

Converting Colors

XYZ(72.9925, 77.7166, 94.5900)

Have a look what the booklet for
XYZ(72.9925, 77.7166, 94.5900)
contains.

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Color

**XYZ(73.0874, 77.8499,
94.3935)**

Conversions

Conversions Part 1

Format	Color
Hex	DAE6F1
RGB	218, 230, 241
RGB Percent	85%, 90%, 95%
CMY	0.1451, 0.0980, 0.0549
CMYK	0.10, 0.05, 0.00, 0.05
HSL	209°, 45%, 90%
HSV	209°, 10%, 95%
XYZ	73.0874, 77.8499, 94.3935
YIQ	227.6660, -10.6830, 0.8770

Conversions

Conversions Part 2

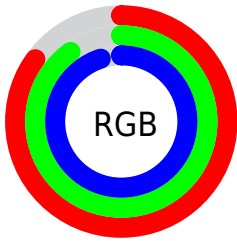
Format	Color
R _Y B	218, 226, 241
Decimal	14345969
CIE Lab	90.71, -1.89, -6.72
CIE LCh	91, 6.978, 254.316
Yxy	77.8499, 0.2979, 0.3173
Android (android.graphics.Color)	4292536049 (0xFFDAE6F1)
YUV	227.6660, 6.5737, -8.4771
Hunter-Lab	88.2326, -6.5467, -1.6672

Details

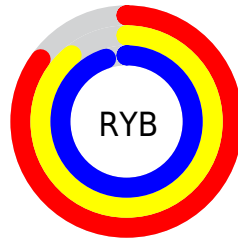
The XYZ color **73.0874, 77.8499, 94.3935** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.9501, 79.8008, 77.6784**, and the grayscale version is **73.4598, 77.2854, 84.1638**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.1912, 41.9493, 51.9304** is the 20% darker color. If you saturate the color by 10%, you get **63.2971, 68.2008, 93.0482**, and if you desaturate by 10%, it is **84.1421, 88.4697, 95.8619**.

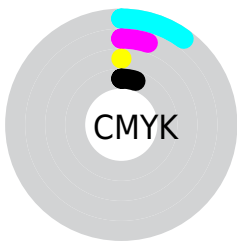
Distribution



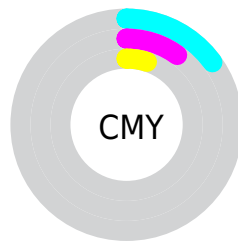
- Red (85%)
- Green (90%)
- Blue (95%)



- Red (85%)
- Yellow (89%)
- Blue (95%)



- Cyan (10%)
- Magenta (5%)
- Yellow (0%)
- Black (5%)



- Cyan (15%)
- Magenta (10%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.0874, 77.8499, 94.3935 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 73.0874, 77.8499, 94.3935 by changing the saturation by 10% instead.

■ 73.0874, 77.8499,
94.3935

■ 73.0874, 77.8499,
94.3935

460.4168,
487.6569, 563.1562

■ 54.3361, 57.9507,
71.0362

122.6037,
130.3385, 155.4148

■ 39.1021, 41.7690,
51.8897

154.0995,
163.6967, 193.9159

■ 27.0203, 28.9205,
36.5355

190.5740,
202.3100, 238.3019

■ 17.7251, 19.0207,
24.5551

232.3928,
246.5628, 288.9915

■ 10.8513, 11.6852,
15.5299

279.9210,
296.8395, 346.4032

■ 6.0335, 6.5297,
9.0414

333.5242,

■ 2.9063, 3.1698,

353.5245, 410.9555

4.6710

393.5677,
417.0022, 483.0670

■ 1.1044, 1.2210,
2.0002

■ 0.0288, 0.0788,
0.5554

■ 73.0874, 77.8499,
94.3935

■ 73.0874, 77.8499,
94.3935

■ 63.2971, 68.2008,
93.0482

■ 84.1421, 88.4697,
95.8619

■ 54.7152, 59.4812,
91.8175

■ 92.2586, 97.8933,
97.2530

■ 47.2917, 51.6612,
90.6994

■ 92.8774, 99.1310,
97.4593

■ 40.9699, 44.7051,
89.6899

■ 35.6880, 38.5746,
88.7850

■ 31.3777, 33.2274,
87.9800

■ 27.9610, 28.6163,
87.2701

■ 25.3466, 24.6869,
86.6494

■ 23.3907, 21.3571,
86.1098

Harmonies

Analogous

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



71.6107, 77.8499, 91.6829



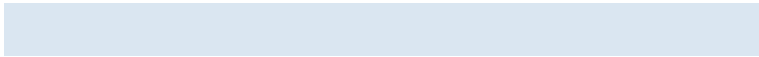
73.0874, 77.8499, 94.3935



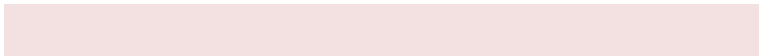
74.8298, 77.8499, 94.4575

Triad

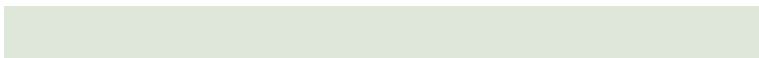
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.0874, 77.8499, 94.3935



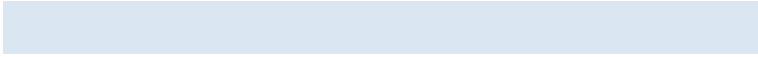
77.3051, 77.8499, 82.4029



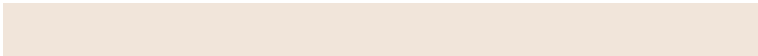
71.6663, 77.8499, 78.0505

Complementary

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



73.0874, 77.8499, 94.3935



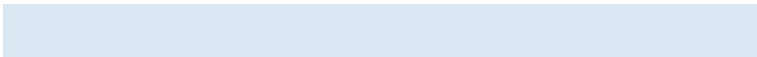
76.9501, 79.8008, 77.6784

Split Complementary

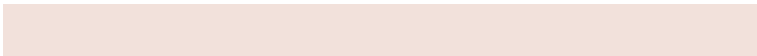
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.1644, 77.8499, 75.7599



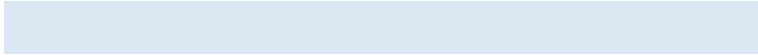
73.0874, 77.8499, 94.3935



76.4296, 77.8499, 78.2047

Square

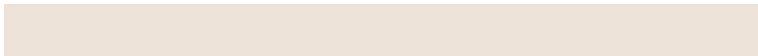
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.0874, 77.8499, 94.3935



77.2836, 77.8499, 87.3992



74.9081, 77.8499, 75.8152



70.7990, 77.8499, 82.1848

Rectangle

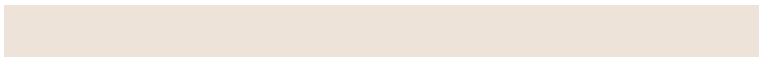
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.0874, 77.8499, 94.3935



75.9087, 77.8499, 92.9829



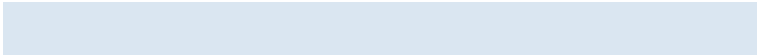
74.9081, 77.8499, 75.8152



72.1118, 77.8499, 77.0467

Sweetspot

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



73.0897, 77.8532, 94.3952



91.1356, 96.2664, 108.3856



74.4756, 83.4596, 86.1190



19.2877, 20.3951, 23.1700



0.0000, 0.0000, 0.0000



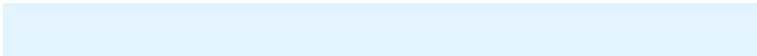
20.3446, 21.4041, 23.3091

Same Dimension

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



73.0897, 77.8532, 94.3952



81.3427, 86.8026, 107.0751



70.0626, 71.7990, 93.3862



15.5798, 16.5938, 20.1034



12.7762, 11.7766, 46.7276



1.1625, 1.1789, 3.9205

Inverse Universe

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



75.6317, 74.5583, 85.2717



84.6607, 82.5570, 95.1541



80.1606, 86.2217, 78.7485



16.1174, 15.8967, 18.1743



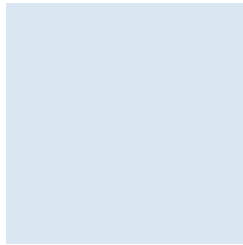
21.7744, 10.9822, 11.9947



1.8617, 0.9337, 1.2626

Previews

White Background



This preview shows how the XYZ color 73.0874, 77.8499, 94.3935 looks on a white background.

