

Converting Colors

XYZ(74.0631, 80.8367, 99.1541)

Have a look what the booklet for
XYZ(74.0631, 80.8367, 99.1541)
contains.

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Color

**XYZ(74.0706, 80.7909,
98.8790)**

Conversions

Conversions Part 1

Format	Color
Hex	D5ECF6
RGB	213, 236, 246
RGB Percent	84%, 93%, 96%
CMY	0.1647, 0.0745, 0.0353
CMYK	0.13, 0.04, 0.00, 0.04
HSL	198°, 65%, 90%
HSV	198°, 13%, 96%
XYZ	74.0706, 80.7909, 98.8790
YIQ	230.2630, -16.9180, -1.7660

Conversions

Conversions Part 2

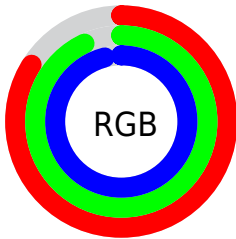
Format	Color
R _Y B	213, 227, 246
Decimal	14019830
CIE Lab	92.04, -5.56, -7.40
CIE LCh	92, 9.260, 233.084
Yxy	80.7909, 0.2919, 0.3184
Android (android.graphics.Color)	4292209910 (0xFFD5ECF6)
YUV	230.2630, 7.7583, -15.1397
Hunter-Lab	89.8838, -10.1999, -2.3049

Details

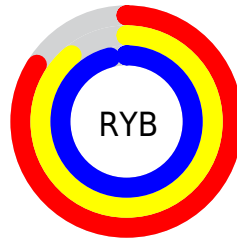
The XYZ color **74.0706, 80.7909, 98.8790** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.4044, 77.1720, 73.8211**, and the grayscale version is **75.3638, 79.2886, 86.3452**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.7161, 43.6293, 55.0432** is the 20% darker color. If you saturate the color by 10%, you get **65.3688, 73.1880, 97.8714**, and if you desaturate by 10%, it is **83.9489, 89.1375, 99.9707**.

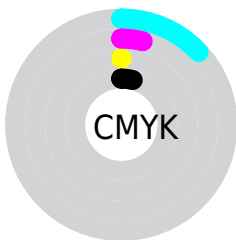
Distribution



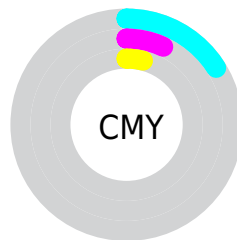
- Red (84%)
- Green (93%)
- Blue (96%)



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



- Cyan (13%)
- Magenta (4%)
- Yellow (0%)
- Black (4%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.0706, 80.7909, 98.8790 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 74.0706, 80.7909, 98.8790 by changing the saturation by 10% instead.

