

Converting Colors

XYZ(74.3507, 77.5744, 99.0503)

Have a look what the booklet for
XYZ(74.3507, 77.5744, 99.0503)
contains.

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Color

**XYZ(74.3507, 77.5744,
99.0503)**

Conversions

Conversions Part 1

Format	Color
Hex	DDE4F7
RGB	221, 228, 247
RGB Percent	87%, 89%, 97%
CMY	0.1333, 0.1059, 0.0314
CMYK	0.11, 0.08, 0.00, 0.03
HSL	224°, 62%, 92%
HSV	224°, 11%, 97%
XYZ	74.3507, 77.5744, 99.0503
YIQ	228.0730, -10.2710, 4.4250

Conversions

Conversions Part 2

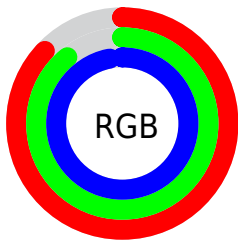
Format	Color
RYB	221, 227, 247
Decimal	14542071
CIELab	90.59, 1.28, -10.02
CIELCh	91, 10.102, 277.286
Yxy	77.5744, 0.2962, 0.3091
Android (android.graphics.Color)	4292732151 (0xFFDDE4F7)
YUV	228.0730, 9.3310, -6.2030
Hunter-Lab	88.0763, -3.4506, -5.0239

Details

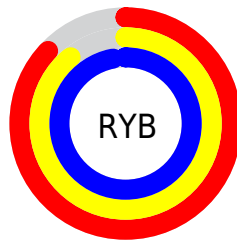
The XYZ color **74.3507, 77.5744, 99.0503** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **82.5693, 87.3141, 80.9095**, and the grayscale version is **73.7374, 77.5775, 84.4819**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0734, 41.7557, 55.2378** is the 20% darker color. If you saturate the color by 10%, you get **62.6686, 64.5644, 97.1560**, and if you desaturate by 10%, it is **87.6620, 92.1978, 101.1725**.

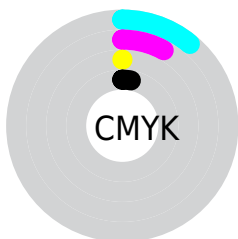
Distribution



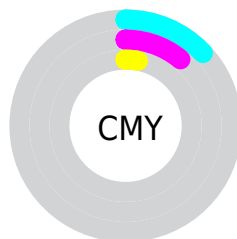
- Red (87%)
- Green (89%)
- Blue (97%)



- Red (87%)
- Yellow (89%)
- Blue (97%)



- Cyan (11%)
- Magenta (8%)
- Yellow (0%)
- Black (3%)



- Cyan (13%)
- Magenta (11%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.3507, 77.5744, 99.0503 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 74.3507, 77.5744, 99.0503 by changing the saturation by 10% instead.

■ 74.3507, 77.5744,
99.0503

■ 74.3507, 77.5744,
99.0503

464.7145,
486.7202, 578.3642

■ 55.3734, 57.7244,
74.8952

124.3857,
129.9500, 161.8919

■ 39.9358, 41.5871,
55.0258

156.1740,
163.2444, 201.4155

■ 27.6725, 28.7782,
39.0236

192.9635,
201.7891, 246.8991

■ 18.2181, 18.9131,
26.4701

235.1194,
245.9684, 298.7610

■ 11.2073, 11.6075,
16.9468

283.0071,
296.1668, 357.4200

■ 6.2748, 6.4770,
10.0350

336.9920,

■ 3.0551, 3.1372,

352.7686, 423.2945

5.3163

397.4393,
416.1583, 496.8030

■ 1.1830, 1.2038,
2.3720

■ 0.0929, 0.0648,
0.7712

■ 74.3507, 77.5744,
99.0503

■ 74.3507, 77.5744,
99.0503

■ 62.6686, 64.5644,
97.1560

■ 87.6620, 92.1978,
101.1725

■ 52.5449, 53.1015,
95.4771

■ 93.7887, 99.4955,
102.2582

■ 43.9136, 43.1292,
94.0071

■ 36.7012, 34.5835,
92.7378

■ 30.8277, 27.3957,
91.6600

■ 26.2046, 21.4908,
90.7639

■ 22.7321, 16.7857,
90.0387

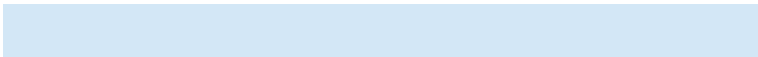
■ 20.2930, 13.1858,
89.4724

■ 18.7682, 10.6744,
89.0680

Harmonies

Analogous

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



71.8699, 77.5744, 97.9778



74.3507, 77.5744, 99.0503



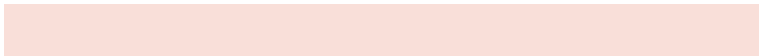
76.7181, 77.5744, 96.0404

Triad

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



74.3507, 77.5744, 99.0503



77.6702, 77.5744, 76.3045



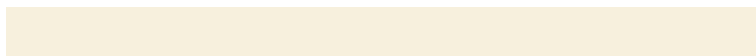
69.3357, 77.5744, 79.1997

Complementary

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



74.3507, 77.5744, 99.0503



82.5693, 87.3141, 80.9095

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.



70.8246, 77.5744, 73.8598



74.3507, 77.5744, 99.0503



75.6263, 77.5744, 72.2561

Square

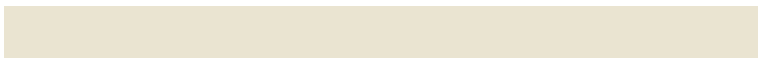
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.3507, 77.5744, 99.0503



78.6629, 77.5744, 82.7110



73.1170, 77.5744, 71.3873



69.0118, 77.5744, 86.2443

Rectangle

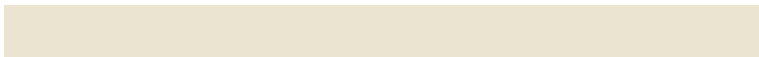
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



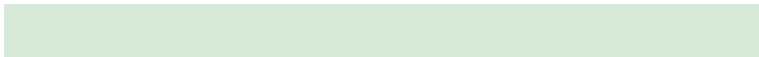
74.3507, 77.5744, 99.0503



77.9008, 77.5744, 92.2199



73.1170, 77.5744, 71.3873



69.7149, 77.5744, 77.1582

Sweetspot

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



74.3530, 77.5777, 99.0520



90.5341, 95.0633, 108.1851



78.7546, 88.1645, 95.0207



19.1256, 20.0709, 23.1160



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.



74.3530, 77.5777, 99.0520



76.6424, 79.7543, 105.9624



74.2093, 74.7011, 98.5044



15.9443, 16.6528, 20.9165



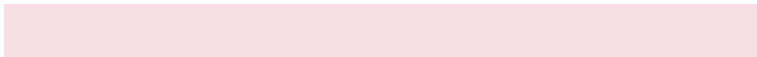
10.0255, 5.8449, 47.1378



0.9627, 0.6768, 4.1701

Inverse Universe

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



78.2196, 77.0901, 84.1599



81.7141, 79.1800, 86.4144



82.7141, 90.5086, 81.5185



16.6824, 16.5558, 18.0743



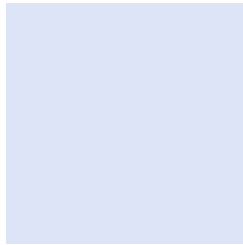
20.8649, 10.6894, 3.9972



1.8750, 0.9560, 0.5680

Previews

White Background



This preview shows how the XYZ color 74.3507, 77.5744, 99.0503 looks on a white background.

Color Contrast Check

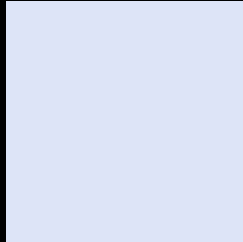
Large Text (above 18pt) WCAG AA × Fail

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 74.3507, 77.5744, 99.0503 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

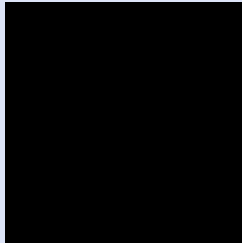
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.3507, 77.5744, 99.0503

Background



This preview shows how black text looks on a background with the XYZ color 74.3507, 77.5744, 99.0503.



This preview shows how white text looks on a background with the XYZ color 74.3507, 77.5744,

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

74.3507, 77.5744, 99.0503

Protanopia

75.5095, 77.3774, 98.1443

Deuteranopia

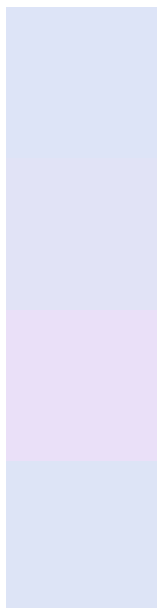
79.3402, 77.7206, 99.6268



Tritanopia

74.1967, 77.5128, 98.2397

Trichromacy



Original Color

74.3507, 77.5744, 99.0503

Protanomaly

75.1550, 77.5995, 98.2059

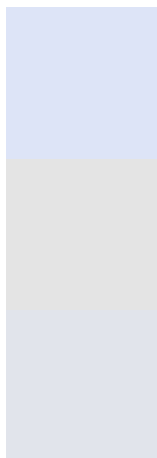
Deuteranomaly

77.5306, 77.5810, 99.6953

Tritanomaly

74.1967, 77.5128, 98.2397

Monochromacy



Original Color

74.3507, 77.5744, 99.0503

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.7901, 77.4925, 89.6657

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.3507, 77.5744, 99.0503 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(221, 228, 247)` looks like.

```
.text, #text, p{  
    color:rgb(221, 228, 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(221, 228, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 228, 247) }
```

Border

The CSS property to change the border of an element to XYZ 74.3507, 77.5744, 99.0503 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(221, 228, 247) }
```


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

```
.border{ border-color:rgb(221, 228, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 228, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 228, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 228, 247);  
box-shadow:4px 4px 4px 4px rgb(221, 228,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 74.3507, 77.5744, 99.0503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 228, 247) }
```

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

```
.background{ background-color: rgb(221,  
228, 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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