

Converting Colors

XYZ(76.2240, 82.0799, 99.7805)

Have a look what the booklet for
XYZ(76.2240, 82.0799, 99.7805)
contains.

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Color

**XYZ(75.9974, 81.7664,
99.7727)**

Conversions

Conversions Part 1

Format	Color
Hex	DBECF7
RGB	219, 236, 247
RGB Percent	86%, 93%, 97%
CMY	0.1412, 0.0745, 0.0314
CMYK	0.11, 0.04, 0.00, 0.03
HSL	204°, 64%, 91%
HSV	204°, 11%, 97%
XYZ	75.9974, 81.7664, 99.7727
YIQ	232.1710, -13.6630, -0.1830

Conversions

Conversions Part 2

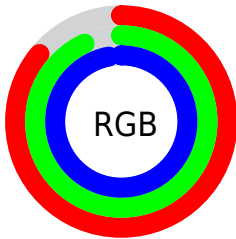
Format	Color
RYB	219, 230, 247
Decimal	14413047
CIELab	92.47, -3.47, -7.24
CIELCh	92, 8.029, 244.368
Yxy	81.7664, 0.2951, 0.3175
Android (android.graphics.Color)	4292603127 (0xFFDBECF7)
YUV	232.1710, 7.3107, -11.5510
Hunter-Lab	90.4248, -8.2232, -2.1219

Details

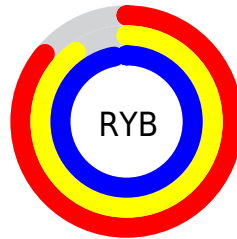
The XYZ color **75.9974, 81.7664, 99.7727** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.4412, 81.4819, 78.5599**, and the grayscale version is **76.7861, 80.7849, 87.9748**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.0351, 44.2966, 55.6775** is the 20% darker color. If you saturate the color by 10%, you get **66.3937, 72.7833, 98.5462**, and if you desaturate by 10%, it is **86.8601, 91.6281, 101.1050**.

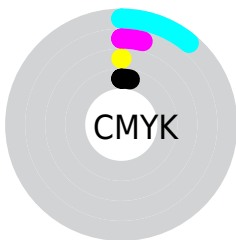
Distribution



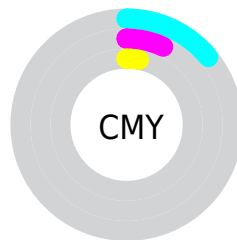
- Red (86%)
- Green (93%)
- Blue (97%)



- Red (86%)
- Yellow (90%)
- Blue (97%)



- Cyan (11%)
- Magenta (4%)
- Yellow (0%)
- Black (3%)



- Cyan (14%)
- Magenta (7%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.9974, 81.7664, 99.7727 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 75.9974, 81.7664, 99.7727 by changing the saturation by 10% instead.

