

Converting Colors

XYZ(75.8127, 78.1537, 77.5094)

Have a look what the booklet for
XYZ(75.8127, 78.1537, 77.5094)
contains.

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Color

**XYZ(75.7864, 77.9799,
77.3869)**

Conversions

Conversions Part 1

Format	Color
Hex	F0E2DA
RGB	240, 226, 218
RGB Percent	94%, 89%, 85%
CMY	0.0588, 0.1137, 0.1451
CMYK	0.00, 0.06, 0.09, 0.06
HSL	22°, 42%, 90%
HSV	22°, 9%, 94%
XYZ	75.7864, 77.9799, 77.3869
YIQ	229.2740, 10.9120, 0.4800

Conversions

Conversions Part 2

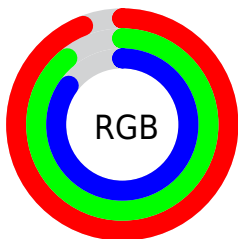
Format	Color
R_{YB}	240, 231, 218
Decimal	15786714
CIE Lab	90.77, 3.43, 5.60
CIE LCh	91, 6.569, 58.540
Yxy	77.9799, 0.3279, 0.3374
Android (android.graphics.Color)	4293976794 (0xFFFF0E2DA)
YUV	229.2740, -5.5581, 9.4067
Hunter-Lab	88.3062, -1.3432, 9.8557

Details

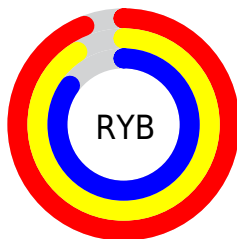
The XYZ color **75.7864, 77.9799, 77.3869** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.4980, 78.9085, 93.7960**, and the grayscale version is **74.7137, 78.6046, 85.6004**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.9409, 41.9605, 40.5917** is the 20% darker color. If you saturate the color by 10%, you get **68.9025, 68.8788, 60.7032**, and if you desaturate by 10%, it is **83.4992, 88.0092, 96.5923**.

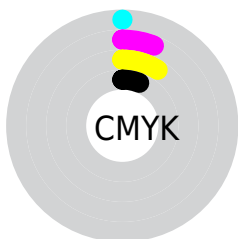
Distribution



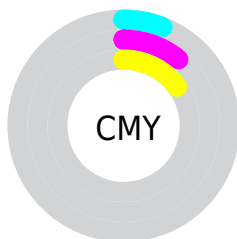
- Red (94%)
- Green (89%)
- Blue (85%)



- Red (94%)
- Yellow (91%)
- Blue (85%)



- Cyan (0%)
- Magenta (6%)
- Yellow (9%)
- Black (6%)





- Cyan (6%)
- Magenta (11%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.7864, 77.9799, 77.3869 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 75.7864, 77.9799, 77.3869 by changing the saturation by 10% instead.


 75.7864, 77.9799,
77.3869

 75.7864, 77.9799,
77.3869


469.5718,
488.0986, 505.5548

 56.5538, 58.0575,
57.0570


126.4069,
130.5218, 131.4635

 40.8859, 41.8549,
40.6414


158.5255,
163.9100, 166.0473

 28.4172, 28.9877,
27.7214


195.6702,
202.5557, 206.2194

 18.7824, 19.0715,
17.8785

238.2063,
246.8431, 252.3985

 11.6162, 11.7219,
10.6943

286.4991,
297.1567, 305.0030

 6.5533, 6.5546,
5.7501

340.9141,

 3.2282, 3.1852,

353.8809, 364.4516

2.6274

401.8165,
417.4000, 431.1627

■ 1.2755, 1.2292,
0.9065

■ 0.1648, 0.0853,
0.0000

■ 75.7864, 77.9799,
77.3869

■ 75.7864, 77.9799,
77.3869

■ 68.9025, 68.8788,
60.7032

■ 83.4992, 88.0092,
96.5923

■ 62.8119, 60.6688,
46.4306

■ 89.7455, 97.2655,
108.6518

■ 57.4859, 53.3247,
34.4575

■ 52.8916, 46.8169,
24.6616

■ 48.9932, 41.1133,
16.9090

■ 45.7517, 36.1801,
11.0508

■ 43.1235, 31.9802,
6.9176

■ 41.0583, 28.4727,
4.3091

■ 39.4851, 25.6070,
2.9190

Harmonies

Analogous

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



76.9409, 77.9799, 80.6377



75.7864, 77.9799, 77.3869



74.1985, 77.9799, 76.1404

Triad

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



75.7864, 77.9799, 77.3869



70.9898, 77.9799, 84.6754



75.6443, 77.9799, 93.1450

Complementary

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



75.7864, 77.9799, 77.3869



73.4980, 78.9085, 93.7960

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.



