

Converting Colors

XYZ(75.8096, 77.1269, 89.1104)

Have a look what the booklet for
XYZ(75.8096, 77.1269, 89.1104)
contains.

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Color

**XYZ(76.1816, 77.5108,
89.5431)**

Conversions

Conversions Part 1

Format	Color
Hex	EBE1EB
RGB	235, 225, 235
RGB Percent	92%, 88%, 92%
CMY	0.0784, 0.1176, 0.0784
CMYK	0.00, 0.04, 0.00, 0.08
HSL	300°, 20%, 90%
HSV	300°, 4%, 92%
XYZ	76.1816, 77.5108, 89.5431
YIQ	229.1300, 2.7500, 5.2300

Conversions

Conversions Part 2

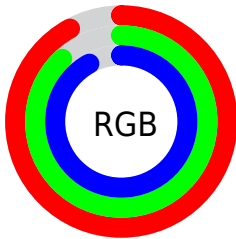
Format	Color
RYB	235, 225, 235
Decimal	15458795
CIELab	90.56, 5.16, -3.66
CIElCh	91, 6.325, 324.630
Yxy	77.5108, 0.3132, 0.3187
Android (android.graphics.Color)	4293648875 (0xFFEBE1EB)
YUV	229.1300, 2.8939, 5.1480
Hunter-Lab	88.0402, 0.3865, 1.3260

Details

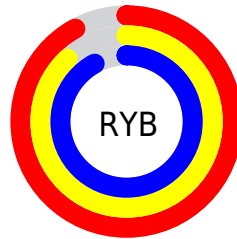
The XYZ color **76.1816, 77.5108, 89.5431** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.3533, 80.8626, 82.9275**, and the grayscale version is **74.5517, 78.4342, 85.4149**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.1018, 41.5878, 48.5088** is the 20% darker color. If you saturate the color by 10%, you get **70.2617, 65.6700, 87.5705**, and if you desaturate by 10%, it is **82.9803, 91.1069, 91.8105**.

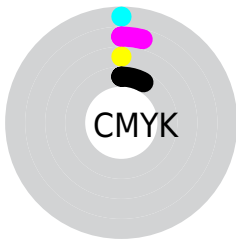
Distribution



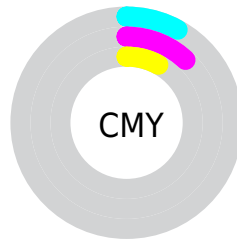
- Red (92%)
- Green (88%)
- Blue (92%)



- 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 76.1816, 77.5108, 89.5431 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 76.1816, 77.5108, 89.5431 by changing the saturation by 10% instead.

