

Converting Colors

XYZ(74.8938, 77.6452, 82.2035)

Have a look what the booklet for
XYZ(74.8938, 77.6452, 82.2035)
contains.

XYZ(74.9914, 77.8668, 82.3115)	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(74.9914, 77.8668,
82.3115)**

Conversions

Conversions Part 1

Format	Color
Hex	EAE3E1
RGB	234, 227, 225
RGB Percent	92%, 89%, 88%
CMY	0.0823, 0.1098, 0.1176
CMYK	0.00, 0.03, 0.04, 0.08
HSL	13°, 18%, 90%
HSV	13°, 4%, 92%
XYZ	74.9914, 77.8668, 82.3115
YIQ	228.8650, 4.8140, 0.8620

Conversions

Conversions Part 2

Format	Color
RYB	234, 228, 225
Decimal	15393761
CIELab	90.72, 2.02, 1.81
CIELCh	91, 2.713, 41.741
Yxy	77.8668, 0.3189, 0.3311
Android (android.graphics.Color)	4293583841 (0xFFEAE3E1)
YUV	228.8650, -1.9054, 4.5034
Hunter-Lab	88.2422, -2.7280, 6.4643

Details

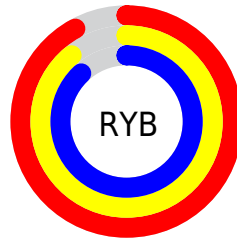
The XYZ color **74.9914, 77.8668, 82.3115** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.7593, 79.6603, 89.2788**, and the grayscale version is **74.3899, 78.2639, 85.2294**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.3683, 41.8723, 43.9847** is the 20% darker color. If you saturate the color by 10%, you get **67.3009, 67.2485, 65.0632**, and if you desaturate by 10%, it is **83.6495, 89.7181, 102.0426**.

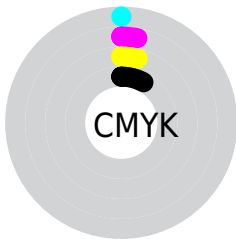
Distribution



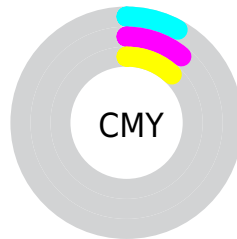
- Red (92%)
- Green (89%)
- Blue (88%)



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



- Cyan (0%)
- Magenta (3%)
- Yellow (4%)
- Black (8%)



- Cyan (8%)
- Magenta (11%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.9914, 77.8668, 82.3115 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 74.9914, 77.8668, 82.3115 by changing the saturation by 10% instead.

