

Converting Colors

XYZ(74.2080, 81.3498,
100.2424)

Have a look what the booklet for
XYZ(74.2080, 81.3498, 100.2424)
contains.

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Color

**XYZ(74.0914, 81.1946,
100.5740)**

Conversions

Conversions Part 1

Format	Color
Hex	D3EDF8
RGB	211, 237, 248
RGB Percent	83%, 93%, 97%
CMY	0.1725, 0.0706, 0.0274
CMYK	0.15, 0.04, 0.00, 0.03
HSL	198°, 73%, 90%
HSV	198°, 15%, 97%
XYZ	74.0914, 81.1946, 100.5740
YIQ	230.4800, -19.0270, -2.0910

Conversions

Conversions Part 2

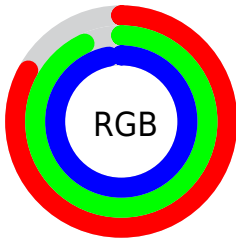
Format	Color
R _Y B	211, 226, 248
Decimal	13889016
CIE Lab	92.22, -6.29, -8.19
CIE LCh	92, 10.332, 232.475
Yxy	81.1946, 0.2896, 0.3173
Android (android.graphics.Color)	4292079096 (0xFFD3EDF8)
YUV	230.4800, 8.6374, -17.0840
Hunter-Lab	90.1080, -10.9173, -3.1008

Details

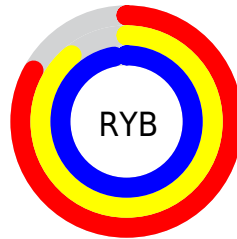
The XYZ color **74.0914, 81.1946, 100.5740** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.5910, 76.9018, 72.4362**, and the grayscale version is **75.5194, 79.4523, 86.5235**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.7486, 43.9214, 56.2519** is the 20% darker color. If you saturate the color by 10%, you get **65.4375, 73.6322, 99.5717**, and if you desaturate by 10%, it is **83.9339, 89.5043, 101.6605**.

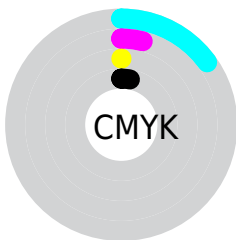
Distribution



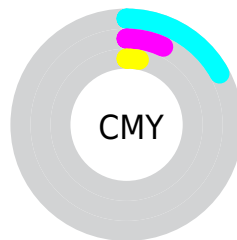
- Red (83%)
- Green (93%)
- Blue (97%)



- Red (83%)
- Yellow (89%)
- Blue (97%)



- Cyan (15%)
- Magenta (4%)
- Yellow (0%)
- Black (3%)



- Cyan (17%)
- Magenta (7%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.0914, 81.1946, 100.5740 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 74.0914, 81.1946, 100.5740 by changing the saturation by 10% instead.

■ 74.0914, 81.1946,
100.5740

■ 74.0914, 81.1946,
100.5740

463.8342,
498.9497, 583.2938

■ 55.1604, 60.7019,
76.1604

124.0202,
135.0440, 164.0045

■ 39.7645, 43.9846,
56.0566

155.7486,
169.1694, 203.8586

■ 27.5384, 30.6584,
39.8440

192.4737,
208.6079, 249.6965

■ 18.1166, 20.3389,
27.1041

234.5606,
253.7438, 301.9369

■ 11.1340, 12.6416,
17.4183

282.3747,
304.9616, 360.9983

■ 6.2250, 7.1822,
10.3681

336.2815,

■ 3.0243, 3.5763,

362.6455, 427.2992

5.5349

396.6462,
427.1801, 501.2582

■ 1.1666, 1.4395,
2.5002

■ 0.0798, 0.2456,
0.8403

■ 74.0914, 81.1946,
100.5740

■ 74.0914, 81.1946,
100.5740

■ 65.4375, 73.6322,
99.5717

■ 83.9339, 89.5043,
101.6605

■ 57.9140, 66.7790,
98.6455

■ 92.9144, 97.4992,
102.7303

■ 51.4681, 60.6086,
97.7942

■ 93.9435, 99.5574,
103.0734

■ 46.0399, 55.0883,
97.0147

■ 41.5635, 50.1825,
96.3038

■ 37.9643, 45.8511,
95.6574

■ 35.1558, 42.0479,
95.0714

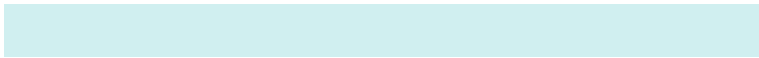
■ 33.0319, 38.7164,
94.5403

■ 32.1365, 37.1633,
94.2877

Harmonies

Analogous

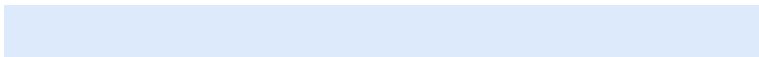
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.5307, 81.1946, 94.1413



