

Converting Colors

XYZ(75.0684, 80.5975, 98.7903)

Have a look what the booklet for
XYZ(75.0684, 80.5975, 98.7903)
contains.

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Color

**XYZ(74.9708, 80.4049,
98.7571)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | DAEAF6 |
| RGB | 218, 234, 246 |
| RGB Percent | 85%, 92%, 96% |
| CMY | 0.1451, 0.0823, 0.0353 |
| CMYK | 0.11, 0.05, 0.00, 0.04 |
| HSL | 206°, 61%, 91% |
| HSV | 206°, 11%, 96% |
| XYZ | 74.9708, 80.4049, 98.7571 |
| YIQ | 230.5840, -13.3880, 0.3400 |

Conversions

Conversions Part 2

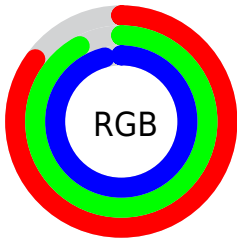
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 218, 228, 246 |
| Decimal | 14346998 |
| CIE Lab | 91.87, -2.96, -7.62 |
| CIE LCh | 92, 8.177, 248.756 |
| Yxy | 80.4049, 0.2950, 0.3164 |
| Android (android.graphics.Color) | 4292537078 (0xFFDAEAF6) |
| YUV | 230.5840, 7.6001, -11.0362 |
| Hunter-Lab | 89.6688, -7.6790, -2.5312 |

Details

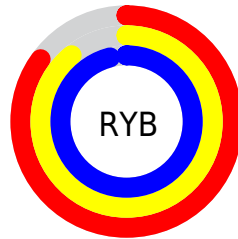
The XYZ color **74.9708, 80.4049, 98.7571** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **78.9581, 81.2479, 77.8519**, and the grayscale version is **75.6010, 79.5381, 86.6170**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.3189, 43.3450, 54.9566** is the 20% darker color. If you saturate the color by 10%, you get **65.2419, 71.0686, 97.4690**, and if you desaturate by 10%, it is **85.9748, 90.6678, 100.1593**.

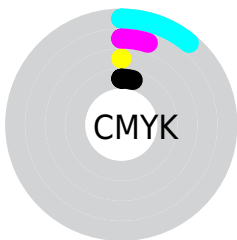
Distribution



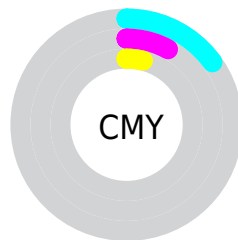
- Red (85%)
- Green (92%)
- Blue (96%)



- Red (85%)
- Yellow (89%)
- Blue (96%)



- Cyan (11%)
- Magenta (5%)
- Yellow (0%)
- Black (4%)



- Cyan (15%)
- Magenta (8%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.9708, 80.4049, 98.7571 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 74.9708, 80.4049, 98.7571 by changing the saturation by 10% instead.

■ 74.9708, 80.4049,
98.7571

■ 74.9708, 80.4049,
98.7571

466.8159,
496.2963, 577.4130

■ 55.8831, 60.0516,
74.6519

125.2592,
133.9349, 161.4851

■ 40.3458, 43.4602,
54.8277

157.1905,
167.8803, 200.9448

■ 27.9937, 30.2464,
38.8661

194.1337,
207.1252, 246.3599

■ 18.4613, 20.0257,
26.3486

236.4542,
252.0541, 298.1488

■ 11.3834, 12.4137,
16.8565

284.5173,
303.0512, 356.7300

■ 6.3945, 7.0261,
9.9713

338.6884,

■ 3.1293, 3.4784,

360.5010, 422.5220

5.2746

399.3328,
424.7879, 495.9436

■ 1.2225, 1.3863,
2.3477

■ 0.1240, 0.2066,
0.7578

■ 74.9708, 80.4049,
98.7571

■ 74.9708, 80.4049,
98.7571

■ 65.2419, 71.0686,
97.4690

■ 85.9748, 90.6678,
100.1593

■ 56.7300, 62.6180,
96.2865

■ 93.6348, 99.4339,
101.4476

■ 49.3827, 55.0236,
95.2079

■ 43.1411, 48.2500,
94.2295

■ 37.9403, 42.2591,
93.3472

■ 33.7083, 37.0084,
92.5568

■ 30.3626, 32.4501,
91.8533

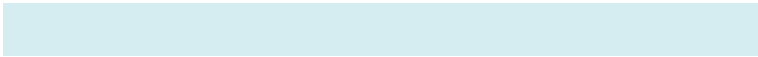
■ 27.8046, 28.5281,
91.2311

■ 26.1012, 25.5866,
90.7531

Harmonies

Analogous

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



73.3211, 80.4049, 94.9769



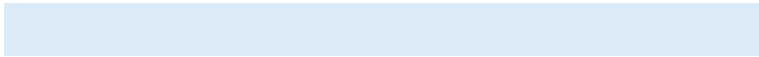
74.9708, 80.4049, 98.7571



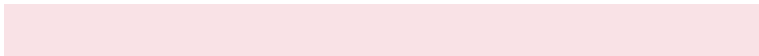
77.0379, 80.4049, 99.4632

Triad

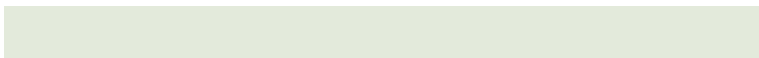
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.9708, 80.4049, 98.7571



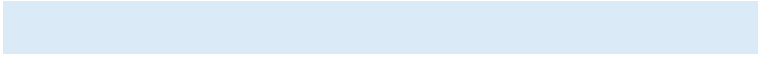
80.4771, 80.4049, 85.8011



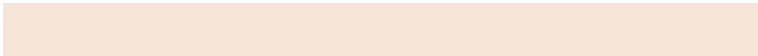
73.9260, 80.4049, 78.8476

Complementary

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



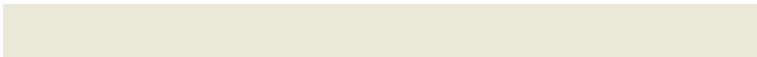
74.9708, 80.4049, 98.7571



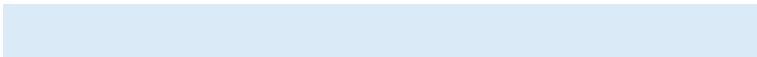
78.9581, 81.2479, 77.8519

Split Complementary

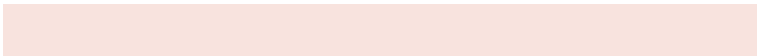
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.8103, 80.4049, 76.6232



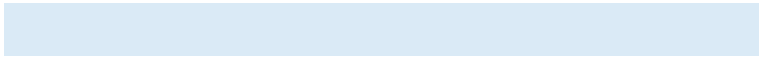
74.9708, 80.4049, 98.7571



79.6100, 80.4049, 80.5156

Square

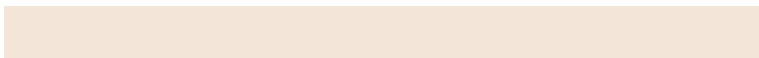
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



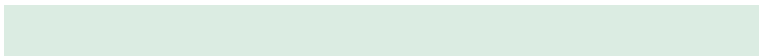
74.9708, 80.4049, 98.7571



80.2424, 80.4049, 91.7983



77.8927, 80.4049, 77.2195



72.7257, 80.4049, 83.4296

Rectangle

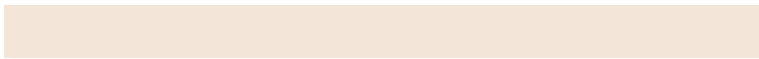
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.9708, 80.4049, 98.7571



78.3787, 80.4049, 98.0658



77.8927, 80.4049, 77.2195



74.4991, 80.4049, 77.8091

Sweetspot

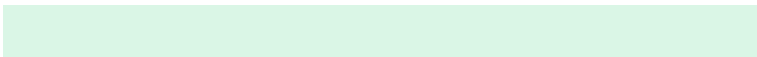
The Sweet Spot groups the original color and five complimentary colors.



