

Converting Colors

XYZ(73.9833, 78.4466, 89.0422)

Have a look what the booklet for
XYZ(73.9833, 78.4466, 89.0422)
contains.

| | |
|--|----|
| XYZ(73.8886, 78.3814, 89.0767) | 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(73.8886, 78.3814,
89.0767)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E0E6EA |
| RGB | 224, 230, 234 |
| RGB Percent | 88%, 90%, 92% |
| CMY | 0.1216, 0.0980, 0.0823 |
| CMYK | 0.04, 0.02, 0.00, 0.08 |
| HSL | 204°, 19%, 90% |
| HSV | 204°, 4%, 92% |
| XYZ | 73.8886, 78.3814, 89.0767 |
| YIQ | 228.6620, -4.8600, -0.0280 |

Conversions

Conversions Part 2

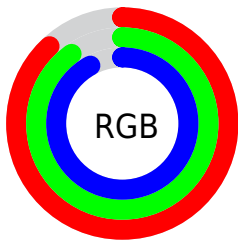
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 224, 228, 234 |
| Decimal | 14739178 |
| CIE Lab | 90.95, -1.26, -2.65 |
| CIE LCh | 91, 2.936, 244.521 |
| Yxy | 78.3814, 0.3062, 0.3248 |
| Android (android.graphics.Color) | 4292929258 (0xFFE0E6EA) |
| YUV | 228.6620, 2.6316, -4.0886 |
| Hunter-Lab | 88.5333, -5.9597, 2.3194 |

Details

The XYZ color **73.8886, 78.3814, 89.0767** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.1300, 78.3605, 81.6877**, and the grayscale version is **74.2136, 78.0785, 85.0274**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.7280, 42.3093, 48.1921** is the 20% darker color. If you saturate the color by 10%, you get **64.5970, 69.8330, 87.9176**, and if you desaturate by 10%, it is **84.3224, 87.7303, 90.3325**.

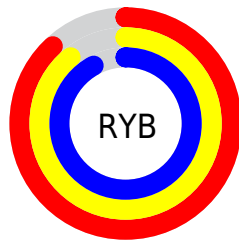
Distribution



Red (88%)

Green (90%)

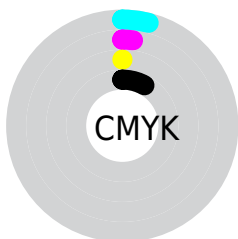
Blue (92%)



Red (88%)

Yellow (89%)

Blue (92%)

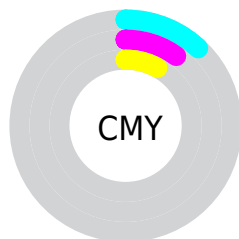


Cyan (4%)

Magenta (2%)

Yellow (0%)

Black (8%)



Cyan (12%)

Magenta (10%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.8886, 78.3814, 89.0767 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 73.8886, 78.3814, 89.0767 by changing the saturation by 10% instead.

