

Converting Colors

XYZ(75.8928, 77.4735, 88.4230)

Have a look what the booklet for
XYZ(75.8928, 77.4735, 88.4230)
contains.

XYZ(76.0374, 77.4531, 88.7842)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(76.0374, 77.4531,
88.7842)**

Conversions

Conversions Part 1

Format	Color
Hex	EBE1EA
RGB	235, 225, 234
RGB Percent	92%, 88%, 92%
CMY	0.0784, 0.1176, 0.0823
CMYK	0.00, 0.04, 0.00, 0.08
HSL	306°, 20%, 90%
HSV	306°, 4%, 92%
XYZ	76.0374, 77.4531, 88.7842
YIQ	229.0160, 3.0710, 4.9190

Conversions

Conversions Part 2

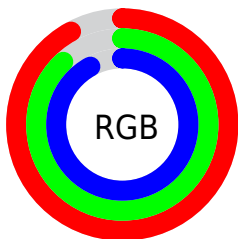
Format	Color
R _Y B	235, 225, 234
Decimal	15458794
CIE Lab	90.53, 4.98, -3.18
CIE LCh	91, 5.905, 327.464
Yxy	77.4531, 0.3138, 0.3197
Android (android.graphics.Color)	4293648874 (0xFFEBE1EA)
YUV	229.0160, 2.4571, 5.2480
Hunter-Lab	88.0074, 0.2089, 1.7919

Details

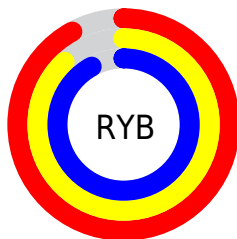
The XYZ color **76.0374, 77.4531, 88.7842** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.4900, 80.9172, 83.6480**, and the grayscale version is **74.4708, 78.3490, 85.3221**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.0010, 41.5475, 47.9780** is the 20% darker color. If you saturate the color by 10%, you get **69.7820, 65.4781, 85.0447**, and if you desaturate by 10%, it is **83.1761, 91.1852, 92.8421**.

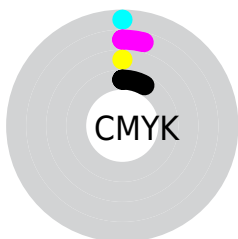
Distribution



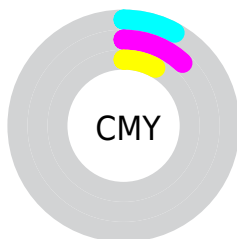
- Red (92%)
- Green (88%)
- Blue (92%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.0374, 77.4531, 88.7842 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 76.0374, 77.4531, 88.7842 by changing the saturation by 10% instead.

76.0374, 77.4531,
88.7842

76.0374, 77.4531,
88.7842

470.4181,
486.3075, 544.5356

56.7603, 57.6248,
66.4047

126.7598,
129.7789, 147.5692

41.0522, 41.5071,
48.1424

158.9359,
163.0452, 184.8117

28.5478, 28.7155,
33.5789

196.1424,
201.5596, 227.8456

18.8815, 18.8657,
22.2956

238.7447,
245.7066, 277.0896

11.6882, 11.5733,
13.8738

287.1080,
295.8704, 332.9620

6.6024, 6.4538,
7.8952

341.5978,

3.2588, 3.1230,

352.4356, 395.8814

3.9412

402.5794,
415.7865, 466.2665

■ 1.2921, 1.1963,
1.5931

■ 0.1773, 0.0586,
0.2859

■ 76.0374, 77.4531,
88.7842

■ 76.0374, 77.4531,
88.7842

■ 69.7820, 65.4781,
85.0447

■ 83.1761, 91.1852,
92.8421

■ 64.3676, 55.1792,
81.6066

■ 85.5575, 95.3969,
95.3356

■ 59.7587, 46.4840,
78.4589

■ 85.9066, 95.5365,
97.1738

■ 55.9142, 39.3107,
75.5880

■ 86.2602, 95.6779,
99.0360

52.7899, 33.5706,
72.9788

86.6184, 95.8212,
100.9221

50.3367, 29.1656,
70.6150

86.9812, 95.9663,
102.8322

48.4994, 25.9855,
68.4782

87.3485, 96.1132,
104.7665

47.2140, 23.9022,
66.5468

87.7204, 96.2620,
106.7250

46.4024, 22.7595,
64.7947

88.0714, 96.4024,
108.5734

Harmonies

Analogous

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



74.9345, 77.4531, 91.7587



76.0374, 77.4531, 88.7842



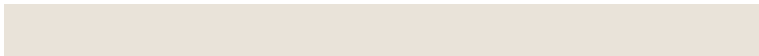
76.4909, 77.4531, 84.6937

Triad

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



76.0374, 77.4531, 88.7842



73.7426, 77.4531, 76.4651



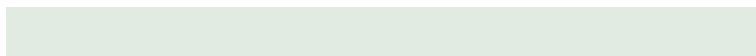
71.1253, 77.4531, 88.1406

Complementary

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



76.0374, 77.4531, 88.7842



74.4900, 80.9172, 83.6480

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.