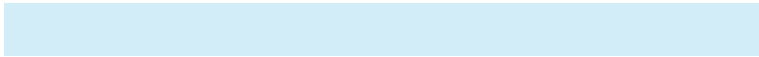
74.0914, 81.1946, 100.5740



76.5034, 81.1946, 103.7813

Triad

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



74.0914, 81.1946, 100.5740



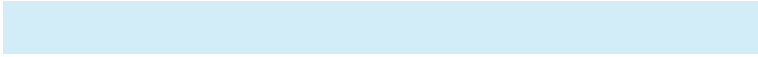
82.3695, 81.1946, 90.3444



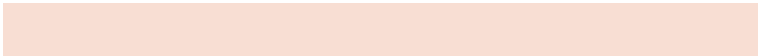
75.2292, 81.1946, 75.5186

Complementary

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



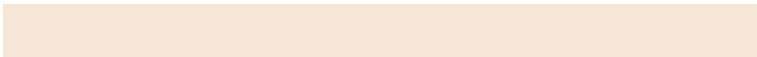
74.0914, 81.1946, 100.5740



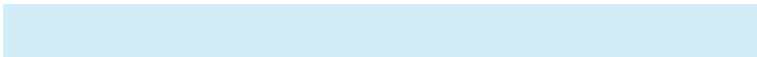
76.5910, 76.9018, 72.4362

Split Complementary

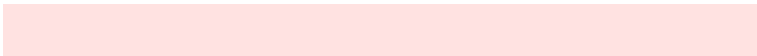
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.8465, 81.1946, 74.6316



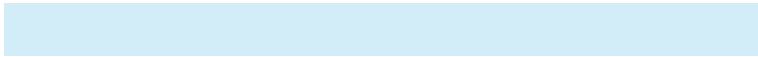
74.0914, 81.1946, 100.5740



82.0093, 81.1946, 82.9107

Square

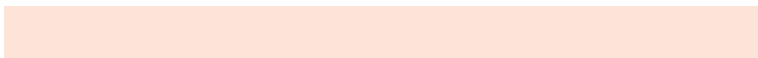
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.0914, 81.1946, 100.5740



81.3120, 81.1946, 97.6580



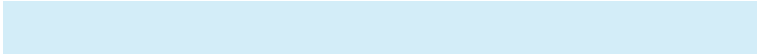
80.3389, 81.1946, 77.2633



73.1770, 81.1946, 79.7597

Rectangle

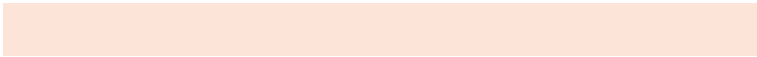
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



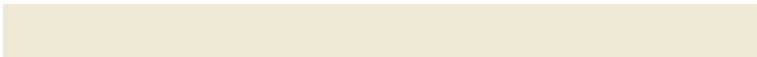
74.0914, 81.1946, 100.5740



78.2861, 81.1946, 103.5363



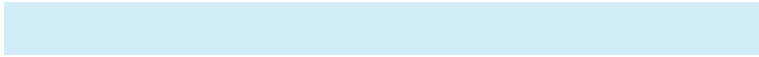
80.3389, 81.1946, 77.2633



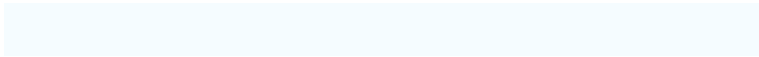
76.0706, 81.1946, 74.8286

Sweetspot

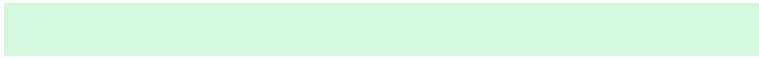
The Sweet Spot groups the original color and five complimentary colors.