74.9732, 80.4083, 98.7589



91.2546, 96.5044, 108.4253



76.1067, 86.5128, 87.3065



19.3198, 20.4593, 23.1807



0.0000, 0.0000, 0.0000



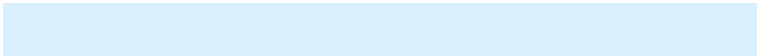
20.3446, 21.4041, 23.3091

Same Dimension

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



74.9732, 80.4083, 98.7589



78.4269, 84.4729, 106.7791



71.2302, 72.9223, 97.5112



16.3675, 17.4993, 21.0576



14.0736, 13.9411, 48.4872



1.3388, 1.4290, 4.2955

Inverse Universe

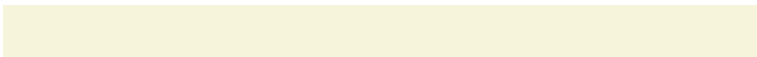
The Inverse Universe completely reimagines the original color for something new.



77.9306, 75.6778, 88.3457



82.3341, 78.3534, 92.9923



82.9127, 89.1571, 79.1701



16.8961, 16.6413, 19.1993



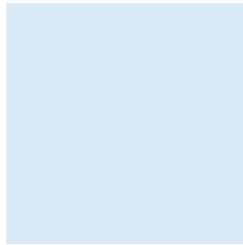
22.9082, 11.5067, 14.7570



2.0648, 1.0319, 1.5678

Previews

White Background



This preview shows how the XYZ color 74.9708, 80.4049, 98.7571 looks on a white background.

Color Contrast Check

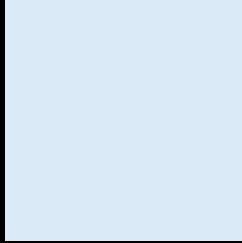
Large Text (above 18pt) WCAG AA × Fail

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 74.9708, 80.4049, 98.7571 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

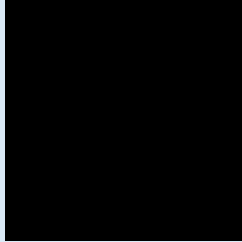
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

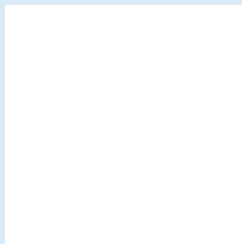
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.9708, 80.4049, 98.7571

Background



This preview shows how black text looks on a background with the XYZ color 74.9708, 80.4049, 98.7571.

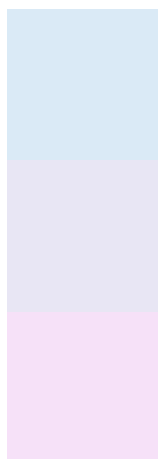


This preview shows how white text looks on a background with the XYZ color 74.9708, 80.4049,

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

74.9708, 80.4049, 98.7571

Protanopia

77.9047, 80.2811, 96.9777

Deuteranopia

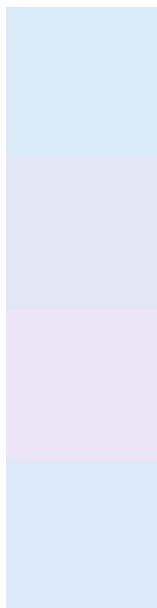
81.8745, 80.2206, 99.9758



Tritanopia

75.9230, 80.3662, 103.6061

Trichromacy



Original Color

74.9708, 80.4049, 98.7571

Protanomaly

76.7359, 80.0753, 97.7979

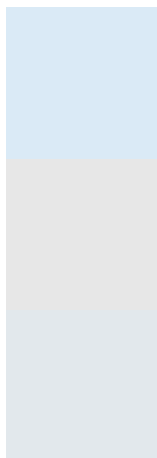
Deuteranomaly

79.1240, 80.0351, 99.2737

Tritanomaly

75.6076, 80.2400, 101.9454

Monochromacy



Original Color

74.9708, 80.4049, 98.7571

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.3610, 79.9381, 90.8145

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.9708, 80.4049, 98.7571 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(218, 234, 246)` looks like.

```
.text, #text, p{  
    color:rgb(218, 234, 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(218, 234, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 234, 246) }
```

Border

The CSS property to change the border of an element to XYZ 74.9708, 80.4049, 98.7571 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(218, 234, 246) }
```


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

```
.border{ border-color:rgb(218, 234, 246) }
```

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

Here you see how a box with a 4 pixel rgb(218, 234, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 234, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 234, 246);  
box-shadow:4px 4px 4px 4px rgb(218, 234,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 74.9708, 80.4049, 98.7571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 234, 246) }
```

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

```
.background{ background-color: rgb(218,  
234, 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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