■ 74.0706, 80.7909,
98.8790

■ 74.0706, 80.7909,
98.8790

463.7635,
497.5942, 577.8086

■ 55.1433, 60.3694,
74.7530

123.9908,
134.4771, 161.6542

■ 39.7508, 43.7165,
54.9101

155.7145,
168.5106, 201.1406

■ 27.5276, 30.4477,
38.9316

192.4344,
207.8503, 246.5841

■ 18.1085, 20.1786,
26.3991

234.5157,
252.8805, 298.4034

■ 11.1281, 12.5250,
16.8940

282.3240,
303.9855, 357.0169

■ 6.2210, 7.1023,
9.9978

336.2244,

■ 3.0218, 3.5261,

361.5499, 422.8433

5.2919

396.5825,
425.9580, 496.3010

■ 1.1653, 1.4122,
2.3578

■ 0.0787, 0.2257,
0.7633

■ 74.0706, 80.7909,
98.8790

■ 74.0706, 80.7909,
98.8790

■ 65.3688, 73.1880,
97.8714

■ 83.9489, 89.1375,
99.9707

■ 57.7869, 66.2916,
96.9399

■ 92.3436, 96.8516,
101.0172

■ 51.2738, 60.0759,
96.0834

■ 93.6348, 99.4339,
101.4476

■ 45.7715, 54.5093,
95.2989

■ 41.2161, 49.5571,
94.5832

■ 37.5361, 45.1809,
93.9324

■ 34.6487, 41.3361,
93.3425

■ 32.4536, 37.9691,
92.8083

■ 31.2887, 35.9617,
92.4822

Harmonies

Analogous

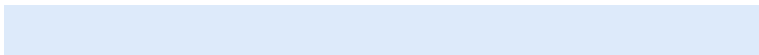
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.6519, 80.7909, 93.2122



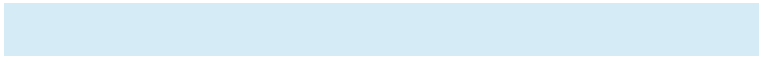
74.0706, 80.7909, 98.8790



76.2390, 80.7909, 101.6446

Triad

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



74.0706, 80.7909, 98.8790



81.4272, 80.7909, 89.5568



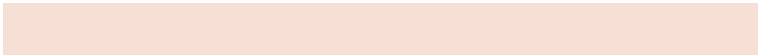
75.0072, 80.7909, 76.4423

Complementary

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



74.0706, 80.7909, 98.8790



76.4044, 77.1720, 73.8211

Split Complementary

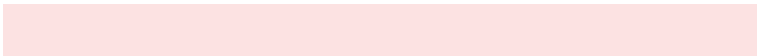
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.3422, 80.7909, 75.5760



74.0706, 80.7909, 98.8790



81.0809, 80.7909, 82.9234

Square

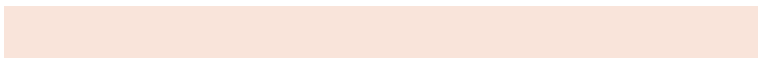
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



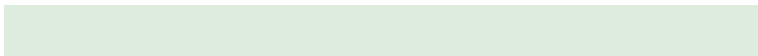
74.0706, 80.7909, 98.8790



80.5103, 80.7909, 96.0852



79.5738, 80.7909, 77.8899



73.1848, 80.7909, 80.3205

Rectangle

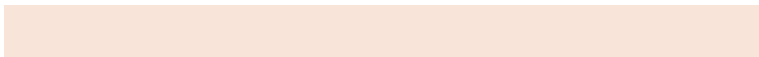
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.0706, 80.7909, 98.8790



77.8310, 80.7909, 101.3749



79.5738, 80.7909, 77.8899



75.7570, 80.7909, 75.7977

Sweetspot

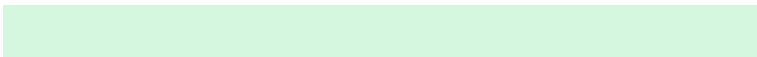
The Sweet Spot groups the original color and five complimentary colors.



74.0730, 80.7943, 98.8808



90.4186, 96.1609, 108.4031



73.7036, 85.3814, 82.3385



19.1720, 20.4310, 23.1831



0.0000, 0.0000, 0.0000



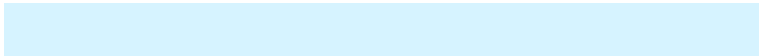
20.3446, 21.4041, 23.3091

Same Dimension

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



74.0730, 80.7943, 98.8808



77.7831, 85.4325, 106.9983



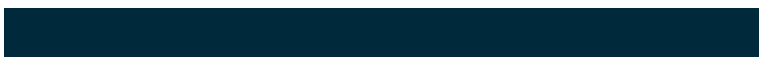
69.5649, 71.7782, 97.3781



16.5483, 17.8608, 21.1179



16.8296, 19.4530, 49.4058



1.5693, 1.8900, 4.3723

Inverse Universe

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



76.9425, 73.2392, 89.4421



81.4606, 75.9038, 94.8671



81.0013, 86.3658, 75.3534



16.9873, 16.6778, 19.6798



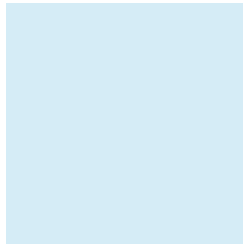
24.2993, 12.0632, 22.0824



2.1812, 1.0784, 2.1804

Previews

White Background



This preview shows how the XYZ color 74.0706, 80.7909, 98.8790 looks on a white background.

