

Converting Colors

XYZ(73.8596, 77.8346, 88.8844)

Have a look what the booklet for
XYZ(73.8596, 77.8346, 88.8844)
contains.

XYZ(73.9219, 77.9867, 88.9987)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(73.9219, 77.9867,
88.9987)**

Conversions

Conversions Part 1

Format	Color
Hex	E1E5EA
RGB	225, 229, 234
RGB Percent	88%, 90%, 92%
CMY	0.1176, 0.1019, 0.0823
CMYK	0.04, 0.02, 0.00, 0.08
HSL	213°, 18%, 90%
HSV	213°, 4%, 92%
XYZ	73.9219, 77.9867, 88.9987
YIQ	228.3740, -3.9890, 0.7070

Conversions

Conversions Part 2

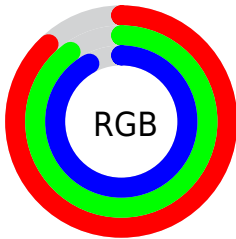
Format	Color
R _Y B	225, 228, 234
Decimal	14804458
CIE Lab	90.77, -0.42, -2.91
CIE LCh	91, 2.936, 261.800
Yxy	77.9867, 0.3068, 0.3237
Android (android.graphics.Color)	4292994538 (0xFFE1E5EA)
YUV	228.3740, 2.7736, -2.9590
Hunter-Lab	88.3101, -5.1253, 2.0647

Details

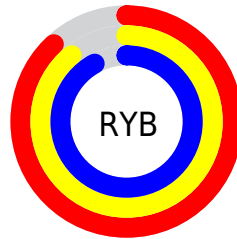
The XYZ color **73.9219, 77.9867, 88.9987** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.8192, 79.5213, 82.5883**, and the grayscale version is **74.0009, 77.8547, 84.7838**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.7495, 42.0325, 48.1375** is the 20% darker color. If you saturate the color by 10%, you get **63.6607, 67.5612, 87.5284**, and if you desaturate by 10%, it is **85.4563, 89.4721, 90.6089**.

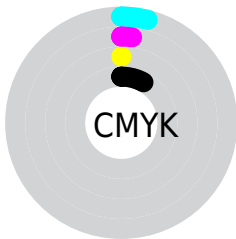
Distribution



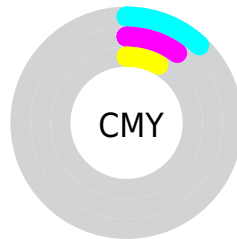
- Red (88%)
- Green (90%)
- Blue (92%)



- Red (88%)
- Yellow (89%)
- Blue (92%)



- Cyan (4%)
- Magenta (2%)
- Yellow (0%)
- Black (8%)



- Cyan (12%)
- Magenta (10%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.9219, 77.9867, 88.9987 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 73.9219, 77.9867, 88.9987 by changing the saturation by 10% instead.

■ 73.9219, 77.9867,
88.9987

■ 73.9219, 77.9867,
88.9987

463.2582,
488.1217, 545.2541

■ 55.0212, 58.0631,
66.5814

123.7812,
130.5314, 147.8701

■ 39.6526, 41.8593,
48.2851

155.4705,
163.9212, 185.1613

■ 27.4508, 28.9912,
33.6911

192.1533,
202.5685, 228.2476

■ 18.0504, 19.0741,
22.3810

234.1950,
246.8578, 277.5475

■ 11.0861, 11.7239,
13.9361

281.9610,
297.1733, 333.4796

■ 6.1925, 6.5559,
7.9380

335.8167,

■ 3.0042, 3.1860,

353.8995, 396.4623

3.9681

396.1273,
417.4208, 466.9143

■ 1.1560, 1.2296,
1.6079

■ 0.0712, 0.0857,
0.2964

■ 73.9219, 77.9867,
88.9987

■ 73.9219, 77.9867,
88.9987

■ 63.6607, 67.5612,
87.5284

■ 85.4563, 89.4721,
90.6089

■ 54.6197, 58.1533,
86.1890

■ 91.8469, 98.7113,
92.0554

■ 46.7520, 49.7317,
84.9781

■ 91.8515, 98.7206,
92.0569

■ 40.0049, 42.2602,
83.8916

■ 34.3213, 35.6995,
82.9248

■ 29.6388, 30.0075,
82.0729

■ 25.8876, 25.1376,
81.3307

■ 22.9879, 21.0377,
80.6921

■ 20.8436, 17.6466,
80.1506

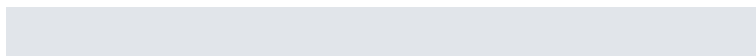
Harmonies

Analogous

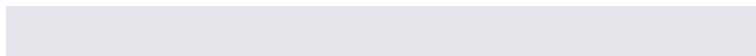
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.2503, 77.9867, 88.1467