70.8157, 77.4531, 83.9739



76.0374, 77.4531, 88.7842



72.3147, 77.4531, 77.3196

Square

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



76.0374, 77.4531, 88.7842



75.1550, 77.4531, 77.6598



71.2482, 77.4531, 80.0336



72.0998, 77.4531, 91.3785

Rectangle

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



76.0374, 77.4531, 88.7842



76.3596, 77.4531, 81.9156



71.2482, 77.4531, 80.0336



70.9406, 77.4531, 86.7981

Sweetspot

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



76.0396, 77.4564, 88.7859



94.2008, 98.3674, 108.4145



73.2880, 76.0213, 89.4092



20.1718, 21.0719, 23.2103



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.



76.0396, 77.4564, 88.7859



90.9119, 92.0513, 106.5110



75.3315, 77.1732, 85.0571



16.1679, 16.2861, 18.9967



25.6732, 12.4720, 35.6760



2.0348, 0.9869, 2.9005

Inverse Universe

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



76.0396, 77.4564, 88.7859



90.9119, 92.0513, 106.5110



75.1860, 81.1956, 87.3132



16.1679, 16.2861, 18.9967



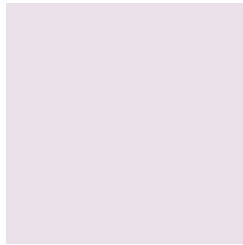
25.6732, 12.4720, 35.6760



2.0348, 0.9869, 2.9005

Previews

White Background



This preview shows how the XYZ color 76.0374, 77.4531, 88.7842 looks on a white background.

Color Contrast Check

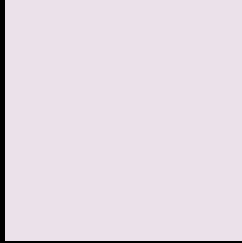
Large Text (above 18pt) WCAG AA × Fail

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 76.0374, 77.4531, 88.7842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

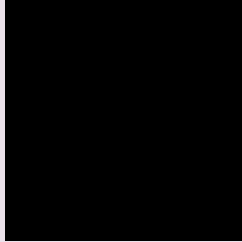
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

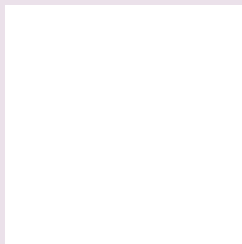
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.0374, 77.4531, 88.7842

Background



This preview shows how black text looks on a background with the XYZ color 76.0374, 77.4531, 88.7842.

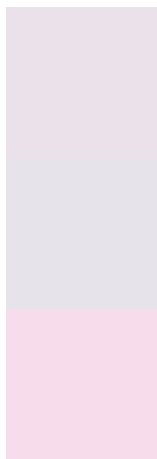


This preview shows how white text looks on a background with the XYZ color 76.0374, 77.4531,

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

76.0374, 77.4531, 88.7842

Protanopia

75.0976, 77.7593, 89.6482

Deuteranopia

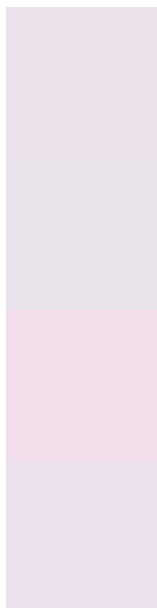
79.2096, 77.4852, 89.3786



Tritanopia

77.1249, 77.4950, 94.1122

Trichromacy



Original Color

76.0374, 77.4531, 88.7842

Protanomaly

75.4705, 77.5467, 89.5875

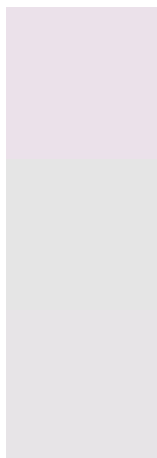
Deuteranomaly

78.0788, 77.2954, 89.4016

Tritanomaly

76.6803, 77.3172, 91.7711

Monochromacy



Original Color

76.0374, 77.4531, 88.7842

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

75.1222, 78.2453, 86.7448

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.0374, 77.4531, 88.7842 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(235, 225, 234) looks like.

```
.text, #text, p{  
    color:rgb(235, 225, 234)  
}
```

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(235, 225, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 225, 234) }
```

Border

The CSS property to change the border of an element to XYZ 76.0374, 77.4531, 88.7842 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(235, 225, 234) }
```


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

```
.border{ border-color:rgb(235, 225, 234) }
```

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

Here you see how a box with a 4 pixel rgb(235, 225, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 225, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 225, 234);  
box-shadow:4px 4px 4px 4px rgb(235, 225,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 76.0374, 77.4531, 88.7842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 225, 234) }
```

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

```
.background{ background-color: rgb(235,  
225, 234) }
```

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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