

# Converting Colors

XYZ(74.8231, 77.5518, 82.3168)

Have a look what the booklet for  
XYZ(74.8231, 77.5518, 82.3168)  
contains.

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# **Color**

**XYZ(74.7186, 77.3214,  
82.2206)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EAE2E1
RGB	234, 226, 225
RGB Percent	92%, 89%, 88%
CMY	0.0823, 0.1137, 0.1176
CMYK	0.00, 0.03, 0.04, 0.08
HSL	7°, 18%, 90%
HSV	7°, 4%, 92%
XYZ	74.7186, 77.3214, 82.2206
YIQ	228.2780, 5.0890, 1.3850

# Conversions

## Conversions Part 2

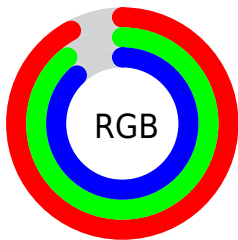
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	234, 226, 225
Decimal	15393505
CIE <sub>Lab</sub>	90.47, 2.54, 1.44
CIE <sub>LCh</sub>	90, 2.921, 29.596
Y <sub>xy</sub>	77.3214, 0.3190, 0.3301
Android (android.graphics.Color)	4293583585 (0xFFEAE2E1)
Y <sub>UV</sub>	228.2780, -1.6161, 5.0182
Hunter-Lab	87.9326, -2.2060, 6.1142

# Details

The XYZ color **74.7186, 77.3214, 82.2206** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.0413, 80.2245, 89.3725**, and the grayscale version is **73.9570, 77.8085, 84.7335**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1787, 41.4931, 43.9215** is the 20% darker color. If you saturate the color by 10%, you get **66.4287, 65.5043, 64.7725**, and if you desaturate by 10%, it is **84.1358, 90.6911, 102.2047**.

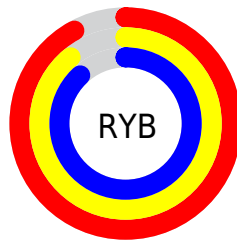
# Distribution



Red (92%)

Green (89%)

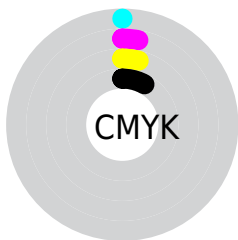
Blue (88%)



Red (92%)

Yellow (89%)

Blue (88%)

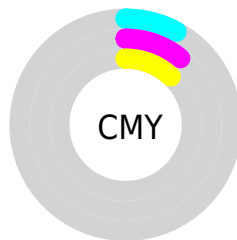


Cyan (0%)

Magenta (3%)

Yellow (4%)

Black (8%)



Cyan (8%)

Magenta (11%)

Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 74.7186, 77.3214, 82.2206 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 74.7186, 77.3214, 82.2206 by changing the saturation by 10% instead.



