

Converting Colors

XYZ(74.3708, 77.1996, 84.5668)

Have a look what the booklet for
XYZ(74.3708, 77.1996, 84.5668)
contains.

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Color

**XYZ(74.1549, 76.9831,
84.3496)**

Conversions

Conversions Part 1

Format	Color
Hex	E7E2E4
RGB	231, 226, 228
RGB Percent	91%, 89%, 89%
CMY	0.0941, 0.1137, 0.1059
CMYK	0.00, 0.02, 0.01, 0.09
HSL	336°, 9%, 90%
HSV	336°, 2%, 91%
XYZ	74.1549, 76.9831, 84.3496
YIQ	227.7230, 2.3380, 1.6820

Conversions

Conversions Part 2

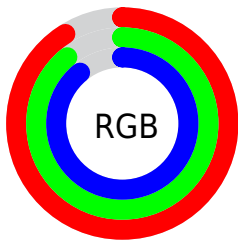
Format	Color
R _Y B	231, 226, 228
Decimal	15196900
CIE Lab	90.31, 2.05, -0.38
CIE LCh	90, 2.082, 349.370
Yxy	76.9831, 0.3149, 0.3269
Android (android.graphics.Color)	4293386980 (0xFFE7E2E4)
YUV	227.7230, 0.1366, 2.8739
Hunter-Lab	87.7400, -2.6828, 4.4191

Details

The XYZ color **74.1549, 76.9831, 84.3496** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.0857, 78.9796, 85.4725**, and the grayscale version is **73.5401, 77.3699, 84.2559**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.7849, 41.2569, 45.4017** is the 20% darker color. If you saturate the color by 10%, you get **66.4433, 64.5181, 72.6572**, and if you desaturate by 10%, it is **82.8716, 91.2090, 97.1412**.

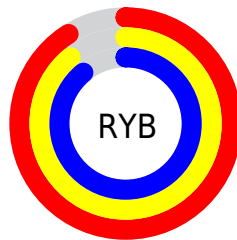
Distribution



Red (91%)

Green (89%)

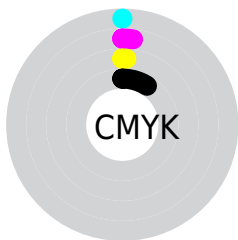
Blue (89%)



Red (91%)

Yellow (89%)

Blue (89%)

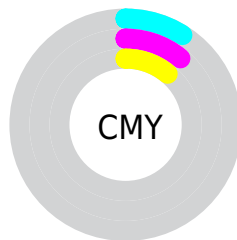


Cyan (0%)

Magenta (2%)

Yellow (1%)

Black (9%)



Cyan (9%)

Magenta (11%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.1549, 76.9831, 84.3496 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 74.1549, 76.9831, 84.3496 by changing the saturation by 10% instead.

■ 74.1549, 76.9831,
84.3496

■ 74.1549, 76.9831,
84.3496

464.0499,
484.7064, 529.5618

■ 55.2126, 57.2390,
62.7571

124.1097,
129.1156, 141.3302

■ 39.8064, 41.1972,
45.2050

155.8528,
162.2728, 177.5553

■ 27.5712, 28.4732,
31.2748

192.5936,
200.6699, 219.4951

■ 18.1415, 18.6827,
20.5480

234.6975,
244.6912, 267.5679

■ 11.1519, 11.4412,
12.6060

282.5296,
294.7211, 322.1925

■ 6.2372, 6.3644,
7.0303

336.4555,

■ 3.0318, 3.0679,

351.1440, 383.7873

3.4023

396.8405,
414.3443, 452.7709

■ 1.1706, 1.1673,
1.3035

■ 0.0830, 0.0347,
0.0647

■ 74.1549, 76.9831,
84.3496

■ 74.1549, 76.9831,
84.3496

■ 66.4433, 64.5181,
72.6572

■ 82.8716, 91.2090,
97.1412

■ 59.6931, 53.7354,
62.0287

■ 86.7654, 95.7291,
108.5123

■ 53.8669, 44.5652,
52.4343

■ 48.9223, 36.9289,
43.8406

■ 44.8134, 30.7413,
36.2124

■ 41.4901, 25.9087,
29.5119

■ 38.8964, 22.3265,
23.6986

■ 36.9684, 19.8744,
18.7280

■ 35.6298, 18.4077,
14.5503

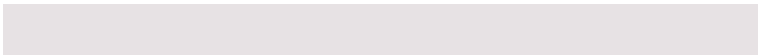
Harmonies

Analogous

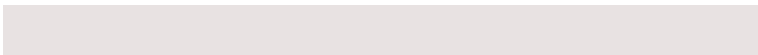
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.9298, 76.9831, 85.6956



74.1549, 76.9831, 84.3496



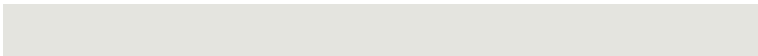
74.1152, 76.9831, 82.8776

Triad

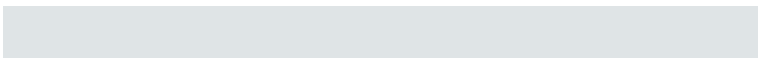
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.1549, 76.9831, 84.3496



72.8398, 76.9831, 81.1552



72.5225, 76.9831, 86.0084

Complementary

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



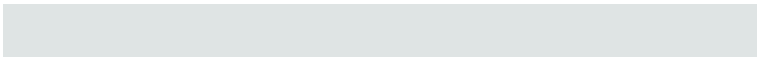
74.1549, 76.9831, 84.3496



74.0857, 78.9796, 85.4725

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.



