

Converting Colors

XYZ(74.9538, 77.0004, 84.8144)

Have a look what the booklet for
XYZ(74.9538, 77.0004, 84.8144)
contains.

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Color

**XYZ(74.9998, 77.0000,
85.0383)**

Conversions

Conversions Part 1

Format	Color
Hex	EAE1E5
RGB	234, 225, 229
RGB Percent	92%, 88%, 90%
CMY	0.0823, 0.1176, 0.1020
CMYK	0.00, 0.04, 0.02, 0.08
HSL	333°, 18%, 90%
HSV	333°, 4%, 92%
XYZ	74.9998, 77.0000, 85.0383
YIQ	228.1470, 4.0800, 3.1520

Conversions

Conversions Part 2

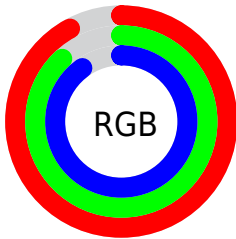
Format	Color
R _Y B	234, 225, 229
Decimal	15393253
CIE Lab	90.32, 3.75, -0.87
CIE LCh	90, 3.854, 346.965
Yxy	77.0000, 0.3164, 0.3248
Android (android.graphics.Color)	4293583333 (0xFFEAE1E5)
YUV	228.1470, 0.4205, 5.1331
Hunter-Lab	87.7496, -0.9976, 3.9667

Details

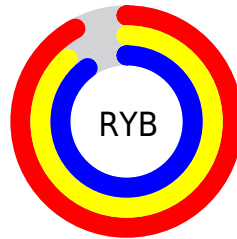
The XYZ color **74.9998, 77.0000, 85.0383** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.7600, 80.5685, 86.4780**, and the grayscale version is **73.8472, 77.6930, 84.6076**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.3748, 41.2704, 45.8824** is the 20% darker color. If you saturate the color by 10%, you get **67.3544, 64.5064, 73.8638**, and if you desaturate by 10%, it is **83.6526, 91.2885, 97.2217**.

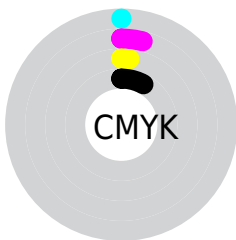
Distribution



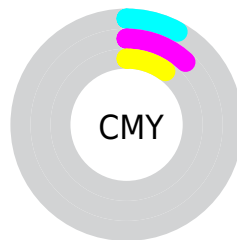
- Red (92%)
- Green (88%)
- Blue (90%)



- Red (92%)
- Yellow (88%)
- Blue (90%)



- Cyan (0%)
- Magenta (4%)
- Yellow (2%)
- Black (8%)



- Cyan (8%)
- Magenta (12%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.9998, 77.0000, 85.0383 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 74.9998, 77.0000, 85.0383 by changing the saturation by 10% instead.

74.9998, 77.0000,
85.0383

74.9998, 77.0000,
85.0383

466.9141,
484.7640, 531.9027

55.9069, 57.2529,
63.3227

125.3000,
129.1395, 142.3013

40.3650, 41.2083,
45.6596

157.2380,
162.3006, 178.6858

28.0087, 28.4819,
31.6306

194.1884,
200.7019, 220.7970

18.4727, 18.6892,
20.8170

236.5166,
244.7277, 269.0535

11.3916, 11.4459,
12.8004

284.5879,
294.7624, 323.8738

6.4001, 6.3676,
7.1621

338.7677,

3.1328, 3.0699,

351.1904, 385.6763

3.4837

399.4213,
414.3962, 454.8798

■ 1.2244, 1.1683,
1.3466

■ 0.1255, 0.0356,
0.0995

■ 74.9998, 77.0000,
85.0383

■ 74.9998, 77.0000,
85.0383

■ 67.3544, 64.5064,
73.8638

■ 83.6526, 91.2885,
97.2217

■ 60.6717, 53.7265,
63.6660

■ 87.7422, 96.2327,
108.5580

■ 54.9136, 44.5875,
54.4179

■ 50.0366, 37.0077,
46.0894

■ 45.9936, 30.8981,
38.6485

■ 42.7328, 26.1609,
32.0610

■ 40.1965, 22.6859,
26.2899

■ 38.3178, 20.3459,
21.2944

■ 37.0165, 18.9865,
17.0280

Harmonies

Analogous

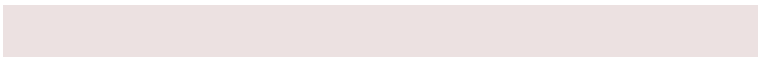
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.5441, 77.0000, 87.5007



74.9998, 77.0000, 85.0383



74.9665, 77.0000, 82.3064

Triad

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



74.9998, 77.0000, 85.0383



72.6488, 77.0000, 78.8831



71.9333, 77.0000, 87.7648

Complementary

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



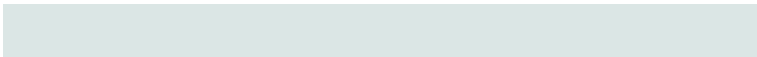
74.9998, 77.0000, 85.0383



74.7600, 80.5685, 86.4780

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.



