

Converting Colors

XYZ(75.4825, 77.0949, 77.7629)

Have a look what the booklet for
XYZ(75.4825, 77.0949, 77.7629)
contains.

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Color

**XYZ(75.3770, 76.9510,
77.8981)**

Conversions

Conversions Part 1

Format	Color
Hex	F0E0DB
RGB	240, 224, 219
RGB Percent	94%, 88%, 86%
CMY	0.0588, 0.1215, 0.1412
CMYK	0.00, 0.07, 0.09, 0.06
HSL	14°, 41%, 90%
HSV	14°, 9%, 94%
XYZ	75.3770, 76.9510, 77.8981
YIQ	228.2140, 11.1410, 1.8370

Conversions

Conversions Part 2

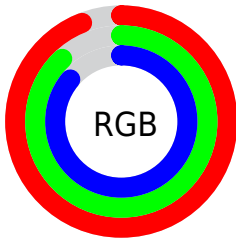
Format	Color
R_{YB}	240, 226, 219
Decimal	15786203
CIE Lab	90.30, 4.63, 4.40
CIE LCh	90, 6.383, 43.559
Yxy	76.9510, 0.3274, 0.3342
Android (android.graphics.Color)	4293976283 (0xFFFF0E0DB)
YUV	228.2140, -4.5425, 10.3363
Hunter-Lab	87.7217, -0.1326, 8.7549

Details

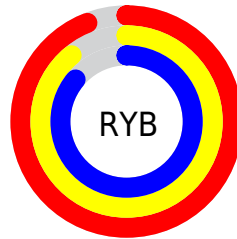
The XYZ color **75.3770, 76.9510, 77.8981** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.6498, 80.7667, 94.0940**, and the grayscale version is **73.9277, 77.7777, 84.6999**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6560, 41.2466, 40.9406** is the 20% darker color. If you saturate the color by 10%, you get **67.7911, 66.4758, 60.8888**, and if you desaturate by 10%, it is **83.9510, 88.6717, 97.4861**.

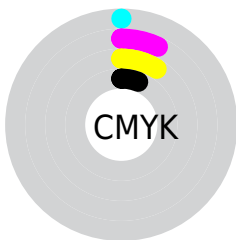
Distribution



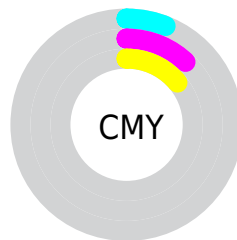
- Red (94%)
- Green (88%)
- Blue (86%)



- Red (94%)
- Yellow (89%)
- Blue (86%)



- Cyan (0%)
- Magenta (7%)
- Yellow (9%)
- Black (6%)





- Cyan (6%)
- Magenta (12%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.3770, 76.9510, 77.8981 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 75.3770, 76.9510, 77.8981 by changing the saturation by 10% instead.

 75.3770, 76.9510,
77.8981

 75.3770, 76.9510,
77.8981


468.1896,
484.5969, 507.3394

 56.2171, 57.2127,
57.4743


125.8309,
129.0703, 132.1910

 40.6147, 41.1760,
40.9743


157.8556,
162.2201, 166.8973

 28.2045, 28.4566,
27.9794


194.8993,
200.6091, 207.2014

 18.6211, 18.6702,
18.0713

237.3273,
244.6218, 253.5220

 11.4992, 11.4322,
10.8312

285.5050,
294.6425, 306.2775

 6.4734, 6.3583,
5.8407

339.7977,

 3.1784, 3.0642,

351.0557, 365.8866

2.6812

400.5708,
414.2457, 432.7677

■ 1.2488, 1.1653,
0.9340

■ 0.1444, 0.0331,
0.0000

■ 75.3770, 76.9510,
77.8981

■ 75.3770, 76.9510,
77.8981

■ 67.7911, 66.4758,
60.8888

■ 83.9510, 88.6717,
97.4861

■ 61.1510, 57.1949,
46.3455

■ 89.7456, 97.2655,
108.6518

■ 55.4203, 49.0685,
34.1545

■ 50.5583, 42.0506,
24.1912

■ 46.5207, 36.0922,
16.3192

■ 43.2590, 31.1403,
10.3875

■ 40.7195, 27.1372,
6.2239

■ 38.8406, 24.0189,
3.6259

■ 37.5405, 21.7091,
2.2978

Harmonies

Analogous

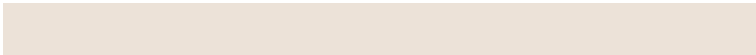
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.1513, 76.9510, 81.7511



75.3770, 76.9510, 77.8981



74.0081, 76.9510, 75.6682

Triad

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



75.3770, 76.9510, 77.8981



70.2471, 76.9510, 81.3333



73.8585, 76.9510, 92.5875

Complementary

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



75.3770, 76.9510, 77.8981



74.6498, 80.7667, 94.0940

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.



72.2779, 76.9510, 92.4657



75.3770, 76.9510, 77.8981



70.2084, 76.9510, 85.8555

Square

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



75.3770, 76.9510, 77.8981



71.0536, 76.9510, 77.6018



70.9470, 76.9510, 89.9645



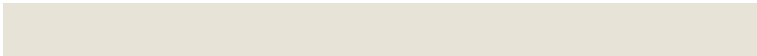
75.2661, 76.9510, 90.2914

Rectangle

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



75.3770, 76.9510, 77.8981



72.9501, 76.9510, 75.3500



70.9470, 76.9510, 89.9645



73.3295, 76.9510, 92.8304

Sweetspot

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



75.3791, 76.9544, 77.8997



92.0117, 95.8554, 101.9315



76.2775, 75.1934, 89.1675



19.5243, 20.2847, 21.4289



0.0000, 0.0000, 0.0000



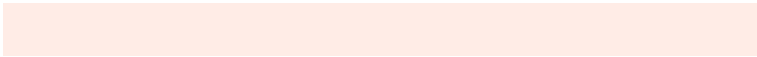
20.3446, 21.4041, 23.3091

Same Dimension

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



75.3791, 76.9544, 77.8997



85.3264, 86.6924, 86.7314



78.2592, 82.7144, 78.8598



16.0786, 16.3703, 16.4621



20.5629, 11.9238, 1.2177



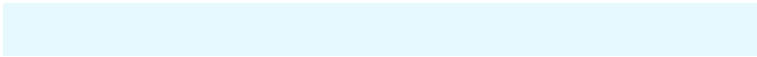
1.7852, 1.1410, 0.1261

Inverse Universe

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



74.6498, 80.7667, 94.0940



84.3749, 91.6645, 107.8537



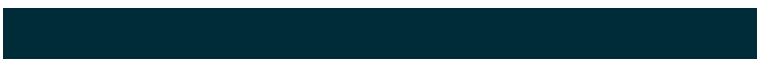
71.7599, 74.9869, 93.1307



15.9096, 17.2533, 20.2133



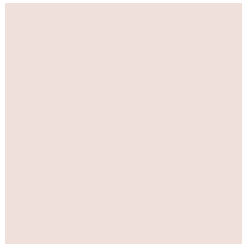
17.9660, 22.1562, 48.4575



1.5704, 1.9948, 4.0565

Previews

White Background



This preview shows how the XYZ color 75.3770, 76.9510, 77.8981 looks on a white background.

Color Contrast Check

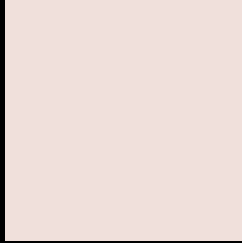
Large Text (above 18pt) WCAG AA × Fail

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 75.3770, 76.9510, 77.8981 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

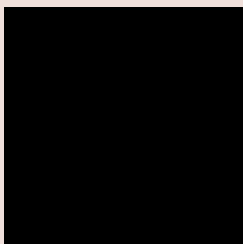
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

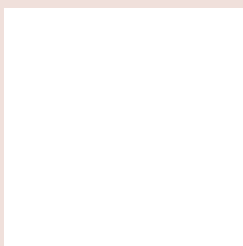
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.3770, 76.9510, 77.8981

Background



This preview shows how black text looks on a background with the XYZ color 75.3770, 76.9510, 77.8981.

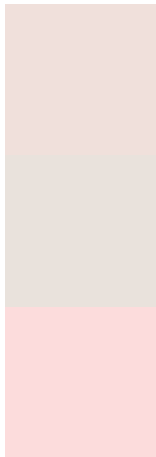


This preview shows how white text looks on a background with the XYZ color 75.3770, 76.9510,

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

75.3770, 76.9510, 77.8981

Protanopia

73.7189, 76.8837, 78.6648

Deuteranopia

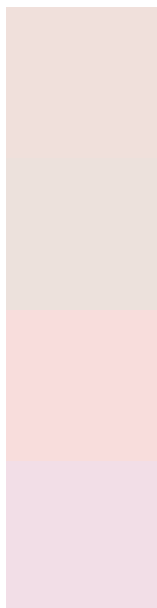
78.6564, 77.0492, 78.4365



Tritanopia

78.2512, 76.9406, 91.6157

Trichromacy



Original Color

75.3770, 76.9510, 77.8981

Protanomaly

74.4356, 76.8506, 78.6206

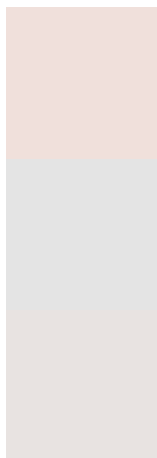
Deuteranomaly

77.4861, 76.8367, 78.4571

Tritanomaly

77.1630, 76.8893, 86.3755

Monochromacy



Original Color

75.3770, 76.9510, 77.8981

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.3384, 77.5302, 82.2809

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.3770, 76.9510, 77.8981 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, 224, 219) looks like.

```
.text, #text, p{  
    color:rgb(240, 224, 219)  
}
```

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, 224, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 224, 219) }
```

Border

The CSS property to change the border of an element to XYZ 75.3770, 76.9510, 77.8981 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, 224, 219) }
```


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

```
.border{ border-color:rgb(240, 224, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 224, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 224, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 224, 219);  
box-shadow:4px 4px 4px 4px rgb(240, 224,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 75.3770, 76.9510, 77.8981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 224, 219) }
```

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

```
.background{ background-color: rgb(240,  
224, 219) }
```

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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