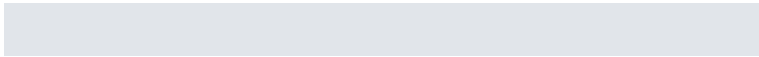
73.9219, 77.9867, 88.9987



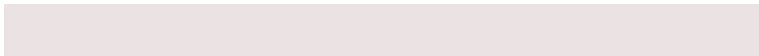
74.6520, 77.9867, 88.7421

Triad

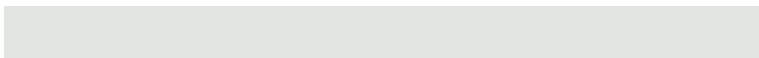
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.9219, 77.9867, 88.9987



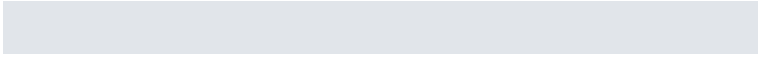
75.4488, 77.9867, 83.4146



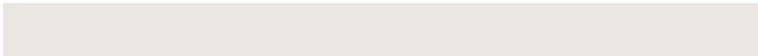
73.0149, 77.9867, 82.4269

Complementary

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



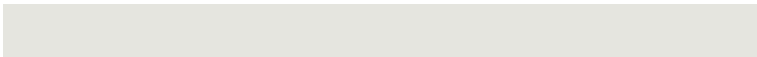
73.9219, 77.9867, 88.9987



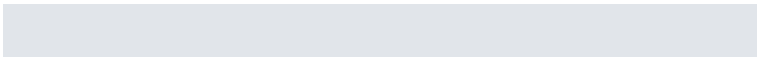
75.8192, 79.5213, 82.5883

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.



73.5985, 77.9867, 81.1982



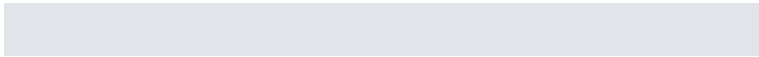
73.9219, 77.9867, 88.9987



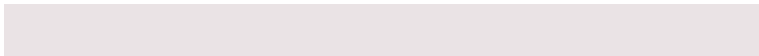
75.0046, 77.9867, 81.7618

Square

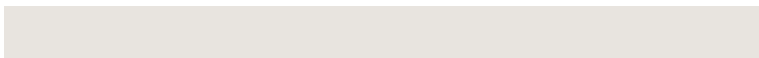
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



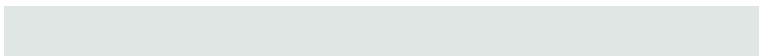
73.9219, 77.9867, 88.9987



75.5368, 77.9867, 85.4950



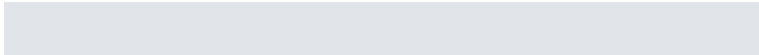
74.3265, 77.9867, 80.9567



72.7290, 77.9867, 84.3362

Rectangle

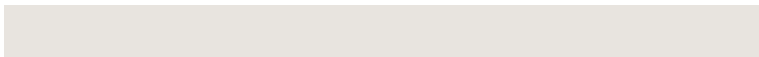
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.9219, 77.9867, 88.9987



75.0735, 77.9867, 87.9787



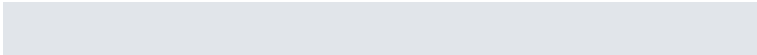
74.3265, 77.9867, 80.9567



73.1826, 77.9867, 81.9219

Sweetspot

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



73.9241, 77.9900, 89.0004



93.6681, 98.6197, 108.7064



74.7512, 80.5648, 86.4380



20.0634, 21.1232, 23.2697



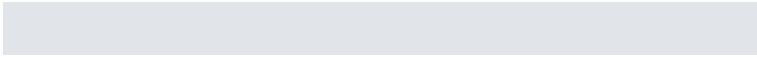
0.0000, 0.0000, 0.0000



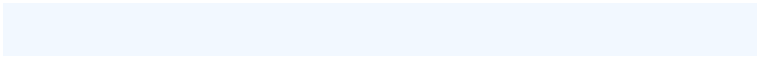
20.3446, 21.4041, 23.3091

Same Dimension

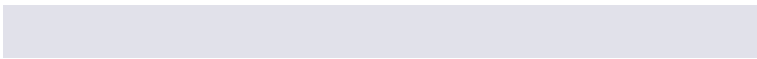
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.9241, 77.9900, 89.0004



