

Converting Colors

XYZ(74.1342, 82.0450,
102.3715)

Have a look what the booklet for
XYZ(74.1342, 82.0450, 102.3715)
contains.

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Color

**XYZ(74.1342, 82.0450,
102.3715)**

Conversions

Conversions Part 1

Format	Color
Hex	D0EFFA
RGB	208, 239, 250
RGB Percent	82%, 94%, 98%
CMY	0.1843, 0.0627, 0.0196
CMYK	0.17, 0.04, 0.00, 0.02
HSL	196°, 81%, 90%
HSV	196°, 17%, 98%
XYZ	74.1342, 82.0450, 102.3715
YIQ	230.9850, -22.0070, -3.1510

Conversions

Conversions Part 2

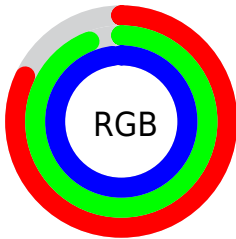
Format	Color
R _Y B	208, 226, 250
Decimal	13692922
CIE Lab	92.59, -7.83, -8.70
CIE LCh	93, 11.702, 228.017
Yxy	82.0450, 0.2867, 0.3173
Android (android.graphics.Color)	4291883002 (0xFFD0EFFA)
YUV	230.9850, 9.3744, -20.1578
Hunter-Lab	90.5787, -12.4193, -3.6041

Details

The XYZ color **74.1342, 82.0450, 102.3715** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.1416, 75.5410, 70.2438**, and the grayscale version is **75.8906, 79.8428, 86.9488**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8080, 44.5343, 57.5368** is the 20% darker color. If you saturate the color by 10%, you get **65.7706, 74.9419, 101.4426**, and if you desaturate by 10%, it is **83.6799, 89.8649, 103.3791**.

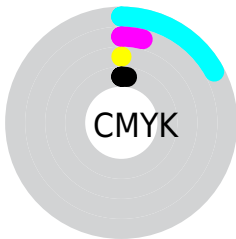
Distribution



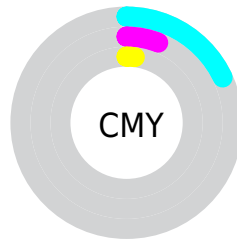
- Red (82%)
- Green (94%)
- Blue (98%)



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



- Cyan (17%)
- Magenta (4%)
- Yellow (0%)
- Black (2%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.1342, 82.0450, 102.3715 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 74.1342, 82.0450, 102.3715 by changing the saturation by 10% instead.

74.1342, 82.0450,
102.3715

74.1342, 82.0450,
102.3715

463.9796,
501.7982, 589.0809

55.1956, 61.4026,
77.6547

124.0805,
136.2371, 166.4926

39.7928, 44.5502,
57.2756

155.8189,
170.5556, 206.7339

27.5605, 31.1033,
40.8157

192.5545,
210.2017, 252.9872

18.1334, 20.6775,
27.8565

234.6528,
255.5596, 305.6708

11.1461, 12.8885,
17.9794

282.4791,
307.0138, 365.2035

6.2332, 7.3518,
10.7659

336.3988,

3.0294, 3.6831,

364.9487, 432.0038

5.7975

396.7771,
429.7487, 506.4900

■ 1.1693, 1.4979,
2.6555

■ 0.0819, 0.2873,
0.9209

■ 74.1342, 82.0450,
102.3715

■ 74.1342, 82.0450,
102.3715

■ 65.7706, 74.9419,
101.4426

■ 83.6799, 89.8649,
103.3791

■ 58.5293, 68.5172,
100.5842

■ 93.3363, 97.8437,
104.4102

■ 52.3563, 62.7440,
99.7952

■ 94.2556, 99.6822,
104.7166

■ 47.1896, 57.5894,
99.0726

■ 42.9608, 53.0170,
98.4129

■ 39.5924, 48.9855,
97.8123

■ 36.9936, 45.4471,
97.2662

■ 35.0495, 42.3414,
96.7692

■ 34.5093, 41.4096,
96.6179

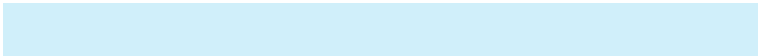
Harmonies

Analogous

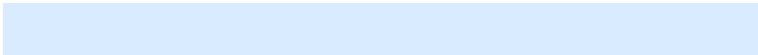
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.5507, 82.0450, 94.6147