■ 74.7186, 77.3214,  
82.2206

■ 74.7186, 77.3214,  
82.2206

465.9619,  
485.8591, 522.2881

■ 55.6757, 57.5167,  
61.0105

124.9040,  
129.5931, 138.3228

■ 40.1790, 41.4202,  
43.8030

156.7772,  
162.8288, 174.0519

■ 27.8630, 28.6476,  
30.1796

193.6580,  
201.3104, 215.4579

■ 18.3623, 18.8144,  
19.7218

235.9116,  
245.4222, 262.9591

■ 11.3117, 11.5362,  
12.0109

283.9035,  
295.5485, 316.9742

■ 6.3457, 6.4287,  
6.6285

337.9989,

■ 3.0991, 3.1075,

352.0739, 377.9217

3.1560

398.5633,  
415.3826, 446.2202

■ 1.2064, 1.1881,  
1.1748

■ 0.1114, 0.0520,  
0.0000

■ 74.7186, 77.3214,  
82.2206

■ 74.7186, 77.3214,  
82.2206

■ 66.4287, 65.5043,  
64.7725

■ 84.1358, 90.6911,  
102.2047

■ 59.2175, 55.1738,  
49.7541

■ 87.7420, 96.2326,  
108.5580

■ 53.0425, 46.2740,  
37.0590

■ 47.8558, 38.7417,  
26.5712

■ 43.6057, 32.5090,  
18.1642

■ 40.2359, 27.5020,  
11.6992

■ 37.6837, 23.6397,  
7.0201

■ 35.8784, 20.8307,  
3.9466

■ 34.7364, 18.9700,  
2.2606

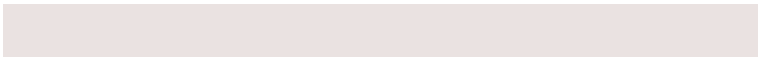
# Harmonies

## Analogous

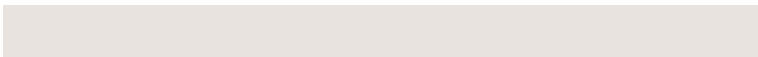
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.9038, 77.3214, 84.2182



74.7186, 77.3214, 82.2206



74.2041, 77.3214, 80.7711

# Triad

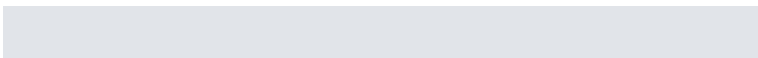
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.7186, 77.3214, 82.2206



72.2880, 77.3214, 82.1723



73.4818, 77.3214, 88.2728

# Complementary

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



74.7186, 77.3214, 82.2206



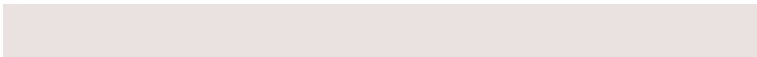
75.0413, 80.2245, 89.3725

# Split Complementary

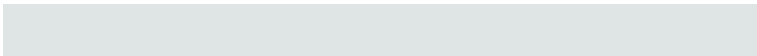
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.7838, 77.3214, 87.7038



74.7186, 77.3214, 82.2206



72.0974, 77.3214, 84.1615

# Square

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



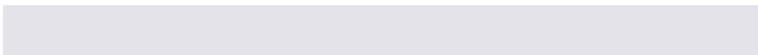
74.7186, 77.3214, 82.2206



72.8008, 77.3214, 80.7435



72.2782, 77.3214, 86.1903



74.1869, 77.3214, 87.7329



# Rectangle

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



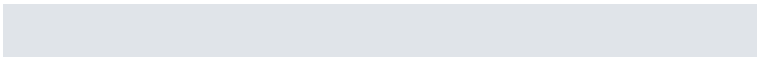
74.7186, 77.3214, 82.2206



73.7454, 77.3214, 80.2987



72.2782, 77.3214, 86.1903



73.2386, 77.3214, 88.2048

# Sweetspot

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



74.7208, 77.3248, 82.2223



93.9236, 98.3999, 106.5126



75.5801, 77.2329, 88.0905



20.1154, 21.0785, 22.8232



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

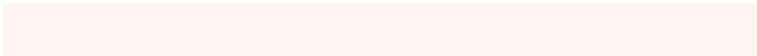


# Same Dimension

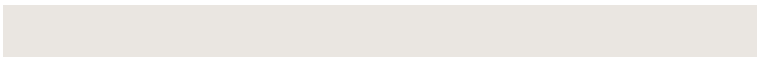
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.7208, 77.3248, 82.2223



89.5568, 92.1903, 97.2758



75.9315, 79.7462, 82.6258



15.8949, 16.3134, 17.1378



19.3215, 10.3372, 0.9769



1.5621, 0.9016, 0.0917

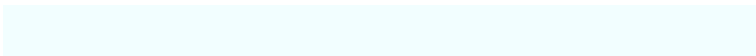


# Inverse Universe

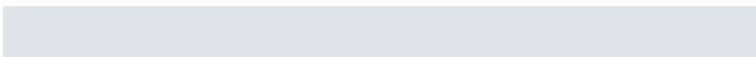
The Inverse Universe completely reimagines the original color for something new.



