

Converting Colors

XYZ(76.8467, 77.8543, 89.5753)

Have a look what the booklet for
XYZ(76.8467, 77.8543, 89.5753)
contains.

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Color

**XYZ(76.8457, 77.8531,
89.5742)**

Conversions

Conversions Part 1

Format	Color
Hex	EDE1EB
RGB	237, 225, 235
RGB Percent	93%, 88%, 92%
CMY	0.0706, 0.1176, 0.0784
CMYK	0.00, 0.05, 0.01, 0.07
HSL	310°, 25%, 91%
HSV	310°, 5%, 93%
XYZ	76.8457, 77.8531, 89.5742
YIQ	229.7280, 3.9420, 5.6540

Conversions

Conversions Part 2

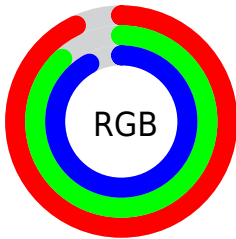
Format	Color
R_{YB}	237, 225, 235
Decimal	15589867
CIE Lab	90.71, 5.83, -3.41
CIE LCh	91, 6.754, 329.648
Yxy	77.8531, 0.3146, 0.3187
Android (android.graphics.Color)	4293779947 (0xFFEDE1EB)
YUV	229.7280, 2.5991, 6.3775
Hunter-Lab	88.2344, 1.0502, 1.5738

Details

The XYZ color **76.8457, 77.8531, 89.5742** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.2036, 82.1242, 84.5650**, and the grayscale version is **74.9940, 78.8996, 85.9216**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.5675, 41.8279, 48.5306** is the 20% darker color. If you saturate the color by 10%, you get **70.3144, 65.6929, 84.6123**, and if you desaturate by 10%, it is **84.2835, 91.8036, 94.9027**.

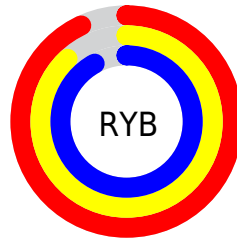
Distribution



Red (93%)

Green (88%)

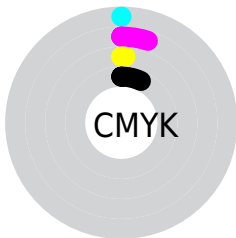
Blue (92%)



Red (93%)

Yellow (88%)

Blue (92%)

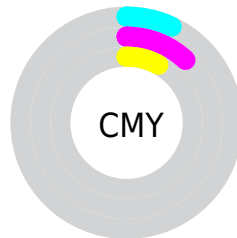


Cyan (0%)

Magenta (5%)

Yellow (1%)

Black (7%)



Cyan (7%)

Magenta (12%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.8457, 77.8531, 89.5742 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 76.8457, 77.8531, 89.5742 by changing the saturation by 10% instead.

76.8457, 77.8531,
89.5742

76.8457, 77.8531,
89.5742

473.1378,
487.6678, 547.1791

57.4257, 57.9533,
67.0558

127.8956,
130.3430, 148.6771

41.5886, 41.7711,
48.6681

160.2563,
163.7019, 186.0988

28.9690, 28.9221,
33.9925

197.6613,
202.3160, 229.3253

19.2015, 19.0219,
22.6105

240.4759,
246.5697, 278.7751

11.9209, 11.6861,
14.1036

289.0655,
296.8473, 334.8669

6.7616, 6.5303,
8.0532

343.7954,

3.3585, 3.1701,

353.5332, 398.0191

4.0407

405.0311,
417.0119, 468.6503

■ 1.3460, 1.2212,
1.6477

■ 0.2173, 0.0789,
0.3245

■ 76.8457, 77.8531,
89.5742

■ 76.8457, 77.8531,
89.5742

■ 70.3144, 65.6929,
84.6123

■ 84.2835, 91.8036,
94.9027

■ 64.6463, 55.2402,
79.9994

■ 86.8489, 95.9901,
98.6692

■ 59.8046, 46.4203,
75.7237

■ 87.4520, 96.2314,
101.8448

■ 55.7474, 39.1494,
71.7709

■ 88.0679, 96.4777,
105.0886

■ 52.4289, 33.3360,
68.1253

■ 88.6969, 96.7293,
108.4008

■ 49.7984, 28.8792,
64.7695

■ 88.7356, 96.7448,
108.6045

■ 47.7991, 25.6651,
61.6843

■ 46.3645, 23.5611,
58.8470

■ 45.4131, 22.4045,
56.2301

Harmonies

Analogous

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



75.6212, 77.8531, 93.1437



76.8457, 77.8531, 89.5742



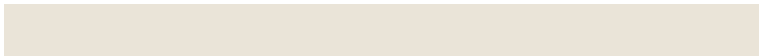
77.3047, 77.8531, 84.8262

Triad

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



76.8457, 77.8531, 89.5742



74.0171, 77.8531, 75.7720



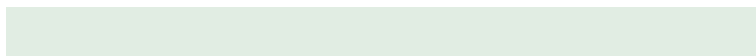
71.2001, 77.8531, 89.4710

Complementary

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



76.8457, 77.8531, 89.5742



75.2036, 82.1242, 84.5650

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.