72.2331, 76.9831, 84.7726



74.1549, 76.9831, 84.3496



72.4157, 76.9831, 81.9750

Square

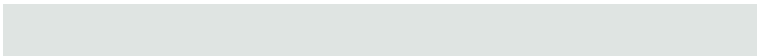
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



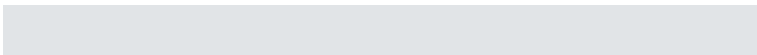
74.1549, 76.9831, 84.3496



73.3543, 76.9831, 81.0450



72.1941, 76.9831, 83.2956



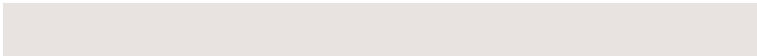
72.9863, 76.9831, 86.6607

Rectangle

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



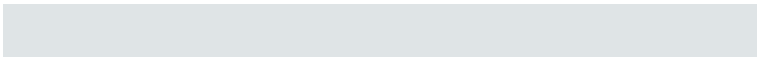
74.1549, 76.9831, 84.3496



73.9440, 76.9831, 82.0224



72.1941, 76.9831, 83.2956



72.4017, 76.9831, 85.6467

Sweetspot

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



74.1571, 76.9864, 84.3513



93.9963, 98.2856, 107.3374



73.9359, 76.8239, 86.5339



20.1302, 21.0552, 22.9911



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

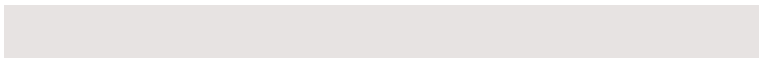
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.1571, 76.9864, 84.3513



91.9270, 94.9235, 104.2540



74.0176, 77.1483, 82.9455



15.5549, 15.9840, 17.5928



19.6226, 9.9832, 6.9074



1.4949, 0.7557, 0.7466

Inverse Universe

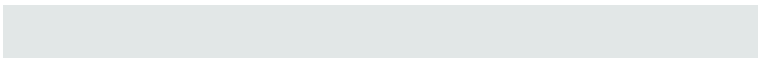
The Inverse Universe completely reimagines the original color for something new.



74.1571, 76.9864, 84.3513



91.9270, 94.9235, 104.2540



74.2264, 78.8125, 86.9024



15.5549, 15.9840, 17.5928



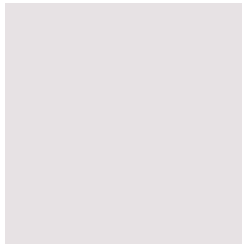
19.6226, 9.9832, 6.9074



1.4949, 0.7557, 0.7466

Previews

White Background



This preview shows how the XYZ color 74.1549, 76.9831, 84.3496 looks on a white background.

Color Contrast Check

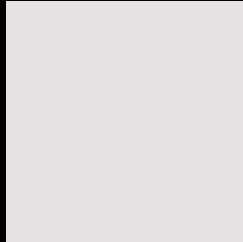
Large Text (above 18pt) WCAG AA × Fail

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 74.1549, 76.9831, 84.3496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

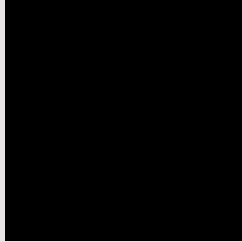
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

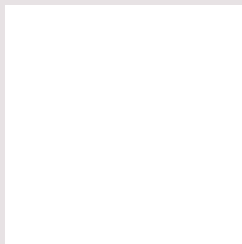
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.1549, 76.9831, 84.3496

Background



This preview shows how black text looks on a background with the XYZ color 74.1549, 76.9831, 84.3496.



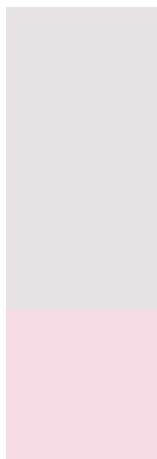
This preview shows how white text looks on a background with the XYZ color 74.1549, 76.9831,

84.3496.

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

74.1549, 76.9831, 84.3496

Protanopia

74.1549, 76.9831, 84.3496

Deuteranopia

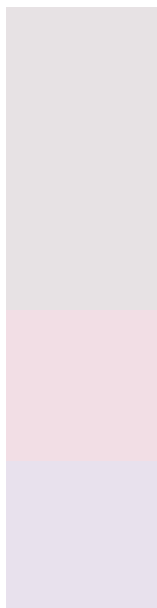
78.4475, 76.8000, 84.8180



Tritanopia

76.2869, 77.0458, 94.8550

Trichromacy



Original Color

74.1549, 76.9831, 84.3496

Protanomaly

74.1549, 76.9831, 84.3496

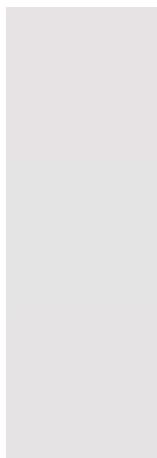
Deuteranomaly

76.8821, 76.7769, 84.8961

Tritanomaly

75.4900, 77.1207, 91.0278

Monochromacy



Original Color

74.1549, 76.9831, 84.3496

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.7858, 77.1976, 84.4105

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.1549, 76.9831, 84.3496 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(231, 226, 228) looks like.

```
.text, #text, p{  
    color:rgb(231, 226, 228)  
}
```

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(231, 226, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 226, 228) }
```

Border

The CSS property to change the border of an element to XYZ 74.1549, 76.9831, 84.3496 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(231, 226, 228) }
```


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

```
.border{ border-color:rgb(231, 226, 228) }
```

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

Here you see how a box with a 4 pixel rgb(231, 226, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 226, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 226, 228);  
box-shadow:4px 4px 4px 4px rgb(231, 226,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 74.1549, 76.9831, 84.3496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 226, 228) }
```

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

```
.background{ background-color: rgb(231,  
226, 228) }
```

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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