74.0367, 77.9799, 94.3217



75.7864, 77.9799, 77.3869



71.3642, 77.9799, 89.3241

Square

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



75.7864, 77.9799, 77.3869



71.4431, 77.9799, 80.2506



72.4734, 77.9799, 92.8988



76.8580, 77.9799, 89.7398

Rectangle

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



75.7864, 77.9799, 77.3869



73.1130, 77.9799, 76.5771



72.4734, 77.9799, 92.8988



75.1313, 77.9799, 93.8197

Sweetspot

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



75.7886, 77.9833, 77.3886



92.3096, 96.4511, 102.0308



75.6157, 74.5124, 86.9654



19.6045, 20.4450, 21.4556



0.0000, 0.0000, 0.0000



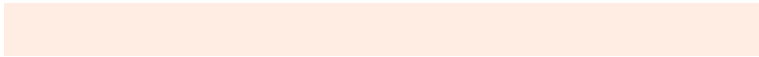
20.3446, 21.4041, 23.3091

Same Dimension

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



75.7886, 77.9833, 77.3886



85.4275, 87.4618, 85.0162



78.7884, 83.9830, 78.3885



16.2436, 16.7004, 16.5171



21.6667, 14.1315, 1.5857



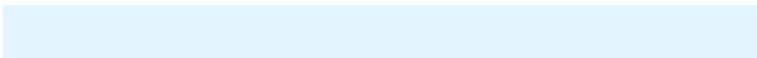
1.8940, 1.3586, 0.1624

Inverse Universe

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



73.4980, 78.9085, 93.7960



82.3031, 88.7233, 107.3952



70.5784, 73.0693, 92.8228



15.7357, 16.9055, 20.1553



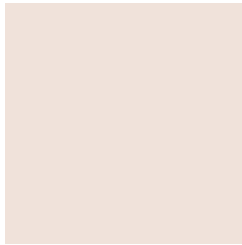
14.9479, 16.1200, 47.4515



1.3378, 1.5295, 3.9789

Previews

White Background



This preview shows how the XYZ color 75.7864, 77.9799, 77.3869 looks on a white background.

Color Contrast Check

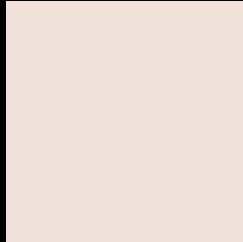
Large Text (above 18pt) WCAG AA × Fail

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 75.7864, 77.9799, 77.3869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

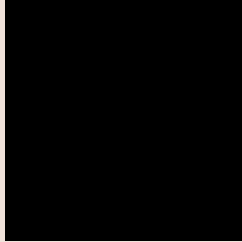
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

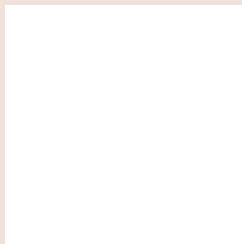
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.7864, 77.9799, 77.3869

Background



This preview shows how black text looks on a background with the XYZ color 75.7864, 77.9799, 77.3869.

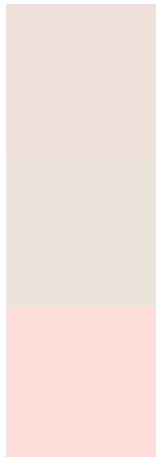


This preview shows how white text looks on a background with the XYZ color 75.7864, 77.9799,

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

75.7864, 77.9799, 77.3869

Protanopia

74.7905, 78.2634, 78.1823

Deuteranopia

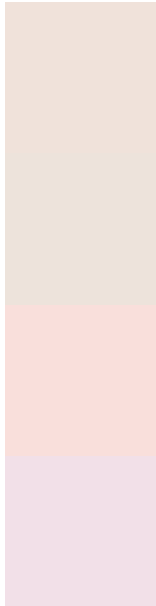
79.5157, 77.8982, 77.8628



Tritanopia

79.0780, 78.1213, 93.3491

Trichromacy



Original Color

75.7864, 77.9799, 77.3869

Protanomaly

75.1803, 78.0572, 78.1219

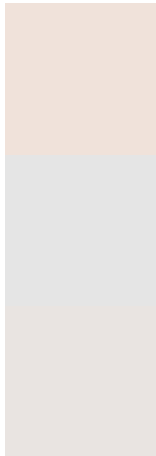
Deuteranomaly

78.2408, 78.0296, 77.9553

Tritanomaly

77.8391, 78.0147, 87.2997

Monochromacy



Original Color

75.7864, 77.9799, 77.3869

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.9383, 78.2467, 82.3876

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.7864, 77.9799, 77.3869 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(240, 226, 218) looks like.

```
.text, #text, p{  
    color:rgb(240, 226, 218)  
}
```

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(240, 226, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 226, 218) }
```

Border

The CSS property to change the border of an element to XYZ 75.7864, 77.9799, 77.3869 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(240, 226, 218) }
```


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

```
.border{ border-color:rgb(240, 226, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 226, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 226, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 226, 218);  
box-shadow:4px 4px 4px 4px rgb(240, 226,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 75.7864, 77.9799, 77.3869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 226, 218) }
```

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

```
.background{ background-color: rgb(240,  
226, 218) }
```

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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