

Converting Colors

XYZ(74.0120, 76.4378, 79.9409)

Have a look what the booklet for
XYZ(74.0120, 76.4378, 79.9409)
contains.

XYZ(74.0417, 76.6168, 79.9933)	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(74.0417, 76.6168,
79.9933)**

Conversions

Conversions Part 1

Format	Color
Hex	EAE1DE
RGB	234, 225, 222
RGB Percent	92%, 88%, 87%
CMY	0.0823, 0.1176, 0.1294
CMYK	0.00, 0.04, 0.05, 0.08
HSL	15°, 22%, 89%
HSV	15°, 5%, 92%
XYZ	74.0417, 76.6168, 79.9933
YIQ	227.3490, 6.3270, 0.9750

Conversions

Conversions Part 2

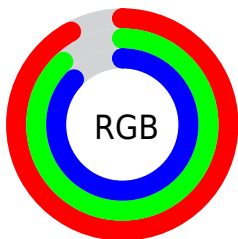
Format	Color
RYB	234, 226, 222
Decimal	15393246
CIELab	90.14, 2.54, 2.54
CIElCh	90, 3.594, 45.029
Yxy	76.6168, 0.3210, 0.3322
Android (android.graphics.Color)	4293583326 (0xFFEAE1DE)
YUV	227.3490, -2.6371, 5.8329
Hunter-Lab	87.5310, -2.1878, 7.0875

Details

The XYZ color **74.0417, 76.6168, 79.9933** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.5512, 78.6206, 89.1415**, and the grayscale version is **73.2849, 77.1014, 83.9634**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.7099, 41.0044, 42.3809** is the 20% darker color. If you saturate the color by 10%, you get **66.6200, 66.4484, 63.1051**, and if you desaturate by 10%, it is **82.3903, 87.9404, 99.3398**.

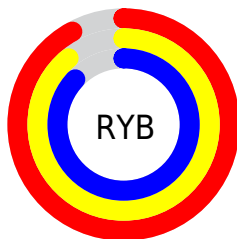
Distribution



Red (92%)

Green (88%)

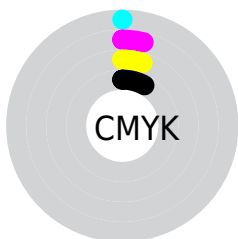
Blue (87%)



Red (92%)

Yellow (89%)

Blue (87%)

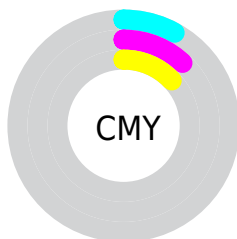


Cyan (0%)

Magenta (4%)

Yellow (5%)

Black (8%)



Cyan (8%)

Magenta (12%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.0417, 76.6168, 79.9933 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 74.0417, 76.6168, 79.9933 by changing the saturation by 10% instead.

74.0417, 76.6168,
79.9933

74.0417, 76.6168,
79.9933

463.6654,
483.4565, 514.6164

55.1196, 56.9384,
59.1867

123.9501,
128.5984, 135.1676

39.7317, 40.9558,
42.3424

155.6671,
161.6704, 170.3724

27.5127, 28.2846,
29.0419

192.3797,
199.9758, 211.2137

18.0972, 18.5403,
18.8667

234.4534,
243.8989, 258.1101

11.1199, 11.3386,
11.3982

282.2534,
293.8241, 311.4799

6.2154, 6.2950,
6.2178

336.1452,

3.0184, 3.0253,

350.1359, 371.7419

2.9070

396.4941,
413.2185, 439.3146

■ 1.1635, 1.1450,
1.0474

■ 0.0773, 0.0160,
0.0000

■ 74.0417, 76.6168,
79.9933

■ 74.0417, 76.6168,
79.9933

■ 66.6200, 66.4484,
63.1051

■ 82.3903, 87.9404,
99.3398

■ 60.0863, 57.3888,
48.5714

■ 87.7421, 96.2326,
108.5580

■ 54.4083, 49.4031,
36.2886

■ 49.5493, 42.4506,
26.1430

■ 45.4698, 36.4883,
18.0113

■ 42.1269, 31.4697,
11.7572

■ 39.4732, 27.3448,
7.2274

■ 37.4551, 24.0581,
4.2442

■ 36.0097, 21.5474,
2.5900

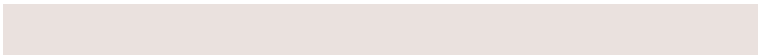
Harmonies

Analogous

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



74.4922, 76.6168, 82.1545



74.0417, 76.6168, 79.9933



73.2662, 76.6168, 78.7637

Triad

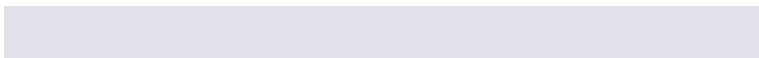
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.0417, 76.6168, 79.9933



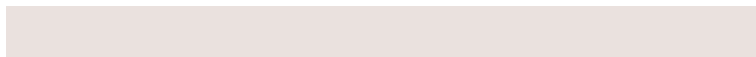
71.1765, 76.6168, 82.1594



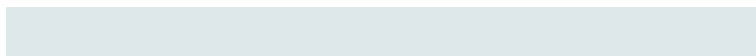
73.2679, 76.6168, 88.2605

Complementary

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



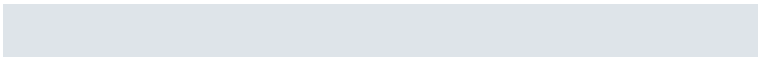
74.0417, 76.6168, 79.9933



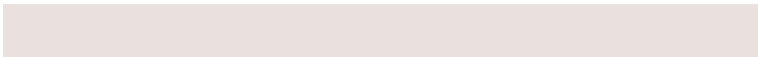
73.5512, 78.6206, 89.1415

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.