■ 73.8886, 78.3814,
89.0767

■ 73.8886, 78.3814,
89.0767

463.1451,
489.4611, 545.5152

■ 54.9938, 58.3873,
66.6457

123.7342,
131.0876, 147.9795

■ 39.6306, 42.1201,
48.3370

155.4158,
164.5686, 185.2884

■ 27.4336, 29.1954,
33.7319

192.0903,
203.3140, 228.3938

■ 18.0374, 19.2287,
22.4121

234.1232,
247.7082, 277.7140

■ 11.0767, 11.8356,
13.9588

281.8797,
298.1356, 333.6677

■ 6.1861, 6.6318,
7.9536

335.7253,

■ 3.0003, 3.2329,

354.9807, 396.6735

3.9779

396.0253,
418.6277, 467.1498

■ 1.1539, 1.2545,
1.6132

■ 0.0695, 0.1056,
0.3002

■ 73.8886, 78.3814,
89.0767

■ 73.8886, 78.3814,
89.0767

■ 64.5970, 69.8330,
87.9176

■ 84.3224, 87.7303,
90.3325

■ 56.3981, 62.0498,
86.8474

■ 89.8773, 94.7723,
91.3990

■ 49.2488, 55.0085,
85.8651

■ 91.8515, 98.7206,
92.0570

■ 43.1002, 48.6804,
84.9678

■ 37.8992, 43.0348,
84.1522

■ 33.5875, 38.0381,
83.4149

■ 30.0997, 33.6527,
82.7523

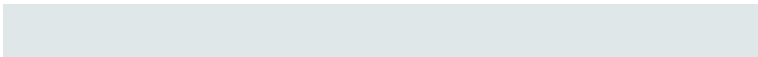
■ 27.3603, 29.8361,
82.1600

■ 25.2773, 26.5370,
81.6330

Harmonies

Analogous

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



73.3327, 78.3814, 87.6748



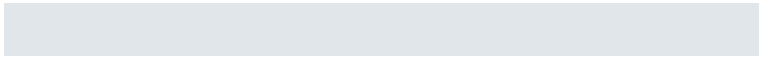
73.8886, 78.3814, 89.0767



74.6114, 78.3814, 89.4721

Triad

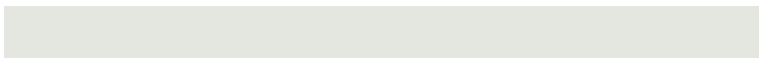
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.8886, 78.3814, 89.0767



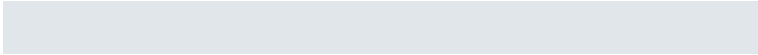
75.9270, 78.3814, 85.0232



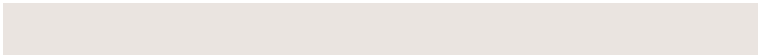
73.6955, 78.3814, 82.0296

Complementary

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



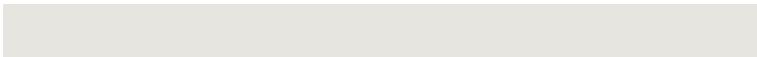
73.8886, 78.3814, 89.0767



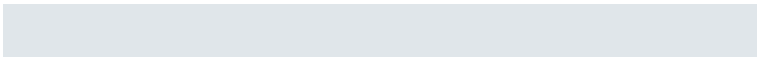
75.1300, 78.3605, 81.6877

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.



74.3870, 78.3814, 81.3449



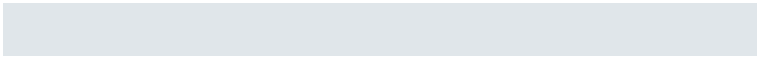
73.8886, 78.3814, 89.0767



75.6779, 78.3814, 83.0549

Square

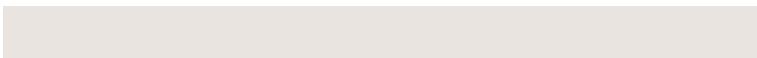
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



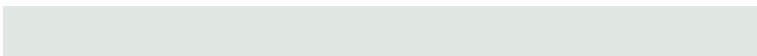
73.8886, 78.3814, 89.0767



75.7914, 78.3814, 87.1095



75.1131, 78.3814, 81.7171



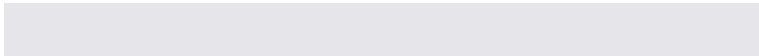
73.2217, 78.3814, 83.6026

Rectangle

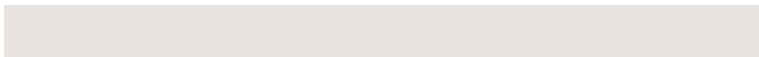
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



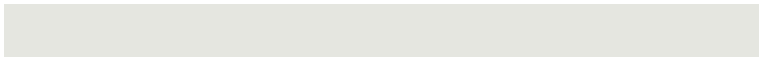
73.8886, 78.3814, 89.0767



75.0914, 78.3814, 89.1064



75.1131, 78.3814, 81.7171



73.9101, 78.3814, 81.6891

Sweetspot

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



73.8908, 78.3847, 89.0784



93.7938, 98.8711, 108.7483



74.1451, 80.2864, 84.8678



20.0890, 21.1744, 23.2782



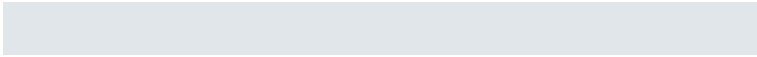
0.0000, 0.0000, 0.0000



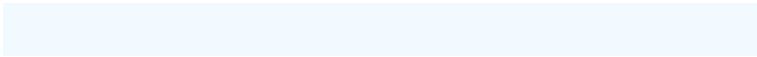
20.3446, 21.4041, 23.3091

Same Dimension

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



73.8908, 78.3847, 89.0784



88.9097, 94.4533, 108.1530



72.5634, 75.7298, 88.6359



15.7640, 16.7681, 19.3280



13.7816, 14.2101, 45.7594



1.1759, 1.3032, 3.6244

Inverse Universe

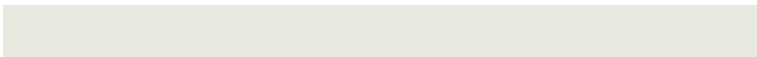
The Inverse Universe completely reimagines the original color for something new.



