.1745, 90.3679, 103.4501**.

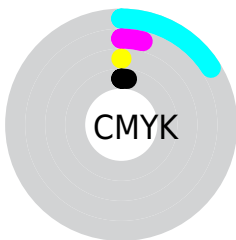
Distribution



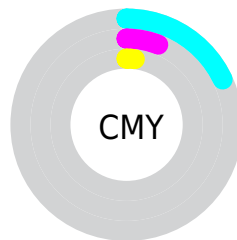
- Red (82%)
- Green (94%)
- Blue (98%)



- Red (82%)
- Yellow (89%)
- Blue (98%)



- Cyan (16%)
- Magenta (4%)
- Yellow (0%)
- Black (2%)



- Cyan (18%)
- Magenta (6%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.7099, 82.7776, 102.4825 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 74.7099, 82.7776, 102.4825 by changing the saturation by 10% instead.

■ 74.7099, 82.7776,
102.4825

■ 74.7099, 82.7776,
102.4825

465.9324,
504.2450, 589.4373

■ 55.6686, 62.0067,
77.7470

124.8917,
137.2639, 166.6461

■ 40.1732, 45.0381,
57.3509

156.7630,
171.7481, 206.9112

■ 27.8585, 31.4874,
40.8758

193.6416,
211.5723, 253.1900

■ 18.3589, 20.9703,
27.9031

235.8929,
257.1207, 305.9010

■ 11.3092, 13.1023,
18.0142

283.8823,
308.7777, 365.4627

■ 6.3440, 7.4990,
10.7907

337.9751,

■ 3.0980, 3.7761,

366.9279, 432.2936

5.8138

398.5367,
431.9555, 506.8123

■ 1.2058, 1.5491,
2.6653

■ 0.1109, 0.3229,
0.9259

■ 74.7099, 82.7776,
102.4825

■ 74.7099, 82.7776,
102.4825

■ 66.4203, 75.8869,
101.5907

■ 84.1745, 90.3679,
103.4501

■ 59.2462, 69.6577,
100.7665

■ 93.3677, 97.9064,
104.4206

■ 53.1338, 64.0636,
100.0088

■ 94.2556, 99.6822,
104.7166

■ 48.0217, 59.0720,
99.3148

■ 43.8418, 54.6469,
98.6810

■ 40.5172, 50.7478,
98.1036

■ 37.9578, 47.3273,
97.5783

■ 36.0514, 44.3266,
97.0996

■ 35.4628, 43.3168,
96.9357

Harmonies

Analogous

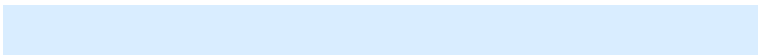
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.2472, 82.7776, 94.6673



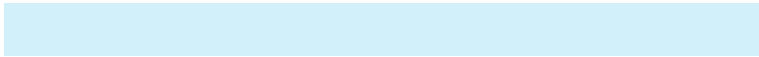
74.7099, 82.7776, 102.4825



77.2555, 82.7776, 107.1212

Triad

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



74.7099, 82.7776, 102.4825



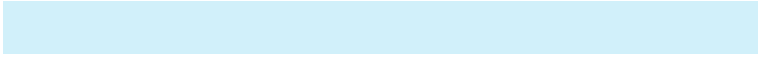
84.4058, 82.7776, 94.2908



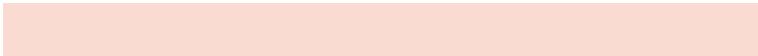
77.1297, 82.7776, 75.1256

Complementary

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



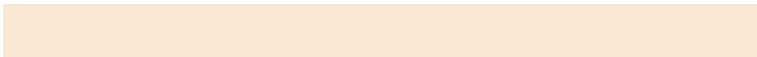
74.7099, 82.7776, 102.4825



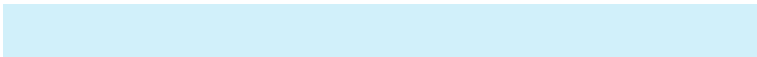
76.2651, 75.5904, 70.8940

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.



80.1171, 82.7776, 75.0391



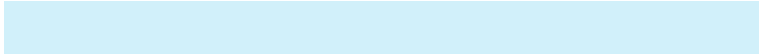
74.7099, 82.7776, 102.4825



84.3700, 82.7776, 85.7415

Square

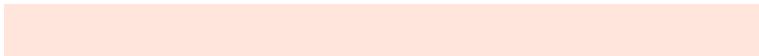
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.7099, 82.7776, 102.4825



82.8799, 82.7776, 102.1918



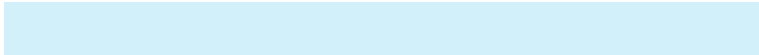
82.7834, 82.7776, 78.8136



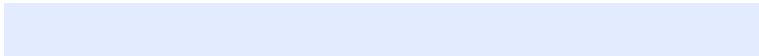
74.6198, 82.7776, 79.0581

Rectangle

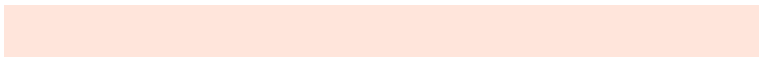
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



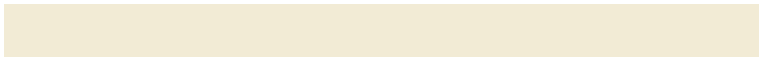
74.7099, 82.7776, 102.4825



79.2479, 82.7776, 107.6103



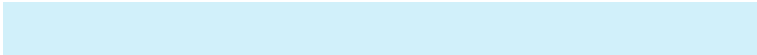
82.7834, 82.7776, 78.8136



78.1100, 82.7776, 74.6546

Sweetspot

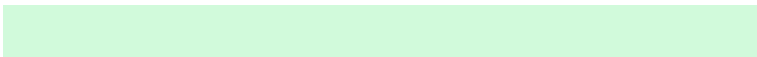
The Sweet Spot groups the original color and five complimentary colors.