■ 75.9974, 81.7664,
99.7727

■ 75.9974, 81.7664,
99.7727

470.2833,
500.8660, 580.7041

■ 56.7274, 61.1730,
75.4949

126.7036,
135.8464, 162.8939

■ 41.0257, 44.3648,
55.5143

158.8705,
170.1017, 202.5745

■ 28.5269, 30.9574,
39.4122

196.0672,
209.6799, 248.2263

■ 18.8657, 20.5664,
26.7703

238.6589,
254.9652, 300.2680

■ 11.6767, 12.8074,
17.1699

287.0110,
306.3420, 359.1181

■ 6.5946, 7.2961,
10.1924

341.4889,

■ 3.2539, 3.6479,

364.1949, 425.1951

5.4195

402.4579,
428.9080, 498.9176

■ 1.2894, 1.4786,
2.4324

■ 0.1753, 0.2736,
0.8040

■ 75.9974, 81.7664,
99.7727

■ 75.9974, 81.7664,
99.7727

■ 66.3937, 72.7833,
98.5462

■ 86.8601, 91.6281,
101.1050

■ 57.9912, 64.6390,
97.4171

■ 93.7887, 99.4955,
102.2583

■ 50.7379, 57.3051,
96.3838

■ 44.5747, 50.7476,
95.4429

■ 39.4373, 44.9293,
94.5906

■ 35.2536, 39.8093,
93.8229

■ 31.9412, 35.3411,
93.1350

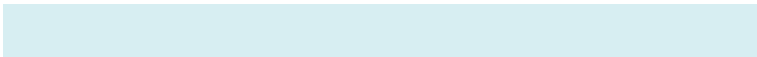
■ 29.4018, 31.4697,
92.5216

■ 27.6943, 28.5266,
92.0435

Harmonies

Analogous

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



74.4584, 81.7664, 95.6605



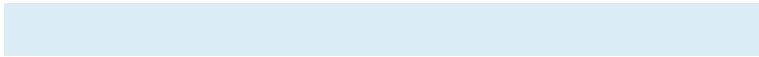
75.9974, 81.7664, 99.7727



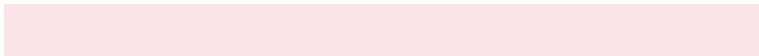
78.0218, 81.7664, 100.9589

Triad

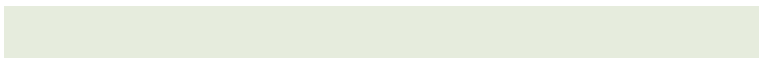
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.9974, 81.7664, 99.7727



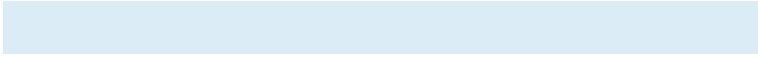
81.7773, 81.7664, 88.1593



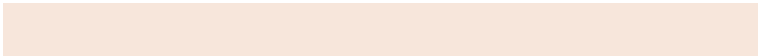
75.4783, 81.7664, 79.8967

Complementary

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



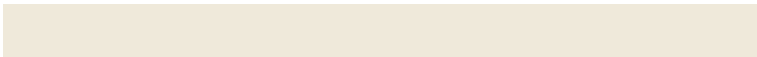
75.9974, 81.7664, 99.7727



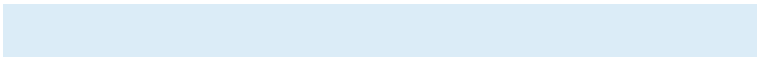
79.4412, 81.4819, 78.5599

Split Complementary

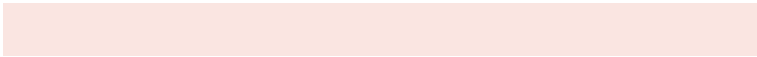
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.4120, 81.7664, 78.0793



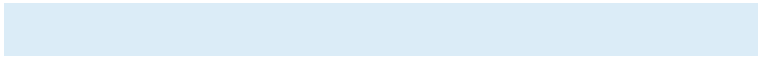
75.9974, 81.7664, 99.7727



81.0683, 81.7664, 82.7127

Square

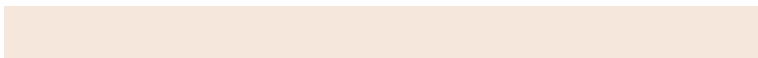
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



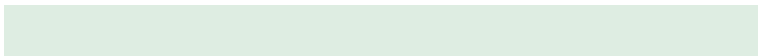
75.9974, 81.7664, 99.7727



81.3823, 81.7664, 94.0826



79.4614, 81.7664, 79.0870



74.1625, 81.7664, 84.1611

Rectangle

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



75.9974, 81.7664, 99.7727



79.3801, 81.7664, 99.8881



79.4614, 81.7664, 79.0870



76.0763, 81.7664, 78.9882

Sweetspot

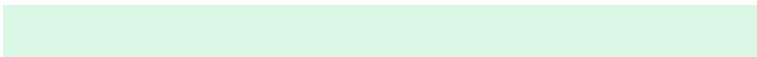
The Sweet Spot groups the original color and five complimentary colors.