74.8720, 76.5185, 85.6901



90.3069, 91.8093, 103.3252



76.4792, 81.0591, 82.1375



16.0458, 16.2372, 18.3538



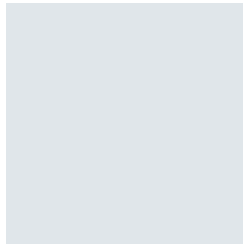
21.8116, 10.9273, 15.3410



1.7600, 0.8770, 1.4536

Previews

White Background



This preview shows how the XYZ color 73.8886, 78.3814, 89.0767 looks on a white background.

Color Contrast Check

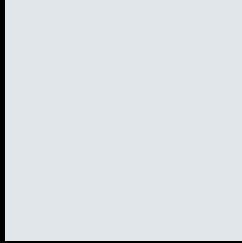
Large Text (above 18pt) WCAG AA × Fail

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 73.8886, 78.3814, 89.0767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

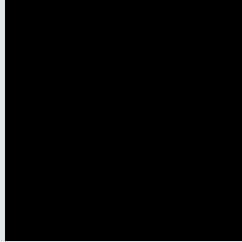
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

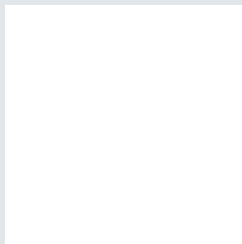
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.8886, 78.3814, 89.0767

Background



This preview shows how black text looks on a background with the XYZ color 73.8886, 78.3814, 89.0767.



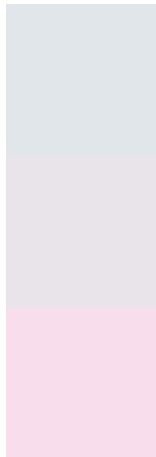
This preview shows how white text looks on a background with the XYZ color 73.8886, 78.3814,

89.0767.

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

73.8886, 78.3814, 89.0767

Protanopia

75.7301, 78.5258, 88.2564

Deuteranopia

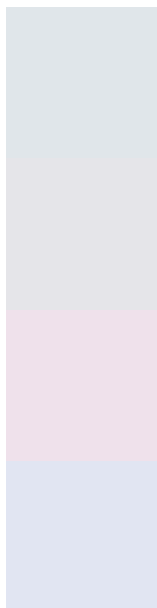
79.9730, 78.2551, 90.2466



Tritanopia

75.7420, 78.3094, 98.3120

Trichromacy



Original Color

73.8886, 78.3814, 89.0767

Protanomaly

75.0404, 78.5798, 88.3032

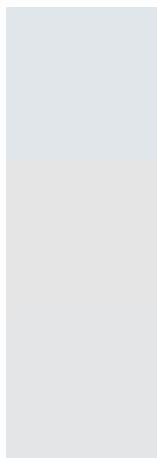
Deuteranomaly

77.5172, 78.1993, 89.6056

Tritanomaly

75.0977, 78.4570, 95.1900

Monochromacy



Original Color

73.8886, 78.3814, 89.0767

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.1217, 78.1390, 86.7770

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.8886, 78.3814, 89.0767 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(224, 230, 234) looks like.

```
.text, #text, p{  
    color:rgb(224, 230, 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(224, 230, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 230, 234) }
```

Border

The CSS property to change the border of an element to XYZ 73.8886, 78.3814, 89.0767 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(224, 230, 234) }
```


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

```
.border{ border-color:rgb(224, 230, 234) }
```

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

Here you see how a box with a 4 pixel rgb(224, 230, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 230, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 230, 234);  
box-shadow:4px 4px 4px 4px rgb(224, 230,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 73.8886, 78.3814, 89.0767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 230, 234) }
```

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

```
.background{ background-color: rgb(224,  
230, 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