74.0938, 81.1980, 100.5758



90.4370, 96.1976, 108.4092



73.5484, 86.2313, 81.5140



19.1766, 20.4403, 23.1846



0.0000, 0.0000, 0.0000



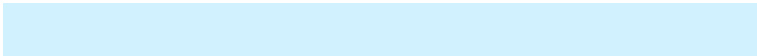
20.3446, 21.4041, 23.3091

Same Dimension

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



74.0938, 81.1980, 100.5758



75.9343, 83.9128, 106.8024



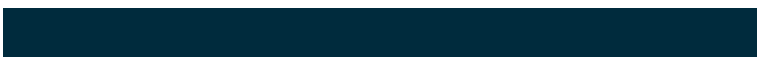
69.1445, 71.2994, 98.9261



17.3048, 18.6863, 22.0801



17.4880, 20.3316, 50.9762



1.7120, 2.0676, 4.7520

Inverse Universe

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



77.2936, 72.6611, 90.0759



79.9958, 73.2823, 93.4286



81.6258, 86.9714, 74.1144



17.7604, 17.4315, 20.5938



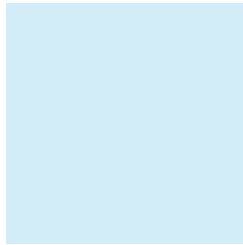
25.1192, 12.4634, 23.1337



2.3731, 1.1730, 2.3879

Previews

White Background



This preview shows how the XYZ color 74.0914, 81.1946, 100.5740 looks on a white background.

Color Contrast Check

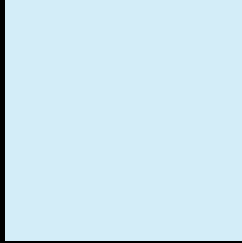
Large Text (above 18pt) WCAG AA × Fail

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 74.0914, 81.1946, 100.5740 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

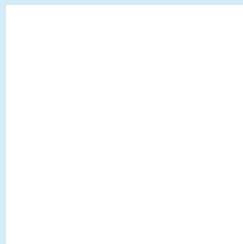
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.0914, 81.1946, 100.5740

Background



This preview shows how black text looks on a background with the XYZ color 74.0914, 81.1946, 100.5740.

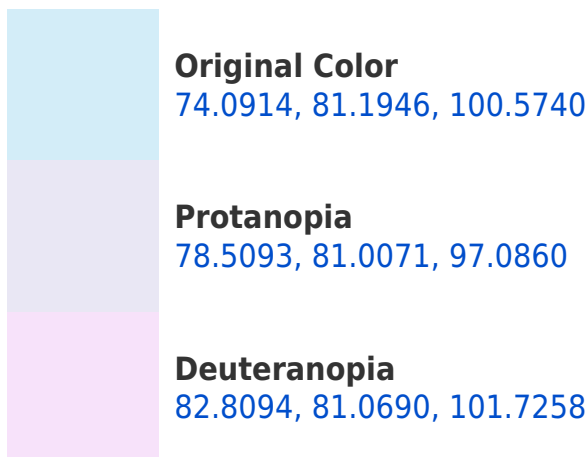


This preview shows how white text looks on a background with the XYZ color 74.0914, 81.1946,

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

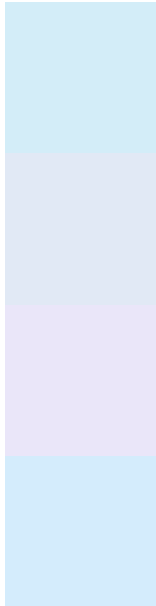




Tritanopia

75.1968, 81.2080, 106.3191

Trichromacy



Original Color

74.0914, 81.1946, 100.5740

Protanomaly

76.6717, 80.8780, 97.9562

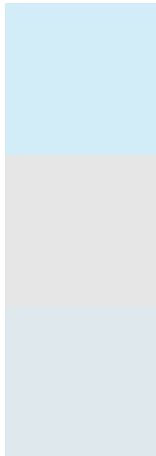
Deuteranomaly

79.3274, 80.9256, 101.0617

Tritanomaly

74.7175, 81.0162, 103.7951

Monochromacy



Original Color

74.0914, 81.1946, 100.5740

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

74.8564, 80.0802, 91.6324

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.0914, 81.1946, 100.5740 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(211, 237, 248)` looks like.

```
.text, #text, p{  
    color:rgb(211, 237, 248)  
}
```

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(211, 237, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 237, 248) }
```

Border

The CSS property to change the border of an element to XYZ 74.0914, 81.1946, 100.5740 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(211, 237, 248) }
```


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

```
.border{ border-color:rgb(211, 237, 248) }
```

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

Here you see how a box with a 4 pixel rgb(211, 237, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 237, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 237, 248);  
box-shadow:4px 4px 4px 4px rgb(211, 237,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 74.0914, 81.1946, 100.5740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 237, 248) }
```

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

```
.background{ background-color: rgb(211,  
237, 248) }
```

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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