

Converting Colors

XYZ(74.1026, 81.0483, 99.7804)

Have a look what the booklet for
XYZ(74.1026, 81.0483, 99.7804)
contains.

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Color

**XYZ(74.2241, 81.2808,
99.7724)**

Conversions

Conversions Part 1

Format	Color
Hex	D4EDF7
RGB	212, 237, 247
RGB Percent	83%, 93%, 97%
CMY	0.1686, 0.0706, 0.0314
CMYK	0.14, 0.04, 0.00, 0.03
HSL	197°, 69%, 90%
HSV	197°, 14%, 97%
XYZ	74.2241, 81.2808, 99.7724
YIQ	230.6650, -18.1100, -2.1900

Conversions

Conversions Part 2

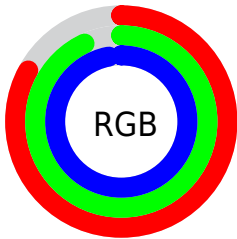
Format	Color
R _Y B	212, 227, 247
Decimal	13954551
CIE Lab	92.26, -6.18, -7.61
CIE LCh	92, 9.805, 230.901
Yxy	81.2808, 0.2908, 0.3184
Android (android.graphics.Color)	4292144631 (0xFFD4EDF7)
YUV	230.6650, 8.0532, -16.3692
Hunter-Lab	90.1559, -10.8161, -2.5051

Details

The XYZ color **74.2241, 81.2808, 99.7724** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.3634, 76.7701, 73.0824**, and the grayscale version is **75.6603, 79.6006, 86.6850**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8325, 43.9774, 55.6793** is the 20% darker color. If you saturate the color by 10%, you get **65.6392, 73.8843, 98.7985**, and if you desaturate by 10%, it is **83.9833, 89.4063, 100.8277**.

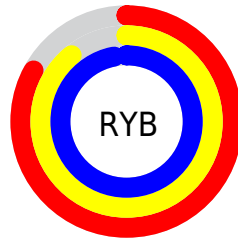
Distribution



Red (83%)

Green (93%)

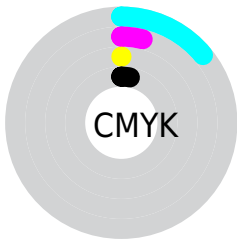
Blue (97%)



Red (83%)

Yellow (89%)

Blue (97%)

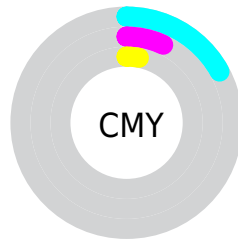


Cyan (14%)

Magenta (4%)

Yellow (0%)

Black (3%)



Cyan (17%)

Magenta (7%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.2241, 81.2808, 99.7724 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 74.2241, 81.2808, 99.7724 by changing the saturation by 10% instead.

