

Converting Colors

XYZ(74.2311, 76.7997, 76.7764)

Have a look what the booklet for
XYZ(74.2311, 76.7997, 76.7764)
contains.

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Color

**XYZ(74.0417, 76.6930,
76.5465)**

Conversions

Conversions Part 1

Format	Color
Hex	ECE1D9
RGB	236, 225, 217
RGB Percent	93%, 88%, 85%
CMY	0.0745, 0.1176, 0.1490
CMYK	0.00, 0.05, 0.08, 0.07
HSL	25°, 33%, 89%
HSV	25°, 8%, 93%
XYZ	74.0417, 76.6930, 76.5465
YIQ	227.3770, 9.1240, -0.1560

Conversions

Conversions Part 2

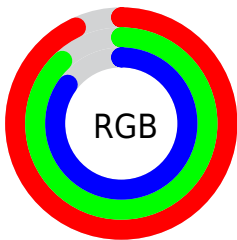
Format	Color
R _Y B	236, 231, 217
Decimal	15524313
CIE Lab	90.18, 2.39, 5.23
CIE LCh	90, 5.753, 65.468
Yxy	76.6930, 0.3258, 0.3374
Android (android.graphics.Color)	4293714393 (0xFFECE1D9)
YUV	227.3770, -5.1159, 7.5624
Hunter-Lab	87.5745, -2.3389, 9.4784

Details

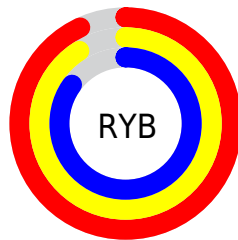
The XYZ color **74.0417, 76.6930, 76.5465** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.4990, 76.2936, 90.3156**, and the grayscale version is **73.3213, 77.1397, 84.0051**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.7187, 41.0614, 40.0147** is the 20% darker color. If you saturate the color by 10%, you get **67.6437, 68.4626, 60.3367**, and if you desaturate by 10%, it is **81.1784, 85.6965, 95.1701**.

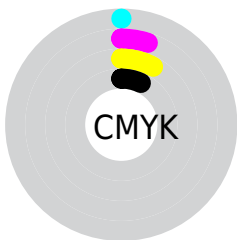
Distribution



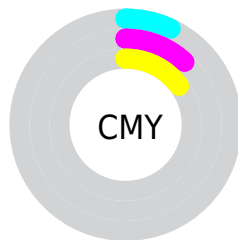
- Red (93%)
- Green (88%)
- Blue (85%)



- Red (93%)
- Yellow (91%)
- Blue (85%)



- Cyan (0%)
- Magenta (5%)
- Yellow (8%)
- Black (7%)



- Cyan (7%)
- Magenta (12%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.0417, 76.6930, 76.5465 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, 76.6930, 76.5465 by changing the saturation by 10% instead.

74.0417, 76.6930,
76.5465

74.0417, 76.6930,
76.5465

463.6654,
483.7167, 502.6130

55.1196, 57.0009,
56.3714

123.9501,
128.7060, 130.2663

39.7317, 41.0060,
40.0948

155.6671,
161.7958, 164.6480

27.5127, 28.3238,
27.2981

192.3797,
200.1202, 204.6025

18.0972, 18.5699,
17.5628

234.4534,
244.0638, 250.5480

11.1199, 11.3599,
10.4704

282.2534,
294.0108, 302.9033

6.2154, 6.3094,
5.6023

336.1452,

3.0184, 3.0341,

350.3457, 362.0869

2.5399

396.4941,
413.4528, 428.5173

■ 1.1635, 1.1496,
0.8612

■ 0.0773, 0.0199,
0.0000

■ 74.0417, 76.6930,
76.5465

■ 74.0417, 76.6930,
76.5465

■ 67.6437, 68.4626,
60.3367

■ 81.1784, 85.6965,
95.1701

■ 61.9525, 60.9740,
46.4357

■ 87.5542, 94.8764,
108.3061

■ 56.9434, 54.2084,
34.7383

■ 88.4025, 96.5731,
108.5889

■ 52.5874, 48.1425,
25.1290

■ 48.8534, 42.7513,
17.4816

■ 45.7071, 38.0083,
11.6561

■ 43.1106, 33.8847,
7.4936

■ 41.0199, 30.3487,
4.8071

■ 39.3771, 27.3619,
3.3381

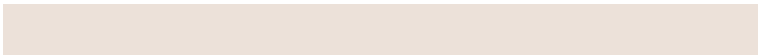
Harmonies

Analogous

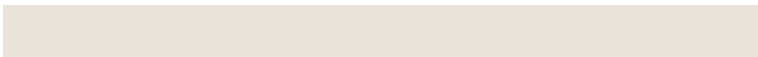
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.1562, 76.6930, 79.0204



74.0417, 76.6930, 76.5465



72.6328, 76.6930, 75.9115

Triad

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



74.0417, 76.6930, 76.5465



70.1921, 76.6930, 84.2581



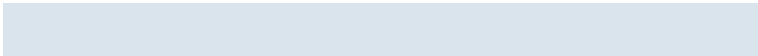
74.5011, 76.6930, 90.0829

Complementary

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



74.0417, 76.6930, 76.5465



71.4990, 76.2936, 90.3156

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.