■ 74.9914, 77.8668,
82.3115

■ 74.9914, 77.8668,
82.3115

466.8856,
487.7143, 522.5998

■ 55.9000, 57.9646,
61.0850

125.2882,
130.3623, 138.4513

■ 40.3594, 41.7802,
43.8628

157.2242,
163.7244, 174.2018

■ 28.0044, 28.9292,
30.2262

194.1726,
202.3419, 215.6306

■ 18.4694, 19.0273,
19.7569

236.4985,
246.5992, 263.1564

■ 11.3893, 11.6900,
12.0361

284.5674,
296.8807, 317.1977

■ 6.3985, 6.5329,
6.6454

338.7447,

■ 3.1318, 3.1718,

353.5708, 378.1730

3.1663

399.3957,
417.0539, 446.5009

■ 1.2239, 1.2221,
1.1802

■ 0.1251, 0.0796,
0.0000

■ 74.9914, 77.8668,
82.3115

■ 74.9914, 77.8668,
82.3115

■ 67.3009, 67.2485,
65.0632

■ 83.6495, 89.7181,
102.0426

■ 60.5375, 57.8136,
50.1940

■ 87.7422, 96.2327,
108.5580

■ 54.6674, 49.5236,
37.6006

■ 49.6523, 42.3345,
27.1699

■ 45.4510, 36.1993,
18.7792

■ 42.0186, 31.0674,
12.2934

■ 39.3060, 26.8839,
7.5607

■ 37.2574, 23.5886,
4.4062

■ 35.8081, 21.1133,
2.6178

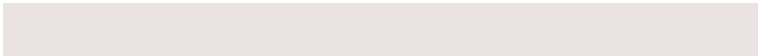
Harmonies

Analogous

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



75.2995, 77.8668, 84.0229



74.9914, 77.8668, 82.3115



74.4211, 77.8668, 81.2721

Triad

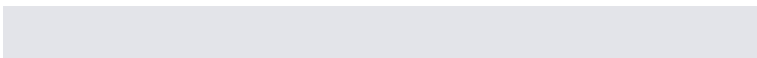
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.9914, 77.8668, 82.3115



72.7735, 77.8668, 83.6142



74.2768, 77.8668, 88.5086

Complementary

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



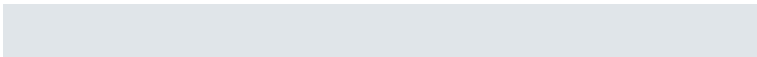
74.9914, 77.8668, 82.3115



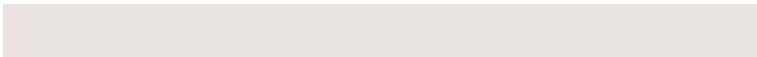
74.7593, 79.6603, 89.2788

Split Complementary

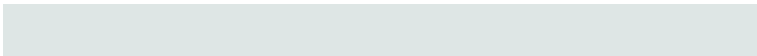
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.6006, 77.8668, 88.3950



74.9914, 77.8668, 82.3115



72.7354, 77.8668, 85.5491

Square

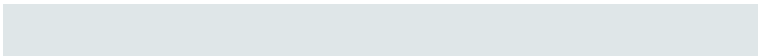
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.9914, 77.8668, 82.3115



73.1417, 77.8668, 82.0162



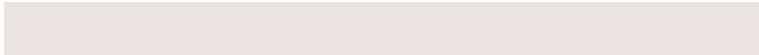
73.0373, 77.8668, 87.3049



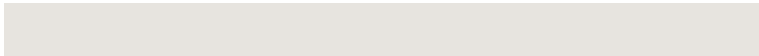
74.8852, 77.8668, 87.6128

Rectangle

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



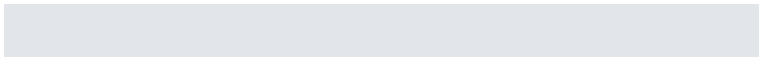
74.9914, 77.8668, 82.3115



73.9703, 77.8668, 81.0904



73.0373, 77.8668, 87.3049



74.0498, 77.8668, 88.5875

Sweetspot

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



74.9936, 77.8702, 82.3132



94.0130, 98.5786, 106.5424



75.4306, 77.1731, 87.3026



20.1336, 21.1149, 22.8293



0.0000, 0.0000, 0.0000



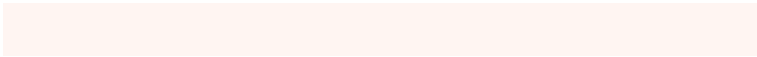
20.3446, 21.4041, 23.3091

Same Dimension

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



74.9936, 77.8702, 82.3132



89.9839, 93.0444, 97.4181



76.2255, 80.3339, 82.7238



15.9806, 16.4849, 17.1664



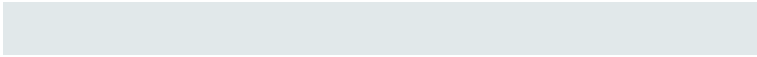
19.8371, 11.3685, 1.1488



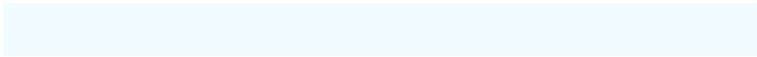
1.6278, 1.0330, 0.1136

Inverse Universe

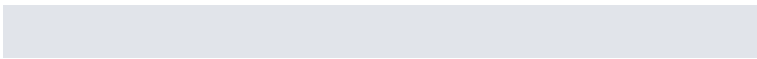
The Inverse Universe completely reimagines the original color for something new.



74.7593, 79.6603, 89.2788



89.6149, 95.8636, 108.3881



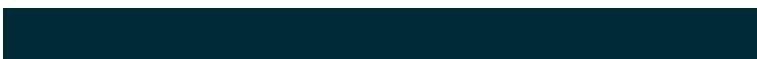
73.5235, 77.1888, 88.8669



15.9063, 17.0526, 19.3754



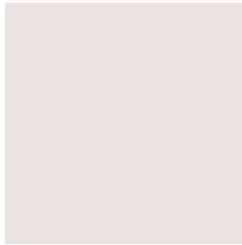
17.8320, 22.3110, 47.1096



1.4701, 1.8917, 3.7225

Previews

White Background



This preview shows how the XYZ color 74.9914, 77.8668, 82.3115 looks on a white background.

Color Contrast Check

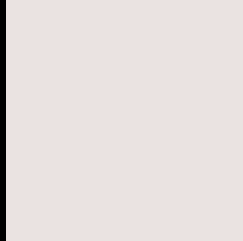
Large Text (above 18pt) WCAG AA × Fail

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 74.9914, 77.8668, 82.3115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

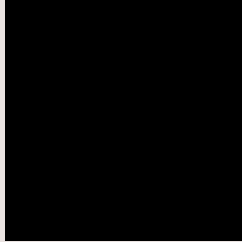
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

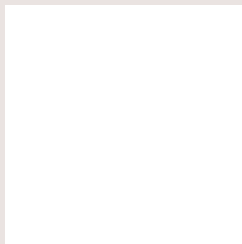
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.9914, 77.8668, 82.3115

Background



This preview shows how black text looks on a background with the XYZ color 74.9914, 77.8668, 82.3115.

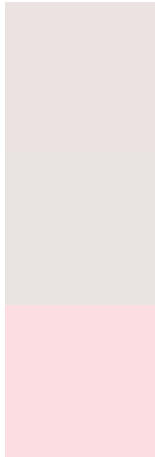


This preview shows how white text looks on a background with the XYZ color 74.9914, 77.8668,

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

74.9914, 77.8668, 82.3115

Protanopia

74.6640, 77.6981, 82.2962

Deuteranopia

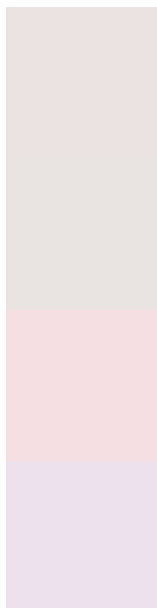
79.3676, 77.7131, 82.7685



Tritanopia

77.6077, 77.7266, 94.9168

Trichromacy



Original Color

74.9914, 77.8668, 82.3115

Protanomaly

74.6640, 77.6981, 82.2962

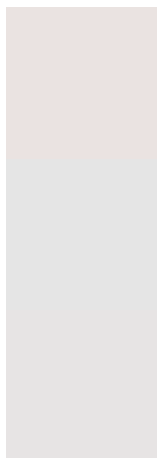
Deuteranomaly

77.7713, 77.6788, 82.8460

Tritanomaly

76.6576, 77.7394, 90.3218

Monochromacy



Original Color

74.9914, 77.8668, 82.3115

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.7020, 78.0772, 84.5320

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.9914, 77.8668, 82.3115 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(234, 227, 225) looks like.

```
.text, #text, p{  
    color:rgb(234, 227, 225)  
}
```

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(234, 227, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 227, 225) }
```

Border

The CSS property to change the border of an element to XYZ 74.9914, 77.8668, 82.3115 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(234, 227, 225) }
```


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

```
.border{ border-color:rgb(234, 227, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 227, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 227, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 227, 225);  
box-shadow:4px 4px 4px 4px rgb(234, 227,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 74.9914, 77.8668, 82.3115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 227, 225) }
```

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

```
.background{ background-color: rgb(234,  
227, 225) }
```

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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