

Converting Colors

XYZ(74.9951, 77.4318, 83.6645)

Have a look what the booklet for
XYZ(74.9951, 77.4318, 83.6645)
contains.

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Color

**XYZ(74.9932, 77.4312,
83.6662)**

Conversions

Conversions Part 1

Format	Color
Hex	EAE2E3
RGB	234, 226, 227
RGB Percent	92%, 89%, 89%
CMY	0.0823, 0.1137, 0.1098
CMYK	0.00, 0.03, 0.03, 0.08
HSL	353°, 16%, 90%
HSV	353°, 3%, 92%
XYZ	74.9932, 77.4312, 83.6662
YIQ	228.5060, 4.4470, 2.0070

Conversions

Conversions Part 2

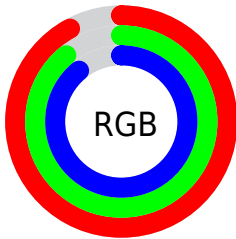
Format	Color
R_{YB}	234, 226, 227
Decimal	15393507
CIE _{Lab}	90.52, 2.89, 0.47
CIE _{LCh}	91, 2.925, 9.212
Yxy	77.4312, 0.3176, 0.3280
Android (android.graphics.Color)	4293583587 (0xFFEAE2E3)
YUV	228.5060, -0.7425, 4.8182
Hunter-Lab	87.9950, -1.8657, 5.2232

Details

The XYZ color **74.9932, 77.4312, 83.6662** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.4978, 80.8996, 88.7309**, and the grayscale version is **74.1183, 77.9782, 84.9182**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.3694, 41.5694, 44.9257** is the 20% darker color. If you saturate the color by 10%, you get **66.3985, 64.4998, 67.6720**, and if you desaturate by 10%, it is **84.7971, 92.2406, 101.7250**.

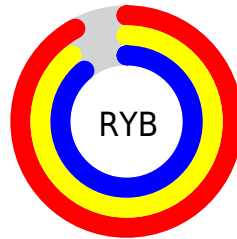
Distribution



Red (92%)

Green (89%)

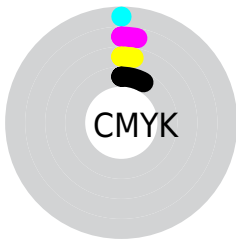
Blue (89%)



Red (92%)

Yellow (89%)

Blue (89%)

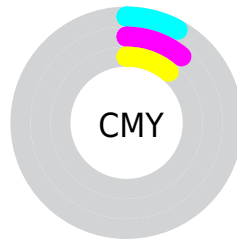


Cyan (0%)

Magenta (3%)

Yellow (3%)

Black (8%)



Cyan (8%)

Magenta (11%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.9932, 77.4312, 83.6662 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 74.9932, 77.4312, 83.6662 by changing the saturation by 10% instead.

■ 74.9932, 77.4312,
83.6662

■ 74.9932, 77.4312,
83.6662

466.8917,
486.2330, 527.2332

■ 55.9015, 57.6068,
62.1961

125.2907,
129.7480, 140.3657

■ 40.3606, 41.4927,
44.7543

157.2272,
163.0092, 176.4322

■ 28.0053, 28.7042,
30.9224

194.1760,
201.5182, 218.2012

■ 18.4701, 18.8572,
20.2818

236.5024,
245.6593, 266.0913

■ 11.3898, 11.5671,
12.4140

284.5718,
295.8169, 320.5210

■ 6.3989, 6.4497,
6.9003

338.7496,

■ 3.1320, 3.1204,

352.3755, 381.9088

3.3223

399.4011,
415.7194, 450.6734

■ 1.2240, 1.1949,
1.2615

■ 0.1252, 0.0575,
0.0299

■ 74.9932, 77.4312,
83.6662

■ 74.9932, 77.4312,
83.6662

■ 66.3985, 64.4998,
67.6720

■ 84.7971, 92.2406,
101.7250

■ 58.9597, 53.3617,
53.6640

■ 87.7422, 96.2327,
108.5580

■ 52.6293, 43.9408,
41.5659

■ 47.3540, 36.1515,
31.2946

■ 43.0759, 29.9008,
22.7612

■ 39.7317, 25.0866,
15.8688

■ 37.2507, 21.5941,
10.5113

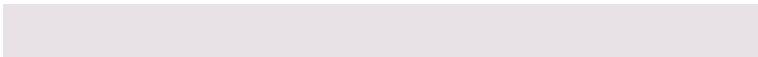
■ 35.5518, 19.2911,
6.5699

■ 34.5381, 18.0176,
3.9079

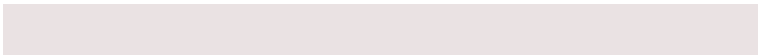
Harmonies

Analogous

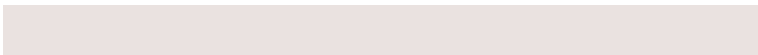
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.9189, 77.4312, 85.7472



74.9932, 77.4312, 83.6662



74.6912, 77.4312, 81.7883

Triad

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



74.9932, 77.4312, 83.6662



72.7104, 77.4312, 81.2266



73.0980, 77.4312, 88.1318

Complementary

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



74.9932, 77.4312, 83.6662



75.4978, 80.8996, 88.7309

Split Complementary

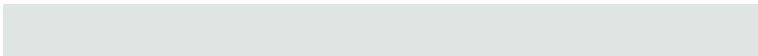
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.5116, 77.4312, 86.8818