Color Contrast Check

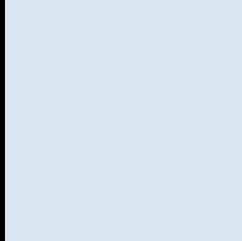
Large Text (above 18pt) WCAG AA × Fail

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 73.0874, 77.8499, 94.3935 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

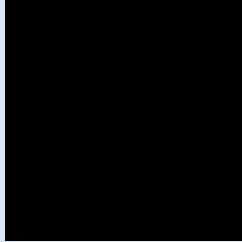
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

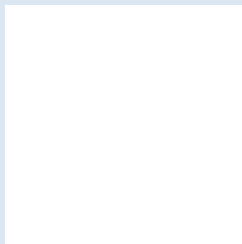
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.0874, 77.8499, 94.3935

Background



This preview shows how black text looks on a background with the XYZ color 73.0874, 77.8499, 94.3935.

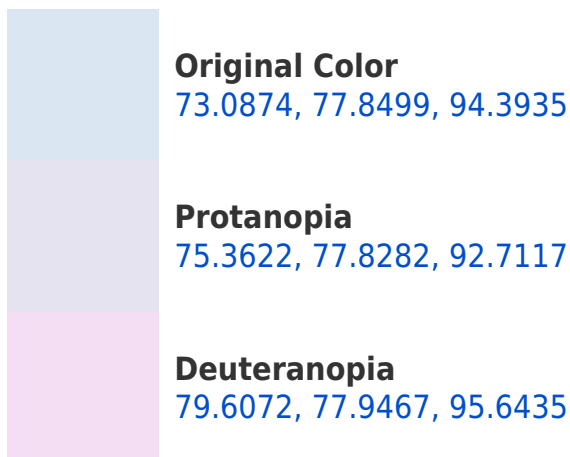


This preview shows how white text looks on a background with the XYZ color 73.0874, 77.8499,

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

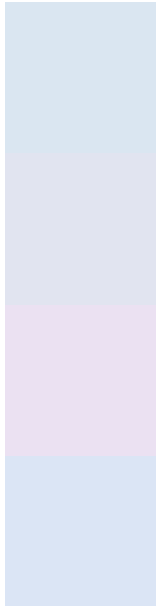




Tritanopia

74.0212, 77.8141, 99.1140

Trichromacy



Original Color

73.0874, 77.8499, 94.3935

Protanomaly

74.5229, 77.7856, 93.5244

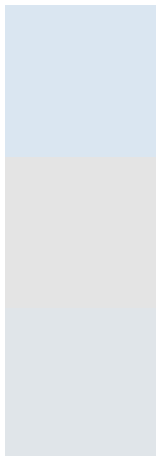
Deuteranomaly

77.2132, 77.9234, 94.9755

Tritanomaly

73.7142, 77.6913, 97.4970

Monochromacy



Original Color

73.0874, 77.8499, 94.3935

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.4678, 77.7691, 88.2296

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.0874, 77.8499, 94.3935 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, 230, 241)` looks like.

```
.text, #text, p{  
    color:rgb(218, 230, 241)  
}
```

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, 230, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 230, 241) }
```

Border

The CSS property to change the border of an element to XYZ 73.0874, 77.8499, 94.3935 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, 230, 241) }
```


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

```
.border{ border-color:rgb(218, 230, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 230, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 230, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 230, 241);  
box-shadow:4px 4px 4px 4px rgb(218, 230,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 73.0874, 77.8499, 94.3935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 230, 241) }
```

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

```
.background{ background-color: rgb(218,  
230, 241) }
```

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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