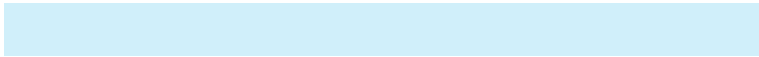
74.1342, 82.0450, 102.3715



76.7733, 82.0450, 106.7402

Triad

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



74.1342, 82.0450, 102.3715



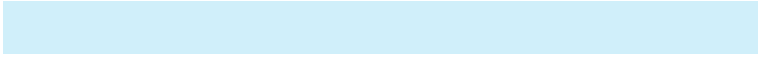
83.8435, 82.0450, 92.8560



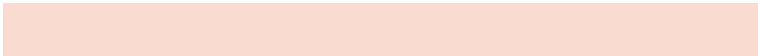
76.1863, 82.0450, 74.3324

Complementary

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



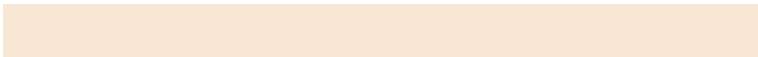
74.1342, 82.0450, 102.3715



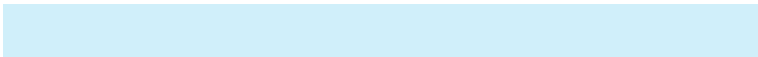
76.1416, 75.5410, 70.2438

Split Complementary

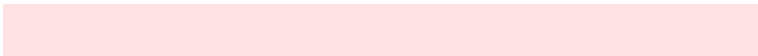
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.2019, 82.0450, 73.9294



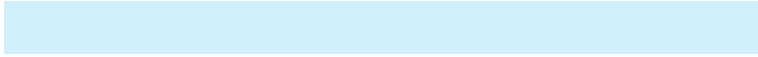
74.1342, 82.0450, 102.3715



83.6764, 82.0450, 84.2517

Square

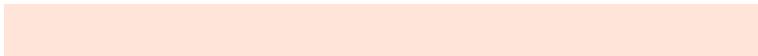
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



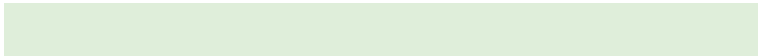
74.1342, 82.0450, 102.3715



82.4101, 82.0450, 101.0122



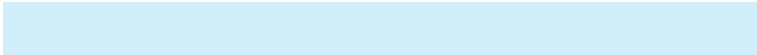
81.9593, 82.0450, 77.4515



73.7141, 82.0450, 78.5908

Rectangle

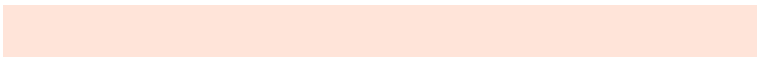
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.1342, 82.0450, 102.3715



78.7999, 82.0450, 106.9670



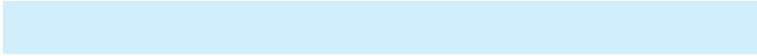
81.9593, 82.0450, 77.4515



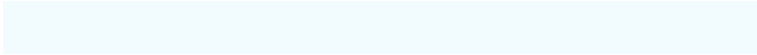
77.1684, 82.0450, 73.7521

Sweetspot

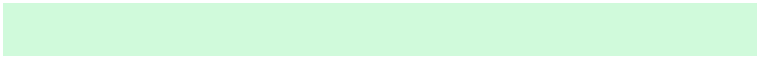
The Sweet Spot groups the original color and five complimentary colors.



