

Converting Colors

XYZ(76.2961, 78.3024, 74.7110)

Have a look what the booklet for
XYZ(76.2961, 78.3024, 74.7110)
contains.

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Color

**XYZ(76.2961, 78.3024,
74.7110)**

Conversions

Conversions Part 1

Format	Color
Hex	F3E2D6
RGB	243, 226, 214
RGB Percent	95%, 89%, 84%
CMY	0.0471, 0.1137, 0.1608
CMYK	0.00, 0.07, 0.12, 0.05
HSL	25°, 55%, 90%
HSV	25°, 12%, 95%
XYZ	76.2961, 78.3024, 74.7110
YIQ	229.7150, 13.9840, -0.1280

Conversions

Conversions Part 2

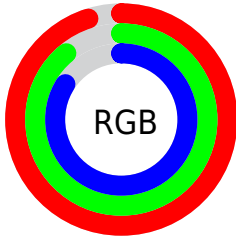
Format	Color
R _Y B	243, 234, 214
Decimal	15983318
CIE Lab	90.92, 3.83, 7.94
CIE LCh	91, 8.815, 64.232
Yxy	78.3024, 0.3327, 0.3415
Android (android.graphics.Color)	4294173398 (0xFFF3E2D6)
YUV	229.7150, -7.7475, 11.6509
Hunter-Lab	88.4886, -0.9500, 11.8835

Details

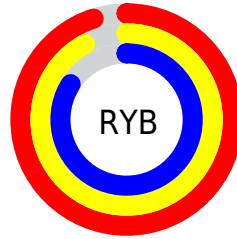
The XYZ color **76.2961, 78.3024, 74.7110** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.4849, 77.9176, 96.0141**, and the grayscale version is **75.0531, 78.9617, 85.9893**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.3144, 42.1938, 38.7676** is the 20% darker color. If you saturate the color by 10%, you get **69.7088, 69.7289, 58.3294**, and if you desaturate by 10%, it is **83.6724, 87.7114, 93.6416**.

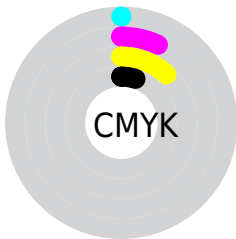
Distribution



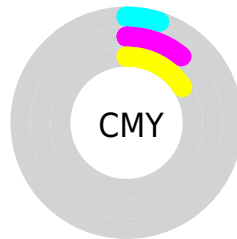
- Red (95%)
- Green (89%)
- Blue (84%)



- Red (95%)
- Yellow (92%)
- Blue (84%)



- Cyan (0%)
- Magenta (7%)
- Yellow (12%)
- Black (5%)





- Cyan (5%)
- Magenta (11%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.2961, 78.3024, 74.7110 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 76.2961, 78.3024, 74.7110 by changing the saturation by 10% instead.

 76.2961, 78.3024,
74.7110

 76.2961, 78.3024,
74.7110


471.2895,
489.1932, 496.1525

 56.9732, 58.3224,
54.8759

127.1235,
130.9763, 127.6465

 41.2238, 42.0679,
38.9044


159.3588,
164.4391, 161.5840

 28.6825, 29.1545,
26.3781


196.6289,
203.1648, 201.0593

 18.9838, 19.1977,
16.8784

239.2992,
247.5381, 246.4910

 11.7625, 11.8132,
9.9868

287.7350,
297.9431, 298.2976

 6.6532, 6.6166,
5.2847

342.3018,

 3.2906, 3.2235,

354.7644, 356.8977

2.3536

403.3649,
418.3863, 422.7099

■ 1.3092, 1.2495,
0.7610

■ 0.1901, 0.1016,
0.0000

■ 76.2961, 78.3024,
74.7110

■ 76.2961, 78.3024,
74.7110

■ 69.7088, 69.7289,
58.3294

■ 83.6724, 87.7114,
93.6416

■ 63.8759, 61.9567,
44.3814

■ 90.6095, 97.4688,
108.6455

■ 58.7695, 54.9644,
32.7506

■ 90.7725, 97.7949,
108.6998

■ 54.3573, 48.7257,
23.3085

■ 50.6043, 43.2124,
15.9142

■ 47.4719, 38.3945,
10.4099

■ 44.9167, 34.2389,
6.6145

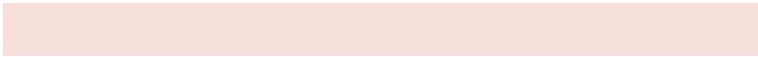
■ 42.8878, 30.7091,
4.3104

■ 41.5763, 28.2826,
3.2678

Harmonies

Analogous

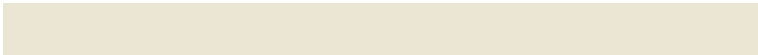
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.0110, 78.3024, 78.5611



76.2961, 78.3024, 74.7110



74.1094, 78.3024, 73.6331

Triad

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



76.2961, 78.3024, 74.7110



70.2458, 78.3024, 86.1638



76.8524, 78.3024, 95.7749

Complementary

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



76.2961, 78.3024, 74.7110



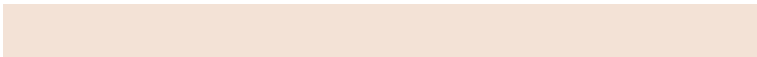
72.4849, 77.9176, 96.0141

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.