74.9932, 77.4312, 83.6662



72.2889, 77.4312, 82.8878

Square

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



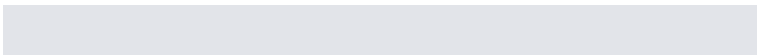
74.9932, 77.4312, 83.6662



73.3711, 77.4312, 80.3953



72.2163, 77.4312, 84.9559



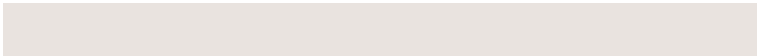
73.8214, 77.4312, 88.3486

Rectangle

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



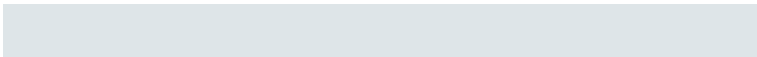
74.9932, 77.4312, 83.6662



74.3184, 77.4312, 80.8960



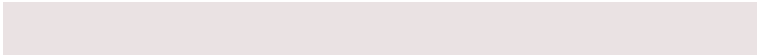
72.2163, 77.4312, 84.9559



72.8784, 77.4312, 87.8175

Sweetspot

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



74.9954, 77.4346, 83.6679



93.8845, 98.2408, 106.7487



75.6325, 77.6491, 88.8445



20.1074, 21.0461, 22.8713



0.0000, 0.0000, 0.0000



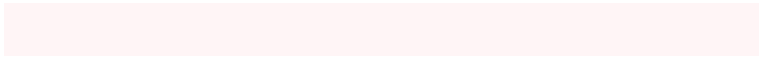
20.3446, 21.4041, 23.3091

Same Dimension

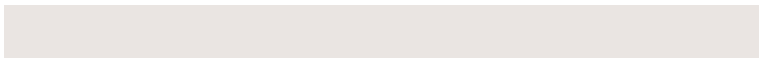
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.9954, 77.4346, 83.6679



90.4773, 93.1020, 100.4474



75.6624, 78.9880, 83.2139



16.0424, 16.4403, 17.7054



19.2180, 9.8899, 1.6833



1.5338, 0.7865, 0.2625

Inverse Universe

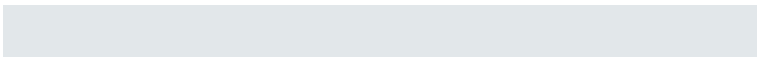
The Inverse Universe completely reimagines the original color for something new.



74.9954, 77.4346, 83.6679



90.4773, 93.1020, 100.4474



74.8127, 79.3011, 89.2066



16.0424, 16.4403, 17.7054



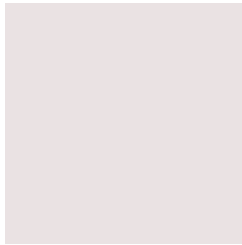
19.2180, 9.8899, 1.6833



1.5338, 0.7865, 0.2625

Previews

White Background



This preview shows how the XYZ color 74.9932, 77.4312, 83.6662 looks on a white background.

Color Contrast Check

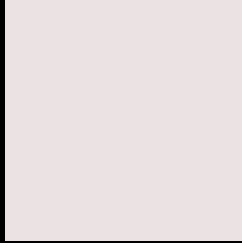
Large Text (above 18pt) WCAG AA × Fail

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 74.9932, 77.4312, 83.6662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

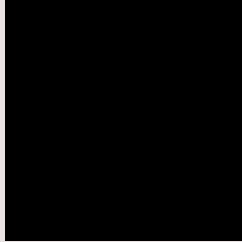
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

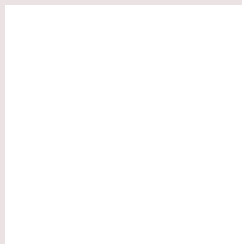
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.9932, 77.4312, 83.6662

Background



This preview shows how black text looks on a background with the XYZ color 74.9932, 77.4312, 83.6662.

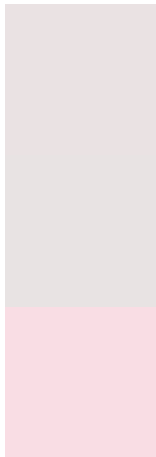


This preview shows how white text looks on a background with the XYZ color 74.9932, 77.4312,

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

74.9932, 77.4312, 83.6662

Protanopia

74.6129, 77.6400, 83.7265

Deuteranopia

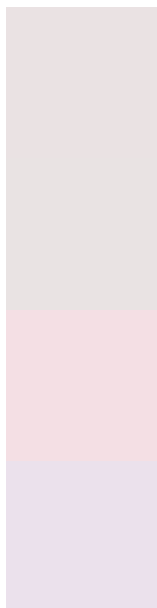
78.9270, 77.4541, 84.1890



Tritanopia

77.1249, 77.4950, 94.1122

Trichromacy



Original Color

74.9932, 77.4312, 83.6662

Protanomaly

74.9385, 77.8079, 83.7418

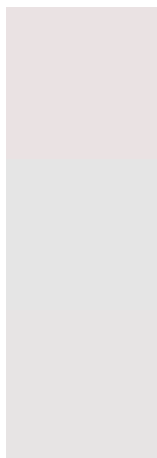
Deuteranomaly

77.6995, 77.6099, 84.2838

Tritanomaly

76.3265, 77.5687, 90.3063

Monochromacy



Original Color

74.9932, 77.4312, 83.6662

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 74.9932, 77.4312, 83.6662 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, 227) looks like.

```
.text, #text, p{  
    color:rgb(234, 226, 227)  
}
```

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, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 226, 227) }
```

Border

The CSS property to change the border of an element to XYZ 74.9932, 77.4312, 83.6662 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, 227) }
```


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

```
.border{ border-color:rgb(234, 226, 227) }
```

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, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 226, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 226, 227);  
box-shadow:4px 4px 4px 4px rgb(234, 226,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 74.9932, 77.4312, 83.6662 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, 227) }
```

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

```
.background{ background-color: rgb(234,  
226, 227) }
```

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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