74.1366, 82.0484, 102.3733



89.4581, 95.5500, 108.3358



72.9199, 86.8708, 79.5992



18.9851, 20.3211, 23.1717



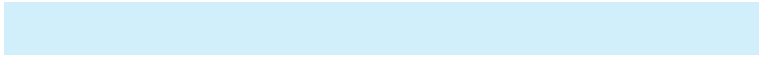
0.0000, 0.0000, 0.0000



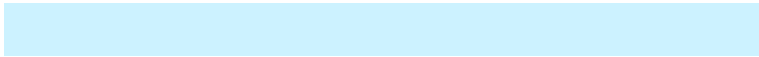
20.3446, 21.4041, 23.3091

Same Dimension

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



74.1366, 82.0484, 102.3733



74.5989, 83.3515, 106.7644



68.4705, 70.7161, 100.4846



17.3587, 18.7943, 22.0981



18.4278, 22.2112, 51.2895



1.7928, 2.2293, 4.7790

Inverse Universe

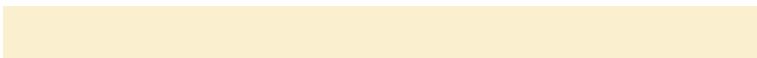
The Inverse Universe completely reimagines the original color for something new.



77.5621, 71.6695, 91.4108



78.8068, 70.8353, 93.2455



81.8240, 86.9057, 72.1379



17.7876, 17.4424, 20.7373



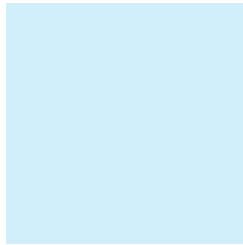
25.5935, 12.6531, 25.6318



2.4139, 1.1893, 2.6028

Previews

White Background



This preview shows how the XYZ color 74.1342, 82.0450, 102.3715 looks on a white background.

Color Contrast Check

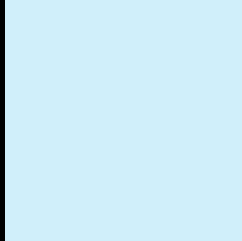
Large Text (above 18pt) WCAG AA × Fail

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 74.1342, 82.0450, 102.3715 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

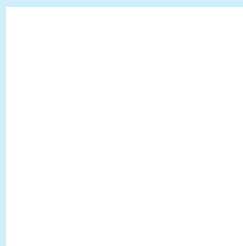
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.1342, 82.0450, 102.3715

Background



This preview shows how black text looks on a background with the XYZ color 74.1342, 82.0450, 102.3715.

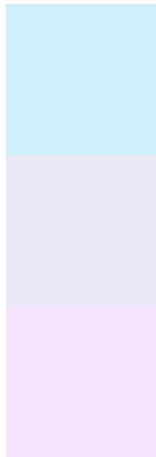


This preview shows how white text looks on a background with the XYZ color 74.1342, 82.0450,

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

74.1342, 82.0450, 102.3715

Protanopia

79.4228, 81.8595, 98.8032

Deuteranopia

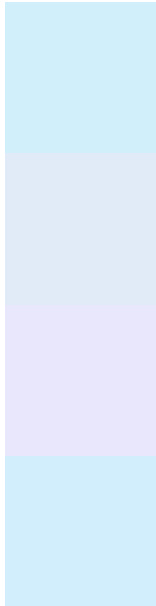
83.5565, 81.8042, 104.3144



Tritanopia

75.4885, 82.2180, 106.4987

Trichromacy



Original Color

74.1342, 82.0450, 102.3715

Protanomaly

77.5482, 82.1396, 99.7630

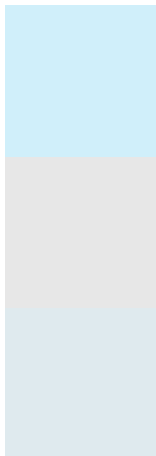
Deuteranomaly

79.7509, 81.5037, 103.6239

Tritanomaly

74.8825, 81.9426, 104.7983

Monochromacy



Original Color

74.1342, 82.0450, 102.3715

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.2869, 80.7067, 92.4988

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.1342, 82.0450, 102.3715 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(208, 239, 250)` looks like.

```
.text, #text, p{  
    color:rgb(208, 239, 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(208, 239, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 239, 250) }
```

Border

The CSS property to change the border of an element to XYZ 74.1342, 82.0450, 102.3715 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(208, 239, 250) }
```


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

```
.border{ border-color:rgb(208, 239, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 239, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 239, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 239, 250);  
box-shadow:4px 4px 4px 4px rgb(208, 239,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 74.1342, 82.0450, 102.3715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 239, 250) }
```

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

```
.background{ background-color: rgb(208,  
239, 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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