74.7123, 82.7810, 102.4844



89.5301, 95.6940, 108.3598



73.2108, 87.0197, 79.6585



19.0026, 20.3562, 23.1775



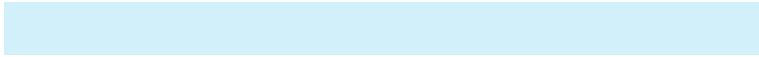
0.0000, 0.0000, 0.0000



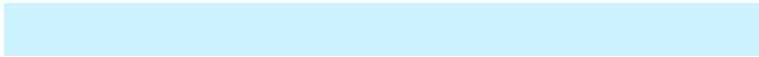
20.3446, 21.4041, 23.3091

Same Dimension

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



74.7123, 82.7810, 102.4844



74.8724, 83.8985, 106.8556



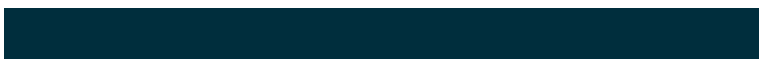
69.1271, 71.6105, 100.6226



17.3863, 18.8494, 22.1072



18.9288, 23.2132, 51.4565



1.8356, 2.3149, 4.7932

Inverse Universe

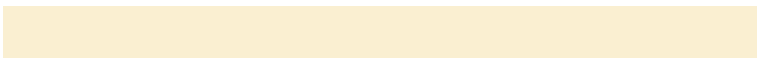
The Inverse Universe completely reimagines the original color for something new.



77.9549, 72.2180, 92.2728



78.9449, 70.8905, 93.9724



81.8204, 86.7010, 72.7458



17.8015, 17.4480, 20.8105



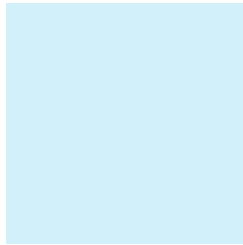
25.8464, 12.7543, 26.9633



2.4354, 1.1979, 2.7164

Previews

White Background



This preview shows how the XYZ color 74.7099, 82.7776, 102.4825 looks on a white background.

Color Contrast Check

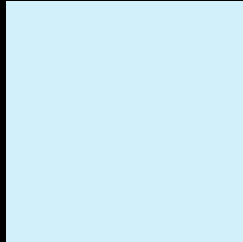
Large Text (above 18pt) WCAG AA × Fail

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 74.7099, 82.7776, 102.4825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

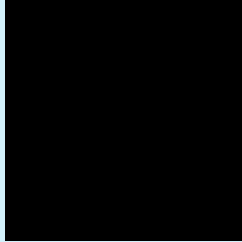
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

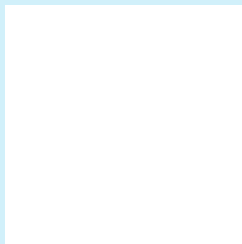
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.7099, 82.7776, 102.4825

Background



This preview shows how black text looks on a background with the XYZ color 74.7099, 82.7776, 102.4825.

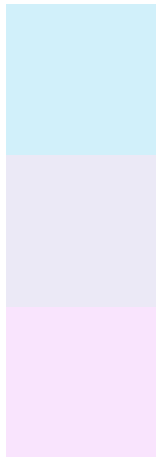


This preview shows how white text looks on a background with the XYZ color 74.7099, 82.7776,

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

74.7099, 82.7776, 102.4825

Protanopia

80.0344, 82.5938, 98.9127

Deuteranopia

84.5399, 82.7184, 104.4390



Tritanopia

76.3561, 82.6652, 106.5393

Trichromacy



Original Color

74.7099, 82.7776, 102.4825

Protanomaly

78.1480, 82.8751, 99.8733

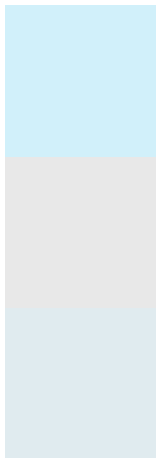
Deuteranomaly

80.3590, 82.2339, 103.7328

Tritanomaly

75.7475, 82.8219, 104.9224

Monochromacy



Original Color

74.7099, 82.7776, 102.4825

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

76.0288, 81.4960, 93.3845

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.7099, 82.7776, 102.4825 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(209, 240, 250)` looks like.

```
.text, #text, p{  
    color:rgb(209, 240, 250)  
}
```

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(209, 240, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 240, 250) }
```

Border

The CSS property to change the border of an element to XYZ 74.7099, 82.7776, 102.4825 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(209, 240, 250) }
```


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

```
.border{ border-color:rgb(209, 240, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 240, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 240, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 240, 250);  
box-shadow:4px 4px 4px 4px rgb(209, 240,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 74.7099, 82.7776, 102.4825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 240, 250) }
```

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

```
.background{ background-color: rgb(209,  
240, 250) }
```

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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