■ 74.2241, 81.2808,
99.7724

■ 74.2241, 81.2808,
99.7724

464.2848,
499.2388, 580.7032

■ 55.2694, 60.7729,
75.4946

124.2072,
135.1650, 162.8935

■ 39.8522, 44.0419,
55.5140

155.9664,
169.3100, 202.5740

■ 27.6070, 30.7035,
39.4121

192.7244,
208.7696, 248.2257

■ 18.1685, 20.3731,
26.7701

234.8466,
253.9281, 300.2674

■ 11.1715, 12.6666,
17.1698

282.6984,
305.1698, 359.1174

■ 6.2504, 7.1994,
10.1924

336.6452,

■ 3.0401, 3.5871,

362.8793, 425.1943

5.4194

397.0522,
427.4408, 498.9167

■ 1.1750, 1.4454,
2.4324

■ 0.0865, 0.2498,
0.8040

■ 74.2241, 81.2808,
99.7724

■ 74.2241, 81.2808,
99.7724

■ 65.6392, 73.8843,
98.7985

■ 83.9833, 89.4063,
100.8277

■ 58.1713, 67.1794,
97.8979

■ 92.5618, 97.0417,
101.8493

■ 51.7687, 61.1402,
97.0697

■ 93.7887, 99.4955,
102.2583

■ 46.3726, 55.7351,
96.3108

■ 41.9182, 50.9293,
95.6180

■ 38.3326, 46.6836,
94.9875

■ 35.5315, 42.9532,
94.4150

■ 33.4117, 39.6833,
93.8956

■ 32.4028, 37.9436,
93.6130

Harmonies

Analogous

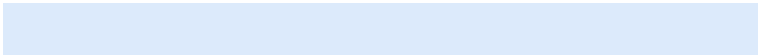
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.7941, 81.2808, 93.5707



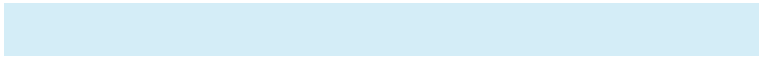
74.2241, 81.2808, 99.7724



76.4874, 81.2808, 102.9998

Triad

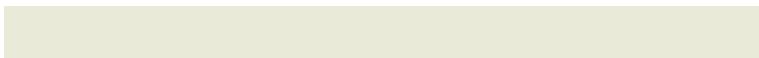
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.2241, 81.2808, 99.7724



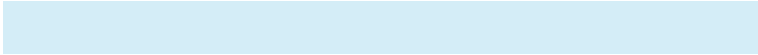
82.1642, 81.2808, 90.7250



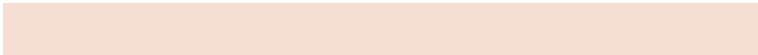
75.5305, 81.2808, 76.1001

Complementary

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



74.2241, 81.2808, 99.7724



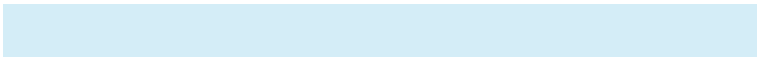
76.3634, 76.7701, 73.0824

Split Complementary

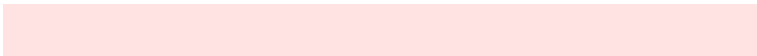
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.0277, 81.2808, 75.4309



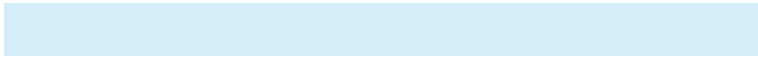
74.2241, 81.2808, 99.7724



81.8945, 81.2808, 83.6178

Square

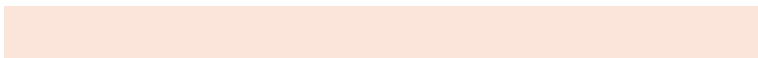
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.2241, 81.2808, 99.7724



81.0964, 81.2808, 97.5918



80.3672, 81.2808, 78.1121



73.5368, 81.2808, 79.9930

Rectangle

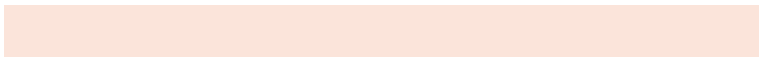
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.2241, 81.2808, 99.7724



78.1796, 81.2808, 102.9155



80.3672, 81.2808, 78.1121



76.3376, 81.2808, 75.4994

Sweetspot

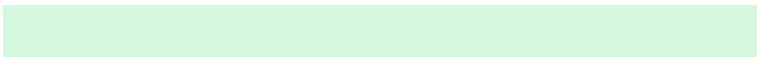
The Sweet Spot groups the original color and five complimentary colors.