71.4343, 77.0000, 85.3923



74.9998, 77.0000, 85.0383



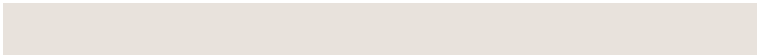
71.8449, 77.0000, 80.2827

Square

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



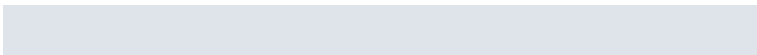
74.9998, 77.0000, 85.0383



73.6034, 77.0000, 78.7930



71.4021, 77.0000, 82.6528



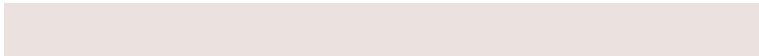
72.7705, 77.0000, 89.0979

Rectangle

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



74.9998, 77.0000, 85.0383



74.6714, 77.0000, 80.7002



71.4021, 77.0000, 82.6528



71.7208, 77.0000, 87.0601

Sweetspot

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



75.0020, 77.0033, 85.0400



94.0145, 98.2928, 107.4333



74.3964, 76.6093, 88.7091



20.1339, 21.0567, 23.0106



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

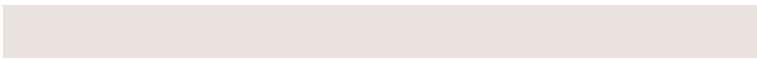
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.0020, 77.0033, 85.0400



89.9965, 91.6851, 101.6903



74.5720, 77.0262, 82.1753



15.9833, 16.2122, 18.0245



20.5314, 10.4152, 8.5996



1.6599, 0.8369, 0.9266

Inverse Universe

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



75.0020, 77.0033, 85.0400



89.9965, 91.6851, 101.6903



75.1999, 80.5398, 89.4254



15.9833, 16.2122, 18.0245



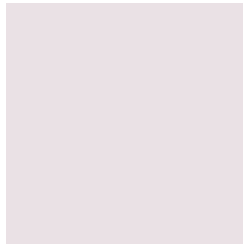
20.5314, 10.4152, 8.5996



1.6599, 0.8369, 0.9266

Previews

White Background



This preview shows how the XYZ color 74.9998, 77.0000, 85.0383 looks on a white background.

Color Contrast Check

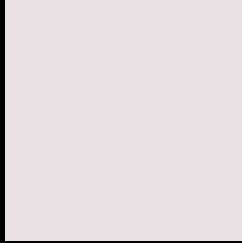
Large Text (above 18pt) WCAG AA × Fail

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 74.9998, 77.0000, 85.0383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

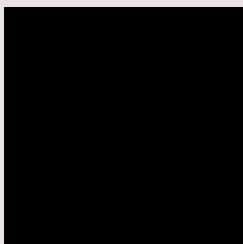
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

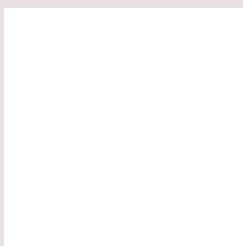
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.9998, 77.0000, 85.0383

Background



This preview shows how black text looks on a background with the XYZ color 74.9998, 77.0000, 85.0383.

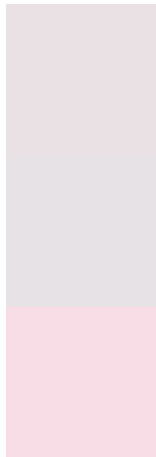


This preview shows how white text looks on a background with the XYZ color 74.9998, 77.0000,

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

74.9998, 77.0000, 85.0383

Protanopia

74.1124, 76.9289, 85.8055

Deuteranopia

78.5875, 76.8560, 85.5556



Tritanopia

76.8569, 76.9591, 94.0229

Trichromacy



Original Color

74.9998, 77.0000, 85.0383

Protanomaly

74.4343, 77.0948, 85.8206

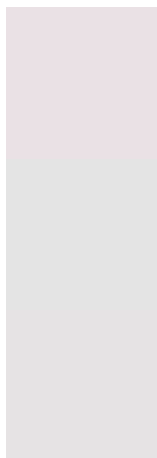
Deuteranomaly

77.3664, 77.0104, 85.6498

Tritanomaly

76.2027, 77.0879, 90.9839

Monochromacy



Original Color

74.9998, 77.0000, 85.0383

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.1058, 77.3626, 84.4255

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.9998, 77.0000, 85.0383 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(234, 225, 229) looks like.

```
.text, #text, p{  
    color:rgb(234, 225, 229)  
}
```

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(234, 225, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 225, 229) }
```

Border

The CSS property to change the border of an element to XYZ 74.9998, 77.0000, 85.0383 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(234, 225, 229) }
```


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

```
.border{ border-color:rgb(234, 225, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 225, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 225, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 225, 229);  
box-shadow:4px 4px 4px 4px rgb(234, 225,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 74.9998, 77.0000, 85.0383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 225, 229) }
```

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

```
.background{ background-color: rgb(234,  
225, 229) }
```

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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