74.7397, 78.3024, 98.0463



76.2961, 78.3024, 74.7110



70.9488, 78.3024, 92.3251

Square

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



76.2961, 78.3024, 74.7110



70.6440, 78.3024, 80.0508



72.5829, 78.3024, 96.7537



78.3367, 78.3024, 90.6863

Rectangle

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



76.2961, 78.3024, 74.7110



72.6850, 78.3024, 74.5842



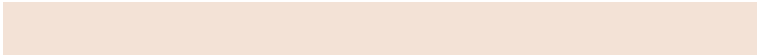
72.5829, 78.3024, 96.7537



76.1907, 78.3024, 96.9044

Sweetspot

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



76.2982, 78.3059, 74.7127



91.5735, 95.6055, 99.8535



75.4901, 72.9411, 85.9991



19.4640, 20.2903, 21.0199



0.0000, 0.0000, 0.0000



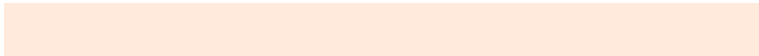
20.3446, 21.4041, 23.3091

Same Dimension

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



76.2982, 78.3059, 74.7127



83.5107, 85.2802, 79.2843



80.2902, 86.2897, 76.0433



17.0626, 17.6093, 17.2972



22.9439, 15.7734, 1.8353



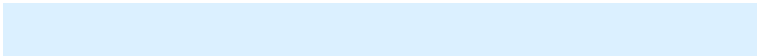
2.1153, 1.5839, 0.1942

Inverse Universe

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



72.4849, 77.9176, 96.0141



78.5793, 84.7777, 106.8299



68.6974, 70.3425, 94.7516



16.3882, 17.5407, 21.0645



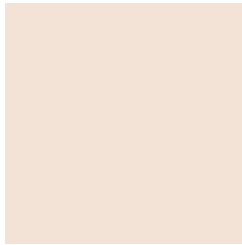
14.3576, 14.5090, 48.5818



1.3631, 1.4776, 4.3036

Previews

White Background



This preview shows how the XYZ color 76.2961, 78.3024, 74.7110 looks on a white background.

Color Contrast Check

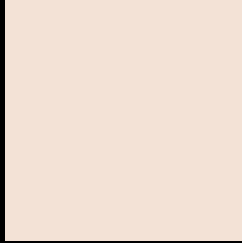
Large Text (above 18pt) WCAG AA × Fail

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 76.2961, 78.3024, 74.7110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

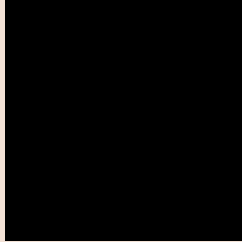
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

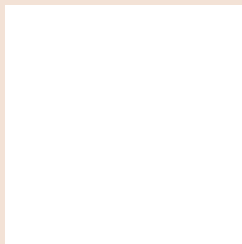
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.2961, 78.3024, 74.7110

Background



This preview shows how black text looks on a background with the XYZ color 76.2961, 78.3024, 74.7110.



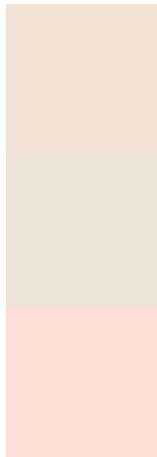
This preview shows how white text looks on a background with the XYZ color 76.2961, 78.3024,

74.7110.

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

76.2961, 78.3024, 74.7110

Protanopia

74.6012, 78.2260, 75.4572

Deuteranopia

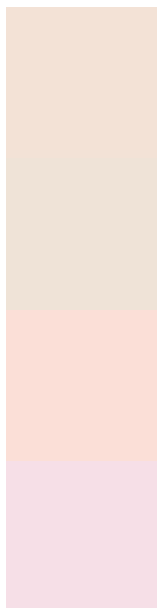
79.7559, 78.4604, 75.9065



Tritanopia

80.2072, 78.3080, 93.3257

Trichromacy



Original Color

76.2961, 78.3024, 74.7110

Protanomaly

75.3314, 78.1952, 75.4128

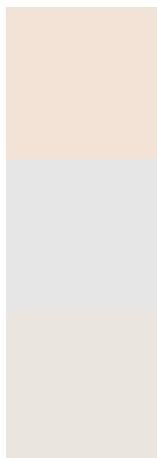
Deuteranomaly

78.4371, 78.1909, 75.2482

Tritanomaly

78.8175, 78.1377, 86.5293

Monochromacy



Original Color

76.2961, 78.3024, 74.7110

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.7348, 79.0826, 81.7938

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.2961, 78.3024, 74.7110 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(243, 226, 214) looks like.

```
.text, #text, p{  
    color:rgb(243, 226, 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(243, 226, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 226, 214) }
```

Border

The CSS property to change the border of an element to XYZ 76.2961, 78.3024, 74.7110 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(243, 226, 214) }
```


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

```
.border{ border-color:rgb(243, 226, 214) }
```

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

Here you see how a box with a 4 pixel rgb(243, 226, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 226, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 226, 214);  
box-shadow:4px 4px 4px 4px rgb(243, 226,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 76.2961, 78.3024, 74.7110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 226, 214) }
```

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

```
.background{ background-color: rgb(243,  
226, 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](#).

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