88.2973, 93.2285, 107.9489



72.9694, 75.8721, 88.6419



15.6407, 16.5214, 19.2868



11.2543, 9.1556, 44.9170



0.9783, 0.9081, 3.5586

Inverse Universe

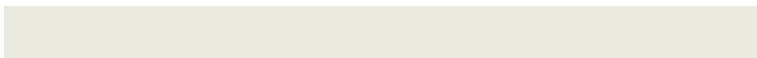
The Inverse Universe completely reimagines the original color for something new.



75.0014, 77.0014, 85.0425



89.9978, 91.6857, 101.6973



76.7987, 81.6994, 82.9571



15.9836, 16.2123, 18.0259



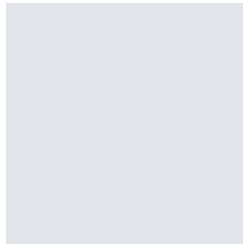
20.5360, 10.4171, 8.6237



1.6603, 0.8371, 0.9286

Previews

White Background



This preview shows how the XYZ color 73.9219, 77.9867, 88.9987 looks on a white background.

Color Contrast Check

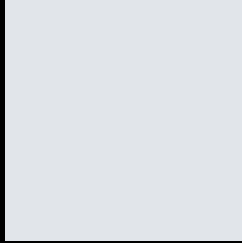
Large Text (above 18pt) WCAG AA × Fail

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 73.9219, 77.9867, 88.9987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

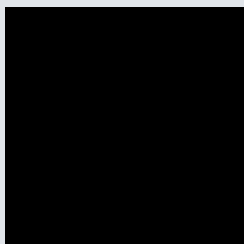
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

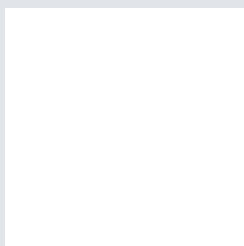
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.9219, 77.9867, 88.9987

Background



This preview shows how black text looks on a background with the XYZ color 73.9219, 77.9867, 88.9987.

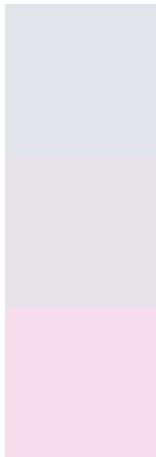


This preview shows how white text looks on a background with the XYZ color 73.9219, 77.9867,

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

73.9219, 77.9867, 88.9987

Protanopia

75.1321, 77.8103, 88.1498

Deuteranopia

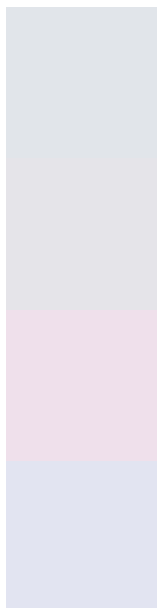
79.3545, 77.5432, 90.1418



Tritanopia

75.6291, 77.8616, 97.4289

Trichromacy



Original Color

73.9219, 77.9867, 88.9987

Protanomaly

74.7645, 78.0280, 88.2112

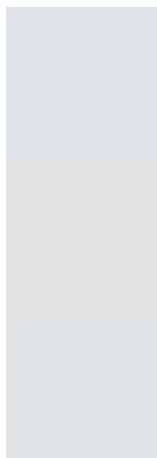
Deuteranomaly

77.2477, 77.6602, 89.5158

Tritanomaly

74.9846, 78.0064, 94.3237

Monochromacy



Original Color

73.9219, 77.9867, 88.9987

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.7049, 77.5309, 85.9432

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.9219, 77.9867, 88.9987 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(225, 229, 234) looks like.

```
.text, #text, p{  
    color:rgb(225, 229, 234)  
}
```

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(225, 229, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 229, 234) }
```

Border

The CSS property to change the border of an element to XYZ 73.9219, 77.9867, 88.9987 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(225, 229, 234) }
```


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

```
.border{ border-color:rgb(225, 229, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 229, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 229, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 229, 234);  
box-shadow:4px 4px 4px 4px rgb(225, 229,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 73.9219, 77.9867, 88.9987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 229, 234) }
```

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

```
.background{ background-color: rgb(225,  
229, 234) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor