

Converting Colors

XYZ(74.8035, 78.4833, 75.0979)

Have a look what the booklet for
XYZ(74.8035, 78.4833, 75.0979)
contains.

XYZ(74.8061, 78.3464, 74.7980)	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(74.8061, 78.3464,
74.7980)**

Conversions

Conversions Part 1

Format	Color
Hex	EDE4D6
RGB	237, 228, 214
RGB Percent	93%, 89%, 84%
CMY	0.0706, 0.1059, 0.1608
CMYK	0.00, 0.04, 0.10, 0.07
HSL	37°, 39%, 88%
HSV	37°, 10%, 93%
XYZ	74.8061, 78.3464, 74.7980
YIQ	229.0950, 9.8580, -2.4460

Conversions

Conversions Part 2

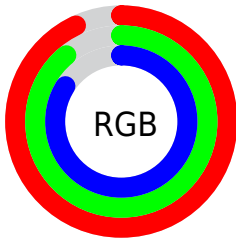
Format	Color
R _Y B	229, 237, 214
Decimal	15590614
CIE Lab	90.94, 0.70, 7.90
CIE LCh	91, 7.935, 84.933
Yxy	78.3464, 0.3282, 0.3437
Android (android.graphics.Color)	4293780694 (0xFFE4D6)
YUV	229.0950, -7.4418, 6.9327
Hunter-Lab	88.5135, -4.0415, 11.8567

Details

The XYZ color **74.8061, 78.3464, 74.7980** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.4052, 73.1847, 90.5897**, and the grayscale version is **74.5959, 78.4807, 85.4655**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2576, 42.2141, 38.8272** is the 20% darker color. If you saturate the color by 10%, you get **69.5155, 72.2612, 59.1721**, and if you desaturate by 10%, it is **80.6782, 84.8881, 92.7923**.

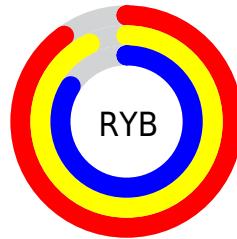
Distribution



Red (93%)

Green (89%)

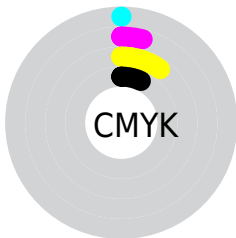
Blue (84%)



Red (90%)

Yellow (93%)

Blue (84%)

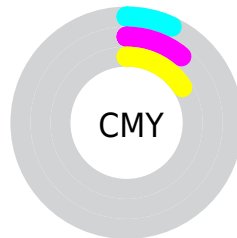


Cyan (0%)

Magenta (4%)

Yellow (10%)

Black (7%)



Cyan (7%)

Magenta (11%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.8061, 78.3464, 74.7980 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 74.8061, 78.3464, 74.7980 by changing the saturation by 10% instead.

■ 74.8061, 78.3464,
74.7980

■ 74.8061, 78.3464,
74.7980

466.2583,
489.3424, 496.4599

■ 55.7477, 58.3586,
54.9467

125.0272,
131.0383, 127.7708

■ 40.2369, 42.0970,
38.9607

156.9206,
164.5112, 161.7295

■ 27.9083, 29.1772,
26.4216

193.8231,
203.2479, 201.2276

■ 18.3966, 19.2149,
16.9107

236.0999,
247.6328, 246.6838

■ 11.3365, 11.8257,
10.0096

284.1165,
298.0503, 298.5166

■ 6.3626, 6.6251,
5.2996

338.2382,

■ 3.1096, 3.2288,

354.8849, 357.1445

2.3623

398.8303,
418.5208, 422.9861

■ 1.2120, 1.2523,
0.7658

■ 0.1158, 0.1038,
0.0000

■ 74.8061, 78.3464,
74.7980

■ 74.8061, 78.3464,
74.7980

■ 69.5155, 72.2612,
59.1721

■ 80.6782, 84.8881,
92.7923

■ 64.7789, 66.6104,
45.8092

■ 86.0971, 91.4681,
107.7250

■ 60.5759, 61.3850,
34.6032

■ 88.7354, 96.7447,
108.6045

■ 56.8824, 56.5717,
25.4376

■ 53.6720, 52.1563,
18.1846

■ 50.9154, 48.1234,
12.7021

■ 48.5795, 44.4559,
8.8277

■ 46.6254, 41.1342,
6.3684

■ 44.9908, 38.1292,
5.0085

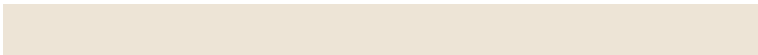
Harmonies

Analogous

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



76.6975, 78.3464, 76.6045



74.8061, 78.3464, 74.7980



72.8563, 78.3464, 75.7026

Triad

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



74.8061, 78.3464, 74.7980



71.0325, 78.3464, 90.0340



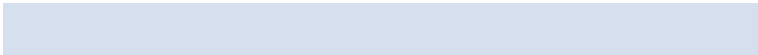
77.6583, 78.3464, 91.7919

Complementary

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



74.8061, 78.3464, 74.7980



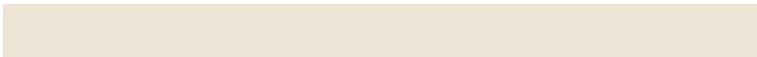
69.4052, 73.1847, 90.5897

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.