74.2265, 81.2842, 99.7742



90.4741, 96.2718, 108.4216



73.5873, 85.7895, 81.7308



19.1860, 20.4591, 23.1877



0.0000, 0.0000, 0.0000



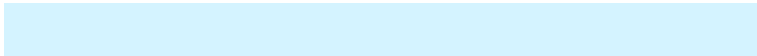
20.3446, 21.4041, 23.3091

Same Dimension

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



74.2265, 81.2842, 99.7742



77.0370, 85.0380, 106.9614



69.4254, 71.6821, 98.1739



16.5734, 17.9111, 21.1263



17.2638, 20.3214, 49.5505



1.6047, 1.9609, 4.3841

Inverse Universe

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



77.1892, 72.9774, 90.1423



80.8161, 74.6202, 94.6357



81.2315, 86.5063, 74.7051



17.0000, 16.6829, 19.7467



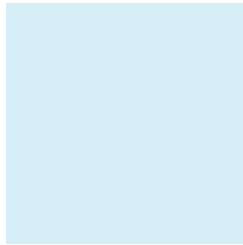
24.5185, 12.1508, 23.2365



2.1991, 1.0856, 2.2746

Previews

White Background



This preview shows how the XYZ color 74.2241, 81.2808, 99.7724 looks on a white background.

Color Contrast Check

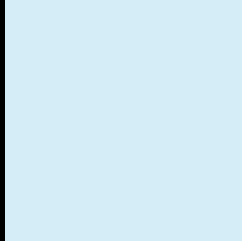
Large Text (above 18pt) WCAG AA × Fail

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 74.2241, 81.2808, 99.7724 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

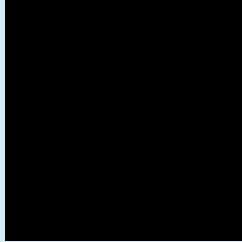
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

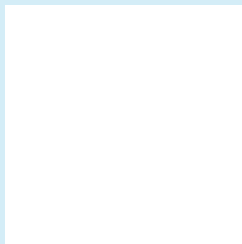
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.2241, 81.2808, 99.7724

Background



This preview shows how black text looks on a background with the XYZ color 74.2241, 81.2808, 99.7724.



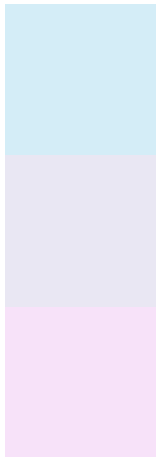
This preview shows how white text looks on a background with the XYZ color 74.2241, 81.2808,

99.7724.

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

74.2241, 81.2808, 99.7724

Protanopia

78.3578, 80.9465, 96.2884

Deuteranopia

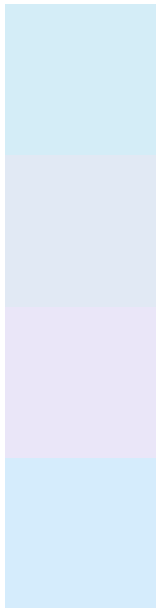
82.6530, 81.0064, 100.9021



Tritanopia

75.4860, 81.3570, 106.3327

Trichromacy



Original Color

74.2241, 81.2808, 99.7724

Protanomaly

76.5194, 80.8170, 97.1542

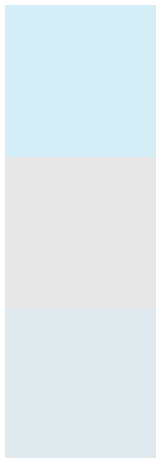
Deuteranomaly

79.1718, 80.8634, 100.2423

Tritanomaly

75.0067, 81.1653, 103.8087

Monochromacy



Original Color

74.2241, 81.2808, 99.7724

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.1654, 80.2395, 91.6469

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.2241, 81.2808, 99.7724 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(212, 237, 247)` looks like.

```
.text, #text, p{  
    color:rgb(212, 237, 247)  
}
```

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(212, 237, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 237, 247) }
```

Border

The CSS property to change the border of an element to XYZ 74.2241, 81.2808, 99.7724 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(212, 237, 247) }
```


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

```
.border{ border-color:rgb(212, 237, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 237, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 237, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 237, 247);  
box-shadow:4px 4px 4px 4px rgb(212, 237,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 74.2241, 81.2808, 99.7724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 237, 247) }
```

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

```
.background{ background-color: rgb(212,  
237, 247) }
```

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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