70.7851, 77.8531, 84.7114



76.8457, 77.8531, 89.5742



72.3963, 77.8531, 76.9116

Square

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



76.8457, 77.8531, 89.5742



75.6565, 77.8531, 76.9654



71.2197, 77.8531, 80.1384



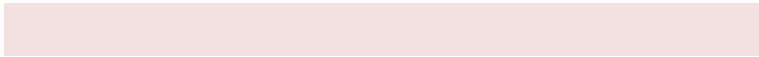
72.3621, 77.8531, 93.0825

Rectangle

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



76.8457, 77.8531, 89.5742



77.1096, 77.8531, 81.6685



71.2197, 77.8531, 80.1384



70.9694, 77.8531, 87.9466

Sweetspot

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



76.8479, 77.8565, 89.5759



93.3079, 96.7344, 107.6454



73.8931, 76.2996, 90.9548



19.9900, 20.7393, 23.0538



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.



76.8479, 77.8565, 89.5759



89.9538, 90.4605, 105.1885



75.9958, 77.5156, 85.0884



16.0030, 16.0183, 18.7503



24.6426, 12.0597, 30.2487



1.9637, 0.9584, 2.5261

Inverse Universe

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



76.8479, 77.8565, 89.5759



89.9538, 90.4605, 105.1885



76.0461, 82.4612, 89.0015



16.0030, 16.0183, 18.7503



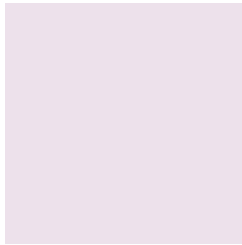
24.6426, 12.0597, 30.2487



1.9637, 0.9584, 2.5261

Previews

White Background



This preview shows how the XYZ color 76.8457, 77.8531, 89.5742 looks on a white background.

Color Contrast Check

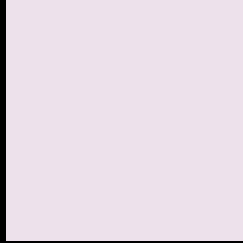
Large Text (above 18pt) WCAG AA × Fail

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 76.8457, 77.8531, 89.5742 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

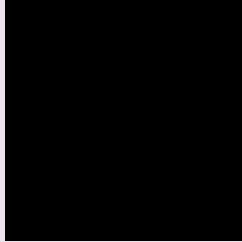
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

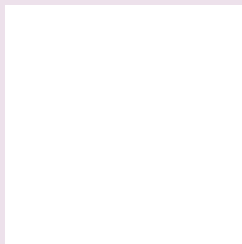
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.8457, 77.8531, 89.5742

Background



This preview shows how black text looks on a background with the XYZ color 76.8457, 77.8531, 89.5742.



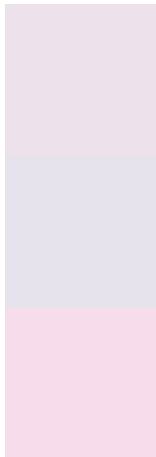
This preview shows how white text looks on a background with the XYZ color 76.8457, 77.8531,

89.5742.

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

76.8457, 77.8531, 89.5742

Protanopia

75.2425, 77.8173, 90.4114

Deuteranopia

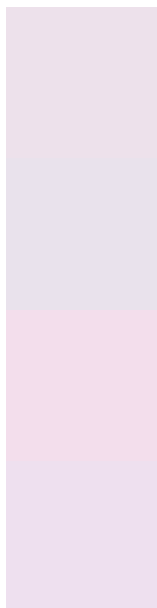
79.3545, 77.5432, 90.1418



Tritanopia

77.9426, 77.8993, 94.9324

Trichromacy



Original Color

76.8457, 77.8531, 89.5742

Protanomaly

75.9410, 77.7725, 90.3660

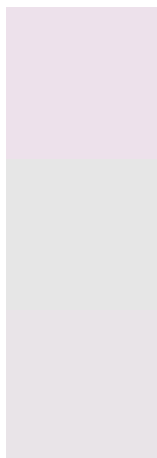
Deuteranomaly

78.2237, 77.3534, 90.1647

Tritanomaly

77.4955, 77.7204, 92.5784

Monochromacy



Original Color

76.8457, 77.8531, 89.5742

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.9132, 78.6366, 87.5213

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.8457, 77.8531, 89.5742 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, 235) looks like.

```
.text, #text, p{  
    color:rgb(237, 225, 235)  
}
```

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, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 225, 235) }
```

Border

The CSS property to change the border of an element to XYZ 76.8457, 77.8531, 89.5742 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, 235) }
```


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

```
.border{ border-color:rgb(237, 225, 235) }
```

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, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 225, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 225, 235);  
box-shadow:4px 4px 4px 4px rgb(237, 225,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 76.8457, 77.8531, 89.5742 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, 235) }
```

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

```
.background{ background-color: rgb(237,  
225, 235) }
```

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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