

Converting Colors

XYZ(74.1671, 77.8291, 89.1435)

Have a look what the booklet for
XYZ(74.1671, 77.8291, 89.1435)
contains.

XYZ(73.9587, 77.5961, 88.9214)	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(73.9587, 77.5961,
88.9214)**

Conversions

Conversions Part 1

Format	Color
Hex	E2E4EA
RGB	226, 228, 234
RGB Percent	89%, 89%, 92%
CMY	0.1137, 0.1059, 0.0823
CMYK	0.03, 0.03, 0.00, 0.08
HSL	225°, 16%, 90%
HSV	225°, 3%, 92%
XYZ	73.9587, 77.5961, 88.9214
YIQ	228.0860, -3.1180, 1.4420

Conversions

Conversions Part 2

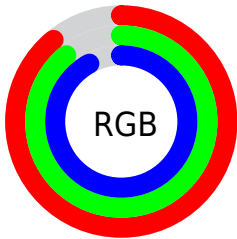
Format	Color
R _Y B	226, 228, 234
Decimal	14869738
CIE Lab	90.60, 0.43, -3.16
CIE LCh	91, 3.188, 277.702
Yxy	77.5961, 0.3076, 0.3227
Android (android.graphics.Color)	4293059818 (0xFFE2E4EA)
YUV	228.0860, 2.9156, -1.8294
Hunter-Lab	88.0886, -4.2876, 1.8116

Details

The XYZ color **73.9587, 77.5961, 88.9214** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.5158, 80.6957, 83.4956**, and the grayscale version is **73.7886, 77.6314, 84.5405**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.7740, 41.7594, 48.0835** is the 20% darker color. If you saturate the color by 10%, you get **62.5337, 64.9052, 87.0752**, and if you desaturate by 10%, it is **86.8791, 91.7888, 90.9811**.

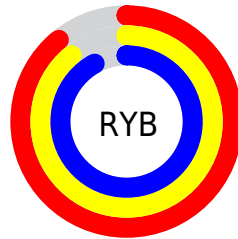
Distribution



Red (89%)

Green (89%)

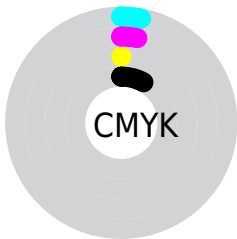
Blue (92%)



Red (89%)

Yellow (89%)

Blue (92%)

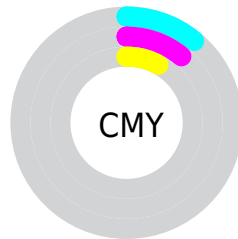


Cyan (3%)

Magenta (3%)

Yellow (0%)

Black (8%)



Cyan (11%)

Magenta (11%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.9587, 77.5961, 88.9214 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 73.9587, 77.5961, 88.9214 by changing the saturation by 10% instead.

■ 73.9587, 77.5961,
88.9214

■ 73.9587, 77.5961,
88.9214

463.3833,
486.7940, 544.9952

■ 55.0514, 57.7422,
66.5177

123.8331,
129.9806, 147.7617

■ 39.6769, 41.6015,
48.2337

155.5309,
163.2800, 185.0353

■ 27.4698, 28.7894,
33.6507

192.2229,
201.8301, 228.1028

■ 18.0648, 18.9215,
22.3502

234.2744,
246.0152, 277.3825

■ 11.0965, 11.6136,
13.9137

282.0509,
296.2198, 333.2931

■ 6.1995, 6.4811,
7.9226

335.9176,

■ 3.0086, 3.1398,

352.8282, 396.2530

3.9584

396.2400,
416.2248, 466.6809

■ 1.1583, 1.2051,
1.6025

■ 0.0731, 0.0659,
0.2926

■ 73.9587, 77.5961,
88.9214

■ 73.9587, 77.5961,
88.9214

■ 62.5337, 64.9052,
87.0752

■ 86.8791, 91.7888,
90.9811

■ 52.5425, 53.6564,
85.4305

■ 91.8515, 98.7206,
92.0570

■ 43.9292, 43.8004,
83.9821

■ 36.6315, 35.2813,
82.7224

■ 30.5820, 28.0393,
81.6434

■ 25.7074, 22.0099,
80.7365

■ 21.9262, 17.1222,
79.9924

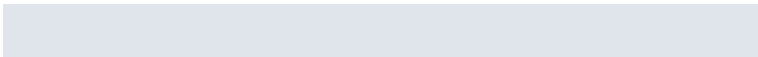
■ 19.1455, 13.2977,
79.4007

■ 17.2551, 10.4456,
78.9498

Harmonies

Analogous

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



73.1718, 77.5961, 88.6226



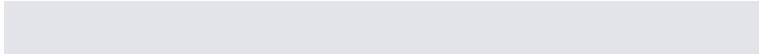
73.9587, 77.5961, 88.9214



74.6956, 77.5961, 88.0157

Triad

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



73.9587, 77.5961, 88.9214



74.9741, 77.5961, 81.8285



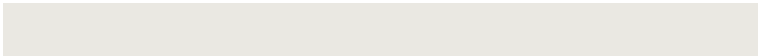
72.3414, 77.5961, 82.8317

Complementary

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



73.9587, 77.5961, 88.9214



76.5158, 80.6957, 83.4956

Split Complementary

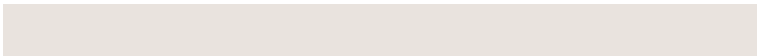
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.8179, 77.5961, 81.0577



