

Converting Colors

XYZ(75.4886, 79.3968, 99.3421)

Have a look what the booklet for
XYZ(75.4886, 79.3968, 99.3421)
contains.

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Color

**XYZ(75.4886, 79.3968,
99.3421)**

Conversions

Conversions Part 1

Format	Color
Hex	DEE7F7
RGB	222, 231, 247
RGB Percent	87%, 91%, 97%
CMY	0.1294, 0.0941, 0.0314
CMYK	0.10, 0.06, 0.00, 0.03
HSL	218°, 61%, 92%
HSV	218°, 10%, 97%
XYZ	75.4886, 79.3968, 99.3421
YIQ	230.1330, -10.5000, 3.0680

Conversions

Conversions Part 2

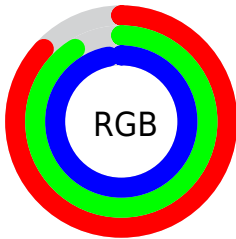
Format	Color
R _Y B	222, 229, 247
Decimal	14608375
CIE Lab	91.41, 0.05, -8.78
CIE LCh	91, 8.783, 270.324
Yxy	79.3968, 0.2969, 0.3123
Android (android.graphics.Color)	4292798455 (0xFFDEE7F7)
YUV	230.1330, 8.3154, -7.1326
Hunter-Lab	89.1049, -4.7105, -3.7284

Details

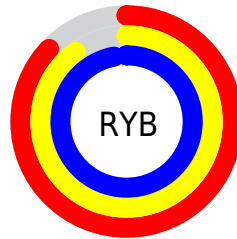
The XYZ color **75.4886, 79.3968, 99.3421** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.1175, 86.1966, 81.4183**, and the grayscale version is **75.2601, 79.1795, 86.2265**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6703, 42.6370, 55.3764** is the 20% darker color. If you saturate the color by 10%, you get **64.2453, 67.3296, 97.6067**, and if you desaturate by 10%, it is **88.2443, 92.8409, 101.2660**.

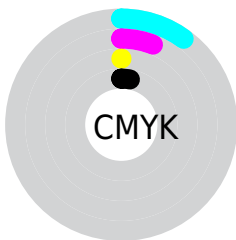
Distribution



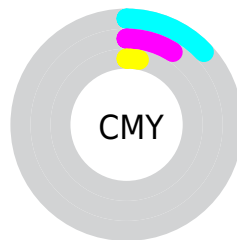
- Red (87%)
- Green (91%)
- Blue (97%)



- Red (87%)
- Yellow (90%)
- Blue (97%)



- Cyan (10%)
- Magenta (6%)
- Yellow (0%)
- Black (3%)



- Cyan (13%)
- Magenta (9%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.4886, 79.3968, 99.3421 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 75.4886, 79.3968, 99.3421 by changing the saturation by 10% instead.

■ 75.4886, 79.3968,
99.3421

■ 75.4886, 79.3968,
99.3421

468.5666,
492.8977, 579.3100

■ 56.3088, 59.2221,
75.1374

125.9880,
132.5173, 162.2968

■ 40.6886, 42.7919,
55.2230

158.0383,
166.2320, 201.8838

■ 28.2624, 29.7219,
39.1805

195.1095,
205.2287, 247.4354

■ 18.6650, 19.6276,
26.5913

237.5670,
249.8919, 299.3700

■ 11.5311, 12.1246,
17.0368

285.7761,
300.6060, 358.1062

■ 6.4951, 6.8286,
10.0985

340.1022,

■ 3.1919, 3.3552,

357.7554, 424.0626

5.3578

400.9105,
421.7245, 497.6577

■ 1.2561, 1.3198,
2.3963

■ 0.1499, 0.1565,
0.7844

■ 75.4886, 79.3968,
99.3421

■ 75.4886, 79.3968,
99.3421

■ 64.2453, 67.3296,
97.6067

■ 88.2443, 92.8409,
101.2660

■ 54.4489, 56.5835,
96.0488

■ 93.7887, 99.4955,
102.2583

■ 46.0393, 47.1134,
94.6642

■ 38.9491, 38.8675,
93.4462

■ 33.1051, 31.7904,
92.3882

■ 28.4265, 25.8214,
91.4827

■ 24.8214, 20.8934,
90.7215

■ 22.1825, 16.9297,
90.0955

■ 20.3572, 13.8524,
89.5977

Harmonies

Analogous

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



73.3579, 79.3968, 97.5829



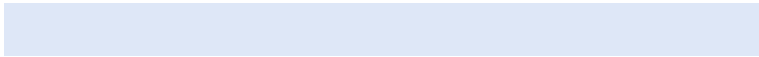
75.4886, 79.3968, 99.3421



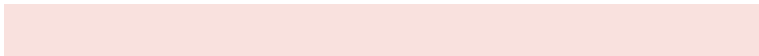
77.6536, 79.3968, 97.5074

Triad

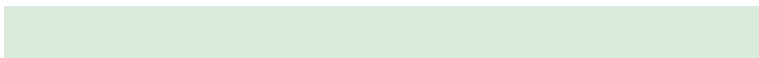
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.4886, 79.3968, 99.3421



79.2325, 79.3968, 80.3869



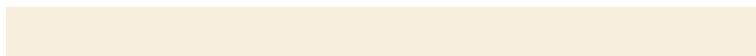
71.7939, 79.3968, 80.5018

Complementary

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



75.4886, 79.3968, 99.3421



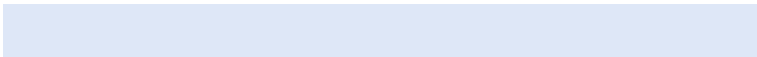
82.1175, 86.1966, 81.4183

Split Complementary

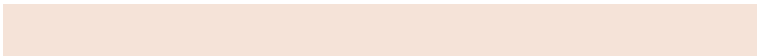
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.3165, 79.3968, 76.2611



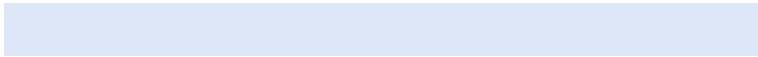
75.4886, 79.3968, 99.3421



77.6106, 79.3968, 76.1971

Square

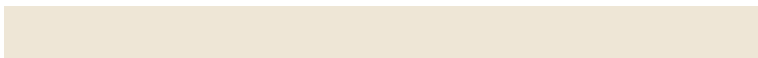
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.4886, 79.3968, 99.3421



79.8410, 79.3968, 86.3800



75.4400, 79.3968, 74.7238



71.2505, 79.3968, 86.5193

Rectangle

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



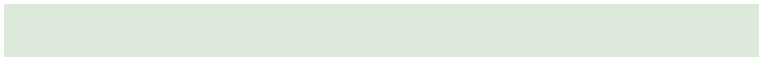
75.4886, 79.3968, 99.3421



78.8184, 79.3968, 94.5427



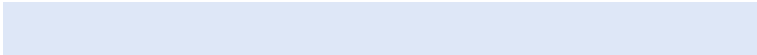
75.4400, 79.3968, 74.7238



72.2067, 79.3968, 78.8321

Sweetspot

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



75.4909, 79.4001, 99.3439



90.7496, 95.4943, 108.2570



78.7944, 88.2157, 93.6363



19.1836, 20.1869, 23.1353



0.0000, 0.0000, 0.0000



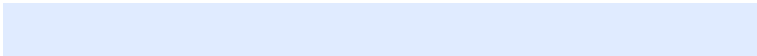
20.3446, 21.4041, 23.3091

Same Dimension

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



75.4909, 79.4001, 99.3439



78.7433, 82.7887, 106.4373



74.0666, 75.0207, 98.5736



16.0696, 16.9035, 20.9583



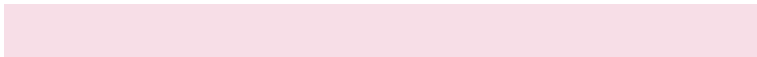
10.8883, 7.5704, 47.4254



1.0508, 0.8530, 4.1995

Inverse Universe

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



78.9047, 77.7879, 86.4610



83.0595, 80.8090, 90.1358



83.6395, 90.9703, 82.2595



16.7457, 16.5811, 18.4075



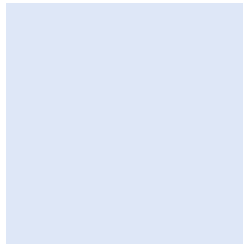
21.3004, 10.8636, 6.2905



1.9194, 0.9737, 0.8022

Previews

White Background



This preview shows how the XYZ color 75.4886, 79.3968, 99.3421 looks on a white background.

Color Contrast Check

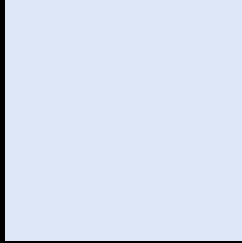
Large Text (above 18pt) WCAG AA × Fail

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 75.4886, 79.3968, 99.3421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

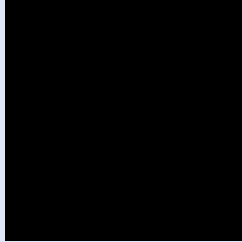
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

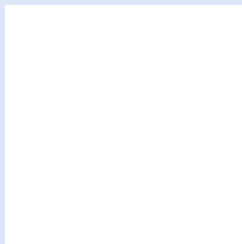
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.4886, 79.3968, 99.3421

Background



This preview shows how black text looks on a background with the XYZ color 75.4886, 79.3968, 99.3421.



This preview shows how white text looks on a background with the XYZ color 75.4886, 79.3968,

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

75.4886, 79.3968, 99.3421

Protanopia

77.2870, 79.5154, 98.4633

Deuteranopia

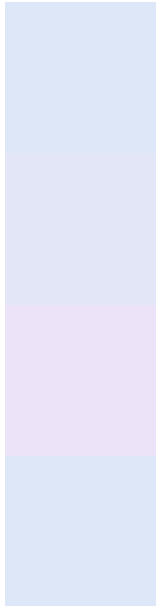
80.9072, 79.3217, 99.8533



Tritanopia

75.7990, 79.5210, 100.9766

Trichromacy



Original Color

75.4886, 79.3968, 99.3421

Protanomaly

76.6099, 79.5783, 98.5112

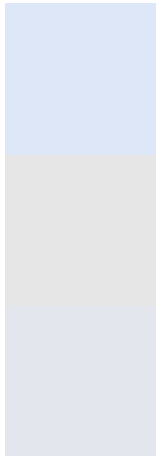
Deuteranomaly

79.0044, 79.5483, 99.9973

Tritanomaly

75.6434, 79.4587, 100.1572

Monochromacy



Original Color

75.4886, 79.3968, 99.3421

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.1157, 78.9807, 90.6426

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.4886, 79.3968, 99.3421 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(222, 231, 247) looks like.

```
.text, #text, p{  
    color:rgb(222, 231, 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(222, 231, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 231, 247) }
```

Border

The CSS property to change the border of an element to XYZ 75.4886, 79.3968, 99.3421 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(222, 231, 247) }
```


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

```
.border{ border-color:rgb(222, 231, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 231, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 231, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 231, 247);  
box-shadow:4px 4px 4px 4px rgb(222, 231,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 75.4886, 79.3968, 99.3421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 231, 247) }
```

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

```
.background{ background-color: rgb(222,  
231, 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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