Color Contrast Check

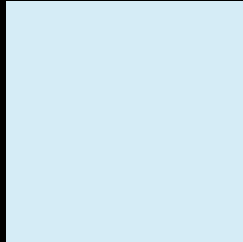
Large Text (above 18pt) WCAG AA × Fail

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 74.0706, 80.7909, 98.8790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

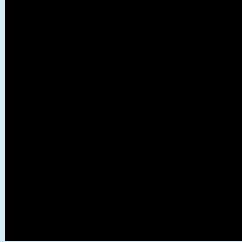
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.0706, 80.7909, 98.8790

Background



This preview shows how black text looks on a background with the XYZ color 74.0706, 80.7909, 98.8790.

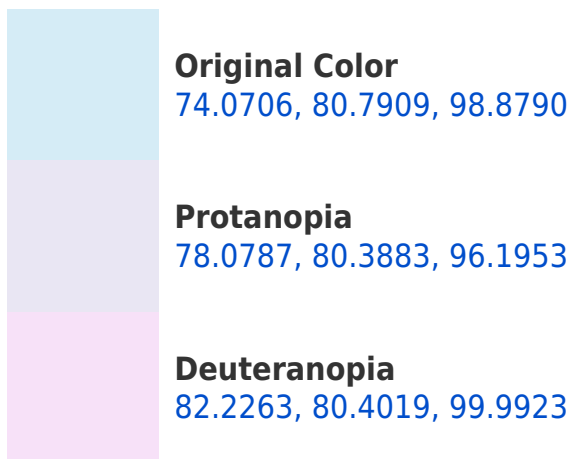


This preview shows how white text looks on a background with the XYZ color 74.0706, 80.7909, 98.8790.

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

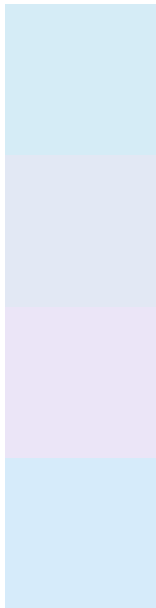




Tritanopia

75.1695, 80.8047, 104.5635

Trichromacy



Original Color

74.0706, 80.7909, 98.8790

Protanomaly

76.5498, 80.4136, 97.0747

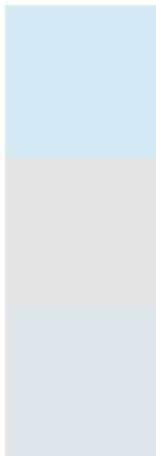
Deuteranomaly

79.0688, 80.4162, 99.3502

Tritanomaly

74.6952, 80.6149, 102.0659

Monochromacy



Original Color

74.0706, 80.7909, 98.8790

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

74.7374, 79.6166, 90.7853

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.0706, 80.7909, 98.8790 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(213, 236, 246)` looks like.

```
.text, #text, p{  
    color:rgb(213, 236, 246)  
}
```

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(213, 236, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 236, 246) }
```

Border

The CSS property to change the border of an element to XYZ 74.0706, 80.7909, 98.8790 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(213, 236, 246) }
```


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

```
.border{ border-color:rgb(213, 236, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 236, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 236, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 236, 246);  
box-shadow:4px 4px 4px 4px rgb(213, 236,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 74.0706, 80.7909, 98.8790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 236, 246) }
```

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

```
.background{ background-color: rgb(213,  
236, 246) }
```

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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