73.1567, 76.6930, 91.5901



74.0417, 76.6930, 76.5465



70.6784, 76.6930, 88.1575

Square

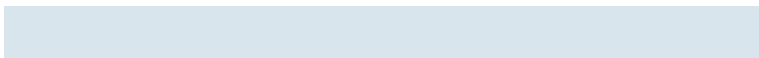
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.0417, 76.6930, 76.5465



70.4221, 76.6930, 80.2794



71.7590, 76.6930, 90.8743



75.4238, 76.6930, 86.8172

Rectangle

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



74.0417, 76.6930, 76.5465



71.7187, 76.6930, 76.5978



71.7590, 76.6930, 90.8743



74.0828, 76.6930, 90.8168

Sweetspot

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



74.0438, 76.6964, 76.5481



93.3053, 97.8071, 104.3212



73.4212, 73.0658, 83.6939



19.9895, 20.9578, 22.3770



0.0000, 0.0000, 0.0000



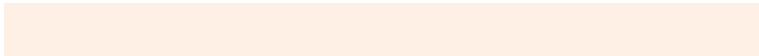
20.3446, 21.4041, 23.3091

Same Dimension

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



74.0438, 76.6964, 76.5481



86.6842, 89.4080, 87.1840



76.6591, 81.9269, 77.4199



15.5870, 16.0969, 15.8042



21.6708, 15.0359, 1.7600



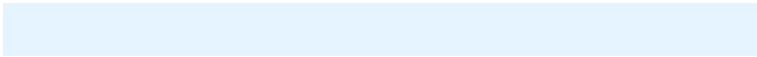
1.7950, 1.3673, 0.1693

Inverse Universe

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



71.4990, 76.2936, 90.3156



82.9512, 88.8170, 107.3791



68.9797, 71.2549, 89.4759



14.9553, 15.9969, 19.2217



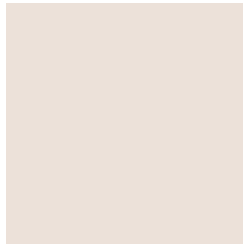
13.3749, 13.3967, 45.6239



1.1451, 1.2417, 3.6142

Previews

White Background



This preview shows how the XYZ color 74.0417, 76.6930, 76.5465 looks on a white background.

Color Contrast Check

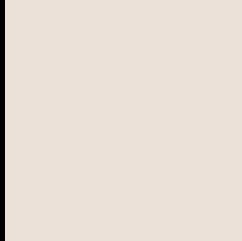
Large Text (above 18pt) WCAG AA × Fail

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, 76.6930, 76.5465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

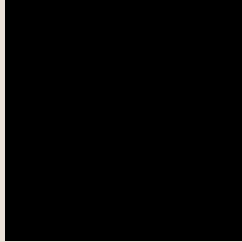
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

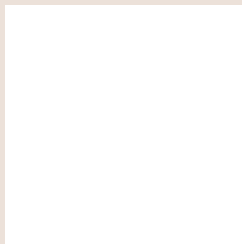
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.0417, 76.6930, 76.5465

Background



This preview shows how black text looks on a background with the XYZ color 74.0417, 76.6930, 76.5465.

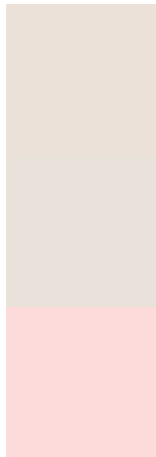


This preview shows how white text looks on a background with the XYZ color 74.0417, 76.6930,

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, 76.6930, 76.5465

Protanopia

73.4555, 76.7783, 77.2778

Deuteranopia

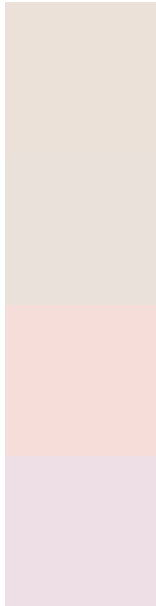
78.1313, 76.4204, 76.9623



Tritanopia

77.2979, 76.8253, 92.4161

Trichromacy



Original Color

74.0417, 76.6930, 76.5465

Protanomaly

73.7829, 76.9471, 77.2932

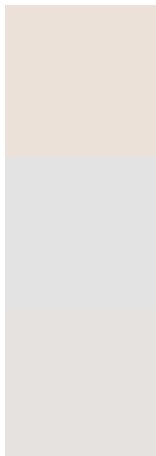
Deuteranomaly

76.5174, 76.3677, 77.0372

Tritanomaly

76.0714, 76.7220, 86.4007

Monochromacy



Original Color

74.0417, 76.6930, 76.5465

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.1488, 76.5434, 80.7310

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.0417, 76.6930, 76.5465 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(236, 225, 217) looks like.

```
.text, #text, p{  
    color:rgb(236, 225, 217)  
}
```

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(236, 225, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 225, 217) }
```

Border

The CSS property to change the border of an element to XYZ 74.0417, 76.6930, 76.5465 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(236, 225, 217) }
```


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

```
.border{ border-color:rgb(236, 225, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 225, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 225, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 225, 217);  
box-shadow:4px 4px 4px 4px rgb(236, 225,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 74.0417, 76.6930, 76.5465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 225, 217) }
```

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

```
.background{ background-color: rgb(236,  
225, 217) }
```

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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