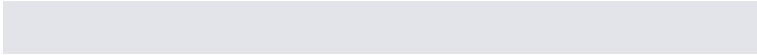
73.9587, 77.5961, 88.9214



74.3368, 77.5961, 80.4859

Square

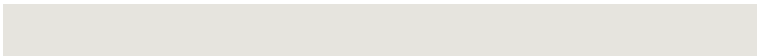
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



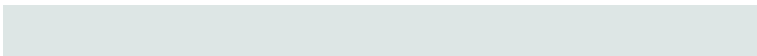
73.9587, 77.5961, 88.9214



75.2846, 77.5961, 83.9011



73.5472, 77.5961, 80.2063



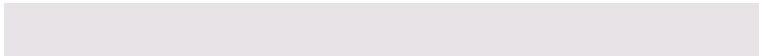
72.2418, 77.5961, 85.0796

Rectangle

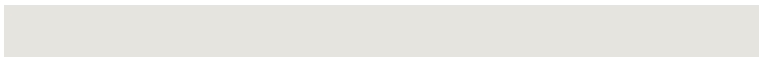
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.9587, 77.5961, 88.9214



75.0581, 77.5961, 86.8601



73.5472, 77.5961, 80.2063



72.4627, 77.5961, 82.1614

Sweetspot

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



73.9609, 77.5994, 88.9231



93.5114, 98.3062, 108.6542



75.3345, 80.8342, 87.8778



20.0315, 21.0594, 23.2591



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.



73.9609, 77.5994, 88.9231



89.0059, 93.3354, 107.9322



74.0014, 76.8066, 88.7679



15.7334, 16.4881, 19.2755



9.2975, 5.2419, 44.2647



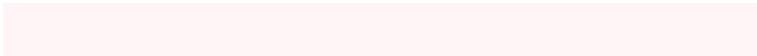
0.8046, 0.5607, 3.5007

Inverse Universe

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



75.1333, 77.4880, 84.3995



90.6753, 93.1812, 101.4898



76.4735, 81.5160, 83.6562



16.0838, 16.4569, 17.9233



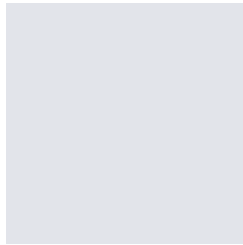
19.5482, 10.0220, 3.4223



1.5726, 0.8020, 0.4668

Previews

White Background



This preview shows how the XYZ color 73.9587, 77.5961, 88.9214 looks on a white background.

Color Contrast Check

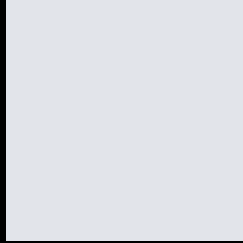
Large Text (above 18pt) WCAG AA × Fail

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 73.9587, 77.5961, 88.9214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

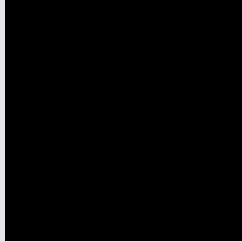
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

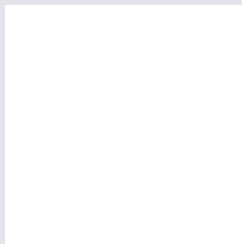
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.9587, 77.5961, 88.9214

Background



This preview shows how black text looks on a background with the XYZ color 73.9587, 77.5961, 88.9214.



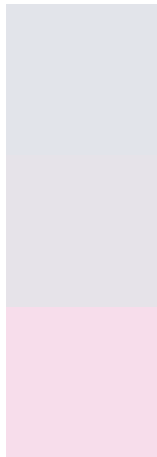
This preview shows how white text looks on a background with the XYZ color 73.9587, 77.5961,

88.9214.

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

73.9587, 77.5961, 88.9214

Protanopia

74.8102, 77.6444, 88.1347

Deuteranopia

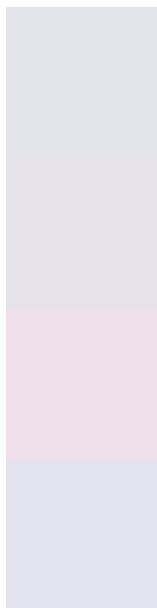
79.2096, 77.4852, 89.3786



Tritanopia

75.5204, 77.4183, 96.5508

Trichromacy



Original Color

73.9587, 77.5961, 88.9214

Protanomaly

74.4902, 77.4794, 88.1198

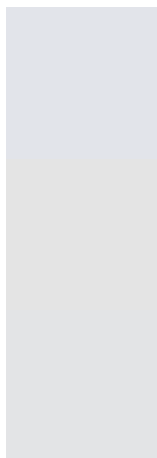
Deuteranomaly

77.2477, 77.6602, 89.5158

Tritanomaly

74.8758, 77.5603, 93.4623

Monochromacy



Original Color

73.9587, 77.5961, 88.9214

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 73.9587, 77.5961, 88.9214 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(226, 228, 234) looks like.

```
.text, #text, p{  
    color:rgb(226, 228, 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(226, 228, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 228, 234) }
```

Border

The CSS property to change the border of an element to XYZ 73.9587, 77.5961, 88.9214 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(226, 228, 234) }
```


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

```
.border{ border-color:rgb(226, 228, 234) }
```

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

Here you see how a box with a 4 pixel rgb(226, 228, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 228, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 228, 234);  
box-shadow:4px 4px 4px 4px rgb(226, 228,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 73.9587, 77.5961, 88.9214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 228, 234) }
```

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

```
.background{ background-color: rgb(226,  
228, 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