75.0413, 80.2245, 89.3725



90.0617, 96.7572, 108.5370



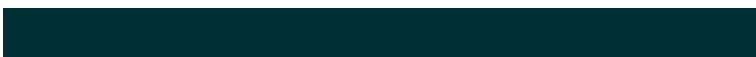
73.8124, 77.7667, 88.9629



15.9965, 17.2330, 19.4055



21.0643, 28.7755, 48.1870

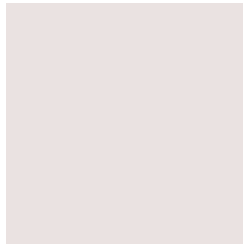


1.6950, 2.3415, 3.7975



# Previews

## White Background



This preview shows how the XYZ color 74.7186, 77.3214, 82.2206 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 74.7186, 77.3214, 82.2206 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

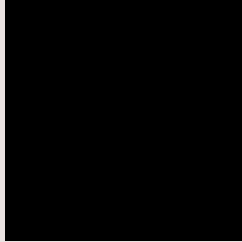
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

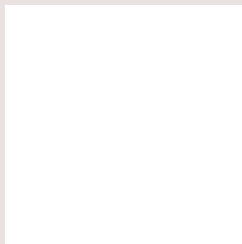
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 74.7186, 77.3214, 82.2206**

## **Background**



This preview shows how black text looks on a background with the XYZ color 74.7186, 77.3214, 82.2206.



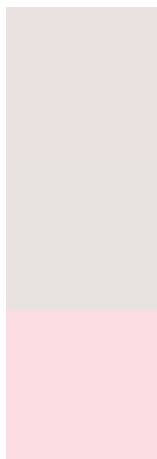
This preview shows how white text looks on a background with the XYZ color 74.7186, 77.3214,



# 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

74.7186, 77.3214, 82.2206

### Protanopia

74.3384, 77.5302, 82.2809

### Deuteranopia

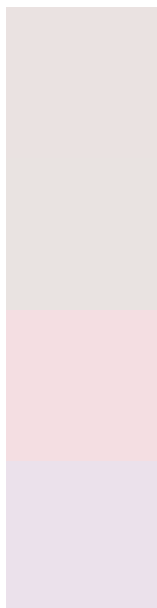
78.7450, 77.0014, 82.6639



## Tritanopia

77.1249, 77.4950, 94.1122

# Trichromacy



## Original Color

74.7186, 77.3214, 82.2206

## Protanomaly

74.6640, 77.6981, 82.2962

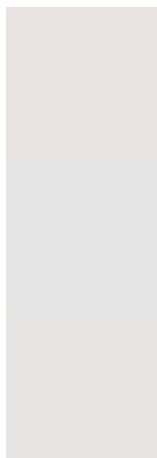
## Deuteranomaly

77.1570, 76.9666, 82.7409

## Tritanomaly

76.1816, 77.5108, 89.5431

# Monochromacy



## Original Color

74.7186, 77.3214, 82.2206

## Achromatopsia

73.7419, 77.5822, 84.4870

## Achromatomaly

73.9673, 77.3072, 83.6963

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 74.7186, 77.3214, 82.2206 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, 226, 225) looks like.

```
.text, #text, p{  
    color:rgb(234, 226, 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, 226, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 226, 225) }
```

## Border

The CSS property to change the border of an element to XYZ 74.7186, 77.3214, 82.2206 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, 226, 225) }
```



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

```
.border{ border-color:rgb(234, 226, 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, 226, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 226, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 226, 225);  
box-shadow:4px 4px 4px 4px rgb(234, 226,  
225) }
```

# Background

The CSS property to change the background color of an element to XYZ 74.7186, 77.3214, 82.2206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 226, 225) }
```

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

```
.background{ background-color: rgb(234,  
226, 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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