75.9998, 81.7698, 99.7745



91.3403, 96.6759, 108.4539



76.7211, 87.2812, 87.4715



19.3429, 20.5056, 23.1884



0.0000, 0.0000, 0.0000



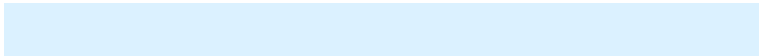
20.3446, 21.4041, 23.3091

Same Dimension

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



75.9998, 81.7698, 99.7745



78.8029, 85.2250, 106.9044



72.1956, 74.1614, 98.5064



16.4186, 17.6015, 21.0746



14.7887, 15.3712, 48.7255



1.3997, 1.5508, 4.3158

Inverse Universe

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



78.8315, 76.4951, 89.9710



82.5239, 78.4294, 93.9918



83.4158, 89.4310, 79.8848



16.9219, 16.6516, 19.3352



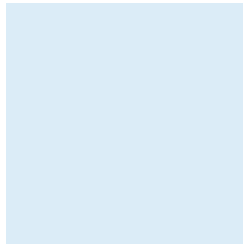
23.2692, 11.6511, 16.6577



2.0956, 1.0442, 1.7296

Previews

White Background



This preview shows how the XYZ color 75.9974, 81.7664, 99.7727 looks on a white background.

Color Contrast Check

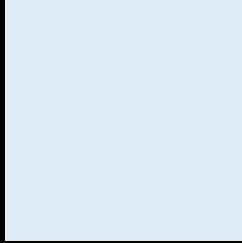
Large Text (above 18pt) WCAG AA × Fail

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 75.9974, 81.7664, 99.7727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

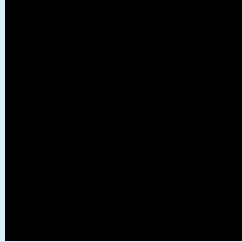
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

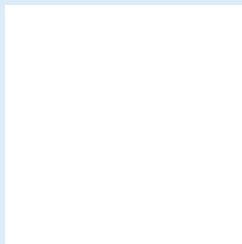
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.9974, 81.7664, 99.7727

Background



This preview shows how black text looks on a background with the XYZ color 75.9974, 81.7664, 99.7727.



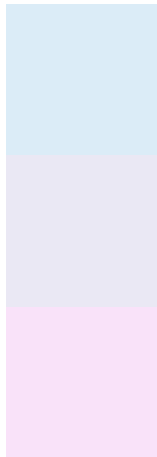
This preview shows how white text looks on a background with the XYZ color 75.9974, 81.7664,

99.7727.

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

75.9974, 81.7664, 99.7727

Protanopia

79.1174, 81.7373, 97.1949

Deuteranopia

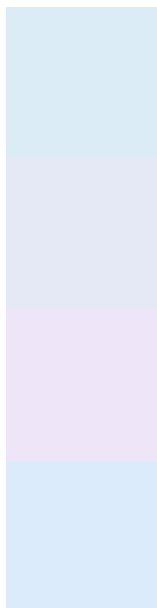
83.3622, 81.3720, 100.9352



Tritanopia

77.1129, 81.7881, 105.4883

Trichromacy



Original Color

75.9974, 81.7664, 99.7727

Protanomaly

77.9334, 81.5284, 98.0152

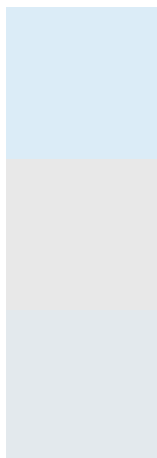
Deuteranomaly

80.5000, 81.5481, 100.3045

Tritanomaly

76.6361, 81.5973, 102.9775

Monochromacy



Original Color

75.9974, 81.7664, 99.7727

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

76.1035, 80.7231, 91.6908

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.9974, 81.7664, 99.7727 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(219, 236, 247) looks like.

```
.text, #text, p{  
    color:rgb(219, 236, 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(219, 236, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 236, 247) }
```

Border

The CSS property to change the border of an element to XYZ 75.9974, 81.7664, 99.7727 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(219, 236, 247) }
```


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

```
.border{ border-color:rgb(219, 236, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 236, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 236, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 236, 247);  
box-shadow:4px 4px 4px 4px rgb(219, 236,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 75.9974, 81.7664, 99.7727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 236, 247) }
```

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

```
.background{ background-color: rgb(219,  
236, 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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