72.3795, 76.6168, 88.2619



74.0417, 76.6168, 79.9933



71.1769, 76.6168, 84.7038

Square

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



74.0417, 76.6168, 79.9933



71.6145, 76.6168, 79.9968



71.6157, 76.6168, 86.9487



74.0430, 76.6168, 86.9450

Rectangle

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



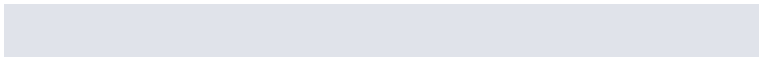
74.0417, 76.6168, 79.9933



72.6716, 76.6168, 78.6214



71.6157, 76.6168, 86.9487



72.9725, 76.6168, 88.4155

Sweetspot

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



74.0438, 76.6201, 79.9950



93.0321, 97.2607, 104.2302



74.4777, 75.5056, 86.2509



19.9339, 20.8466, 22.3585



0.0000, 0.0000, 0.0000



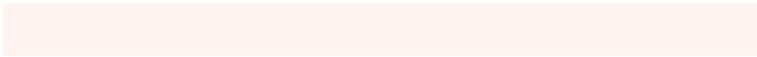
20.3446, 21.4041, 23.3091

Same Dimension

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



74.0438, 76.6201, 79.9950



89.1332, 91.9526, 95.2554



75.6934, 79.9192, 80.5448



15.8418, 16.3092, 16.8062



20.0187, 11.7316, 1.2093



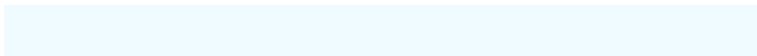
1.6465, 1.0702, 0.1198

Inverse Universe

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



73.5512, 78.6206, 89.1415



88.4336, 94.7932, 108.2437



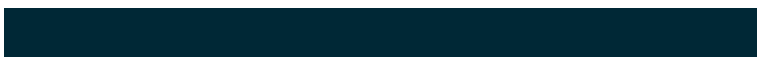
71.9017, 75.3216, 88.5917



15.7048, 16.8656, 19.3499



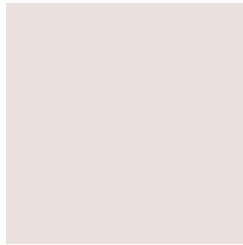
17.1109, 20.8689, 46.8692



1.4190, 1.7894, 3.7055

Previews

White Background



This preview shows how the XYZ color 74.0417, 76.6168, 79.9933 looks on a white background.

Color Contrast Check

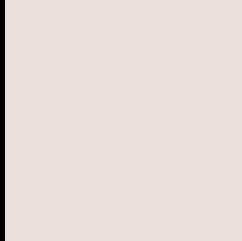
Large Text (above 18pt) WCAG AA × Fail

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 74.0417, 76.6168, 79.9933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

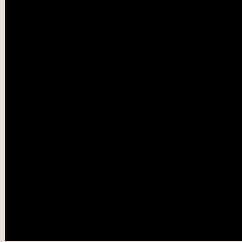
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

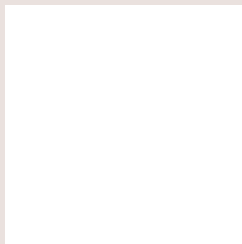
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.0417, 76.6168, 79.9933

Background



This preview shows how black text looks on a background with the XYZ color 74.0417, 76.6168, 79.9933.



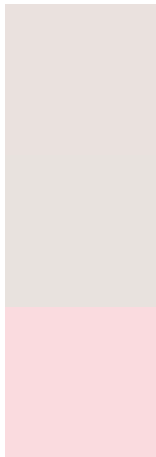
This preview shows how white text looks on a background with the XYZ color 74.0417, 76.6168,

79.9933.

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

74.0417, 76.6168, 79.9933

Protanopia

73.6599, 76.8224, 80.0532

Deuteranopia

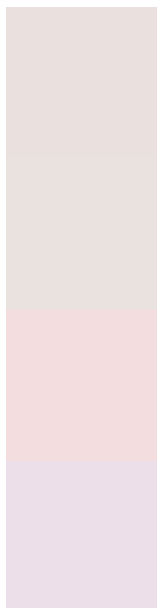
78.0751, 76.3147, 80.4273



Tritanopia

76.7745, 76.5383, 93.1650

Trichromacy



Original Color

74.0417, 76.6168, 79.9933

Protanomaly

73.9854, 76.9903, 80.0684

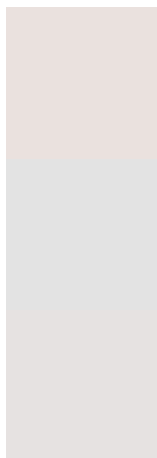
Deuteranomaly

76.4840, 76.2737, 80.5032

Tritanomaly

75.6877, 76.4914, 87.8659

Monochromacy



Original Color

74.0417, 76.6168, 79.9933

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.4201, 76.6519, 82.1598

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.0417, 76.6168, 79.9933 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, 225, 222) looks like.

```
.text, #text, p{  
    color:rgb(234, 225, 222)  
}
```

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, 225, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 225, 222) }
```

Border

The CSS property to change the border of an element to XYZ 74.0417, 76.6168, 79.9933 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, 225, 222) }
```


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

```
.border{ border-color:rgb(234, 225, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 225, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 225, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 225, 222);  
box-shadow:4px 4px 4px 4px rgb(234, 225,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 74.0417, 76.6168, 79.9933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 225, 222) }
```

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

```
.background{ background-color: rgb(234,  
225, 222) }
```

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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