76.0990, 78.3464, 95.6889



74.8061, 78.3464, 74.7980



72.2780, 78.3464, 94.6425

Square

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



74.8061, 78.3464, 74.7980



70.7003, 78.3464, 84.3368



74.1267, 78.3464, 96.7546



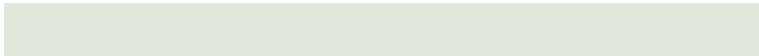
78.3629, 78.3464, 86.2824

Rectangle

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



74.8061, 78.3464, 74.7980



71.7825, 78.3464, 77.7435



74.1267, 78.3464, 96.7546



77.2154, 78.3464, 93.3435

Sweetspot

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



74.8083, 78.3498, 74.7997



92.8955, 97.6229, 102.2261



72.3189, 71.4373, 79.9317



19.7625, 20.7611, 21.5083



0.0000, 0.0000, 0.0000



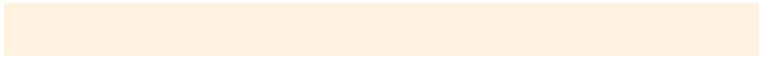
20.3446, 21.4041, 23.3091

Same Dimension

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



74.8083, 78.3498, 74.7997



86.8090, 90.7838, 83.7535



76.5847, 83.0355, 75.6105



15.8288, 16.5806, 15.8848



24.6695, 21.0333, 2.7596



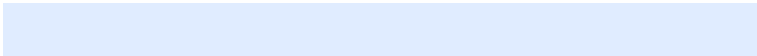
2.0303, 1.8378, 0.2477

Inverse Universe

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



69.4052, 73.1847, 90.5897



79.0161, 83.3344, 106.5283



67.7413, 68.8534, 89.8414



14.7144, 15.5153, 19.1415



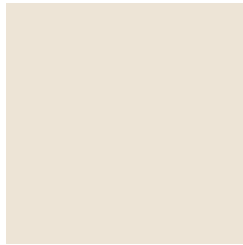
10.5869, 7.8207, 44.6945



0.9225, 0.7964, 3.5400

Previews

White Background



This preview shows how the XYZ color 74.8061, 78.3464, 74.7980 looks on a white background.

Color Contrast Check

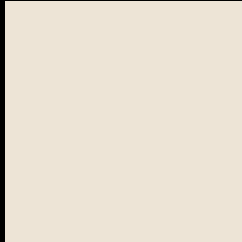
Large Text (above 18pt) WCAG AA × Fail

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 74.8061, 78.3464, 74.7980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

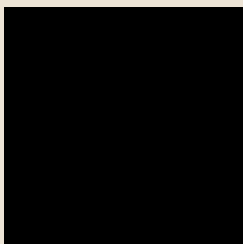
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

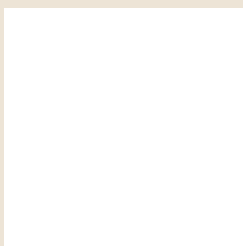
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.8061, 78.3464, 74.7980

Background



This preview shows how black text looks on a background with the XYZ color 74.8061, 78.3464, 74.7980.

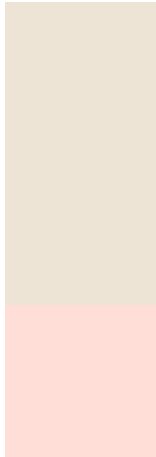


This preview shows how white text looks on a background with the XYZ color 74.8061, 78.3464,

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

74.8061, 78.3464, 74.7980

Protanopia

74.8061, 78.3464, 74.7980

Deuteranopia

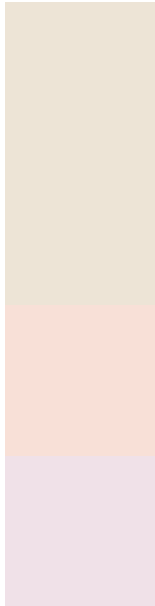
79.7559, 78.4604, 75.9065



Tritanopia

78.9583, 78.4229, 94.9800

Trichromacy



Original Color

74.8061, 78.3464, 74.7980

Protanomaly

74.8061, 78.3464, 74.7980

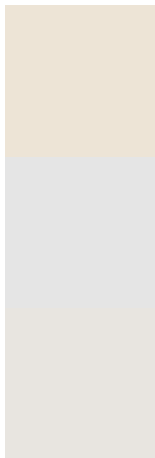
Deuteranomaly

77.6328, 78.1741, 75.2874

Tritanomaly

77.4259, 78.2019, 87.3576

Monochromacy



Original Color

74.8061, 78.3464, 74.7980

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.7526, 78.5762, 81.7479

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.8061, 78.3464, 74.7980 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(237, 228, 214) looks like.

```
.text, #text, p{  
    color:rgb(237, 228, 214)  
}
```

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(237, 228, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 228, 214) }
```

Border

The CSS property to change the border of an element to XYZ 74.8061, 78.3464, 74.7980 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(237, 228, 214) }
```


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

```
.border{ border-color:rgb(237, 228, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 228, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 228, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 228, 214);  
box-shadow:4px 4px 4px 4px rgb(237, 228,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 74.8061, 78.3464, 74.7980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 228, 214) }
```

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

```
.background{ background-color: rgb(237,  
228, 214) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor