

Converting Colors

XYZ(74.7216, 77.2029, 77.9022)

Have a look what the booklet for
XYZ(74.7216, 77.2029, 77.9022)
contains.

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Color

**XYZ(74.6364, 76.9694,
77.9407)**

Conversions

Conversions Part 1

Format	Color
Hex	EDE1DB
RGB	237, 225, 219
RGB Percent	93%, 88%, 86%
CMY	0.0706, 0.1176, 0.1412
CMYK	0.00, 0.05, 0.08, 0.07
HSL	20°, 33%, 89%
HSV	20°, 8%, 93%
XYZ	74.6364, 76.9694, 77.9407
YIQ	227.9040, 9.0780, 0.6780

Conversions

Conversions Part 2

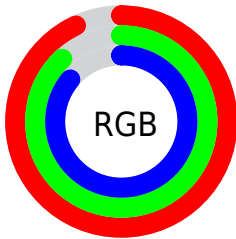
Format	Color
R _Y B	237, 228, 219
Decimal	15589851
CIE Lab	90.31, 3.07, 4.38
CIE LCh	90, 5.348, 54.992
Yxy	76.9694, 0.3251, 0.3353
Android (android.graphics.Color)	4293779931 (0xFFEDE1DB)
YUV	227.9040, -4.3897, 7.9772
Hunter-Lab	87.7322, -1.6761, 8.7397

Details

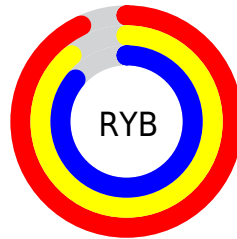
The XYZ color **74.6364, 76.9694, 77.9407** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.0752, 78.3249, 91.3883**, and the grayscale version is **73.7008, 77.5390, 84.4400**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1316, 41.2535, 40.9695** is the 20% darker color. If you saturate the color by 10%, you get **67.6622, 67.6631, 61.3028**, and if you desaturate by 10%, it is **82.4542, 87.2501, 97.0532**.

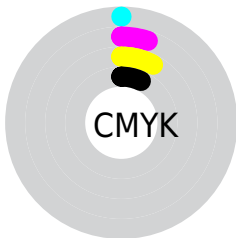
Distribution



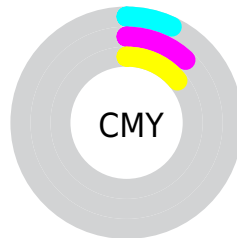
- Red (93%)
- Green (88%)
- Blue (86%)



- Red (93%)
- Yellow (89%)
- Blue (86%)



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



- Cyan (7%)
- Magenta (12%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.6364, 76.9694, 77.9407 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 74.6364, 76.9694, 77.9407 by changing the saturation by 10% instead.

74.6364, 76.9694,
77.9407

74.6364, 76.9694,
77.9407

465.6834,
484.6597, 507.4880

55.6082, 57.2278,
57.5091

124.7882,
129.0963, 132.2516

40.1246, 41.1881,
41.0020

156.6425,
162.2503, 166.9681

27.8204, 28.4661,
28.0010

193.5029,
200.6439, 207.2832

18.3301, 18.6773,
18.0873

235.7347,
244.6616, 253.6155

11.2883, 11.4374,
10.8426

283.7033,
294.6875, 306.3836

6.3298, 6.3618,
5.8483

337.7740,

3.0892, 3.0663,

351.1063, 366.0061

2.6857

398.3123,
414.3022, 432.9013

■ 1.2011, 1.1665,
0.9362

■ 0.1073, 0.0340,
0.0000

■ 74.6364, 76.9694,
77.9407

■ 74.6364, 76.9694,
77.9407

■ 67.6622, 67.6631,
61.3028

■ 82.4542, 87.2501,
97.0532

■ 61.4958, 59.2924,
47.0328

■ 88.7354, 96.7447,
108.6045

■ 56.1082, 51.8304,
35.0231

■ 51.4662, 45.2451,
25.1562

■ 47.5340, 39.5026,
17.3036

■ 44.2724, 34.5666,
11.3230

■ 41.6379, 30.3978,
7.0532

■ 39.5809, 26.9529,
4.3048

■ 38.0388, 24.1816,
2.8264

Harmonies

Analogous

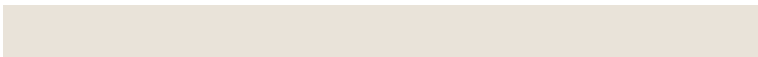
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.5033, 76.9694, 80.7454



74.6364, 76.9694, 77.9407



73.3809, 76.9694, 76.7094

Triad

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



74.6364, 76.9694, 77.9407



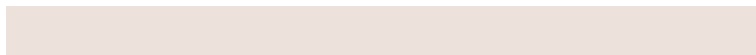
70.6351, 76.9694, 83.1679



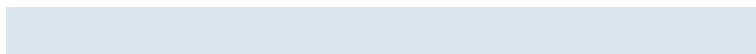
74.2446, 76.9694, 90.6327

Complementary

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



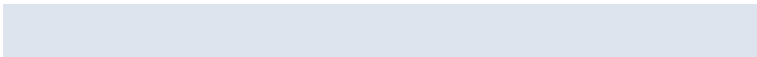
74.6364, 76.9694, 77.9407



73.0752, 78.3249, 91.3883

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.



72.9337, 76.9694, 91.3286



74.6364, 76.9694, 77.9407



70.8600, 76.9694, 86.9441

Square

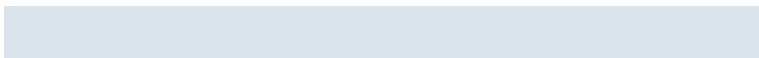
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.6364, 76.9694, 77.9407



71.0792, 76.9694, 79.6683



71.6975, 76.9694, 89.9597



75.2752, 76.9694, 88.0858

Rectangle

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



74.6364, 76.9694, 77.9407



72.4965, 76.9694, 76.9186



71.6975, 76.9694, 89.9597



73.8217, 76.9694, 91.0940

Sweetspot

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



74.6385, 76.9728, 77.9424



93.1649, 97.5264, 104.2745



74.6813, 74.4382, 86.0341



19.9609, 20.9007, 22.3675



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.



74.6385, 76.9728, 77.9424



86.8860, 89.2359, 89.0260



77.1349, 81.9655, 78.7745



15.4760, 15.8750, 15.7672



20.7043, 13.1028, 1.4379



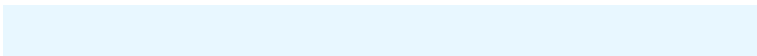
1.7114, 1.2000, 0.1414

Inverse Universe

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



73.0752, 78.3249, 91.3883



84.7112, 91.1167, 107.7303



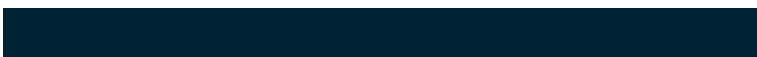
70.6218, 73.4182, 90.5705



15.0699, 16.2262, 19.2599



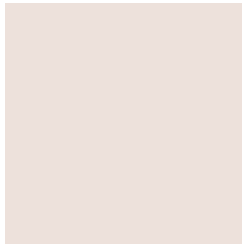
15.1414, 16.9298, 46.2127



1.2768, 1.5050, 3.6581

Previews

White Background



This preview shows how the XYZ color 74.6364, 76.9694, 77.9407 looks on a white background.

Color Contrast Check

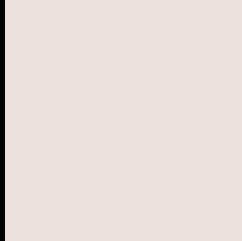
Large Text (above 18pt) WCAG AA × Fail

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 74.6364, 76.9694, 77.9407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

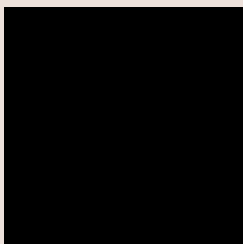
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

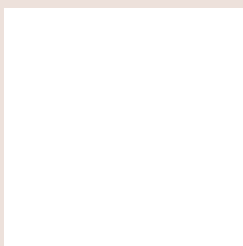
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.6364, 76.9694, 77.9407

Background



This preview shows how black text looks on a background with the XYZ color 74.6364, 76.9694, 77.9407.



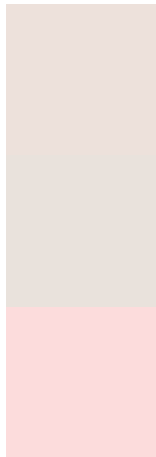
This preview shows how white text looks on a background with the XYZ color 74.6364, 76.9694,

77.9407.

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

74.6364, 76.9694, 77.9407

Protanopia

73.7189, 76.8837, 78.6648

Deuteranopia

78.6564, 77.0492, 78.4365



Tritanopia

77.6364, 76.9998, 92.4319

Trichromacy



Original Color

74.6364, 76.9694, 77.9407

Protanomaly

74.0463, 77.0524, 78.6801

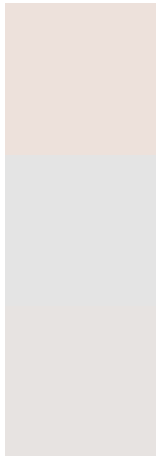
Deuteranomaly

77.3973, 77.1840, 78.5289

Tritanomaly

76.5498, 76.9523, 87.1626

Monochromacy



Original Color

74.6364, 76.9694, 77.9407

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.0147, 77.3633, 82.2658

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.6364, 76.9694, 77.9407 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, 225, 219) looks like.

```
.text, #text, p{  
    color:rgb(237, 225, 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(237, 225, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 225, 219) }
```

Border

The CSS property to change the border of an element to XYZ 74.6364, 76.9694, 77.9407 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, 225, 219) }
```


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

```
.border{ border-color:rgb(237, 225, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 225, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 225, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 225, 219);  
box-shadow:4px 4px 4px 4px rgb(237, 225,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 74.6364, 76.9694, 77.9407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 225, 219) }
```

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

```
.background{ background-color: rgb(237,  
225, 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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