76.1816, 77.5108,
89.5431

76.1816, 77.5108,
89.5431

470.9040,
486.5039, 547.0752

56.8790, 57.6722,
67.0302

126.9626,
129.8603, 148.6335

41.1479, 41.5452,
48.6474

159.1716,
163.1399, 186.0482

28.6228, 28.7453,
33.9762

196.4136,
201.6688, 229.2671

18.9385, 18.8882,
22.5981

239.0538,
245.8311, 278.7088

11.7296, 11.5896,
14.0945

287.4576,
296.0114, 334.7920

6.6307, 6.4649,
8.0470

341.9903,

3.2765, 3.1297,

352.5940, 397.9351

4.0368

403.0173,
415.9634, 468.5566

■ 1.3016, 1.1998,
1.6456

■ 0.1844, 0.0616,
0.3230

■ 76.1816, 77.5108,
89.5431

■ 76.1816, 77.5108,
89.5431

■ 70.2617, 65.6700,
87.5705

■ 82.9803, 91.1069,
91.8105

■ 65.1784, 55.5035,
85.8758

■ 85.0172, 95.1807,
92.4898

■ 60.8961, 46.9389,
84.4480

■ 85.0173, 95.1808,
92.4901

■ 57.3738, 39.8945,
83.2737

■ 85.0173, 95.1808,
92.4904

■ 54.5673, 34.2815,
82.3379

■ 85.0174, 95.1808,
92.4907

■ 52.4274, 30.0019,
81.6243

■ 85.0174, 95.1808,
92.4910

■ 50.8991, 26.9454,
81.1146

■ 85.0175, 95.1808,
92.4913

■ 49.9184, 24.9839,
80.7874

■ 85.0176, 95.1809,
92.4916

■ 49.4070, 23.9614,
80.6167

■ 85.0176, 95.1809,
92.4919

Harmonies

Analogous

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



74.9475, 77.5108, 92.5705



76.1816, 77.5108, 89.5431



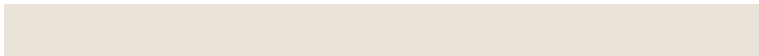
76.7438, 77.5108, 85.2145

Triad

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



76.1816, 77.5108, 89.5431



73.9569, 77.5108, 76.0115



70.9394, 77.5108, 88.0813

Complementary

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



76.1816, 77.5108, 89.5431



74.3533, 80.8626, 82.9275

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.



70.6827, 77.5108, 83.5830



76.1816, 77.5108, 89.5431



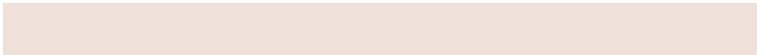
72.4105, 77.5108, 76.7177

Square

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



76.1816, 77.5108, 89.5431



75.4476, 77.5108, 77.4857



71.2175, 77.5108, 79.4502



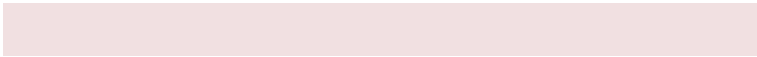
71.9239, 77.5108, 91.7056

Rectangle

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



76.1816, 77.5108, 89.5431



76.6561, 77.5108, 82.2134



71.2175, 77.5108, 79.4502



70.7658, 77.5108, 86.6170

Sweetspot

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



76.1838, 77.5141, 89.5448



94.2419, 98.3838, 108.6306



72.9754, 75.8602, 89.3948



20.1802, 21.0752, 23.2543



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.



76.1838, 77.5141, 89.5448



91.1166, 92.1332, 107.5887



75.4717, 77.2293, 85.7945



16.2093, 16.3026, 19.2146



27.4131, 13.1679, 44.8382



2.1526, 1.0340, 3.5209

Inverse Universe

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



76.1838, 77.5141, 89.5448



91.1166, 92.1332, 107.5887



75.0453, 81.1394, 86.5717



16.2093, 16.3026, 19.2146



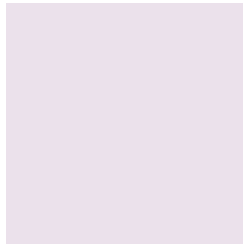
27.4131, 13.1679, 44.8382



2.1526, 1.0340, 3.5209

Previews

White Background



This preview shows how the XYZ color 76.1816, 77.5108, 89.5431 looks on a white background.

Color Contrast Check

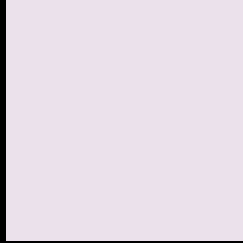
Large Text (above 18pt) WCAG AA × Fail

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 76.1816, 77.5108, 89.5431 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

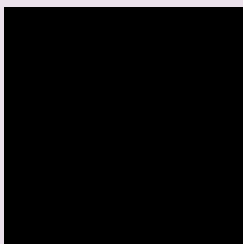
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

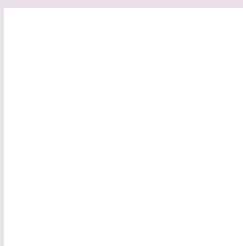
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.1816, 77.5108, 89.5431

Background



This preview shows how black text looks on a background with the XYZ color 76.1816, 77.5108, 89.5431.



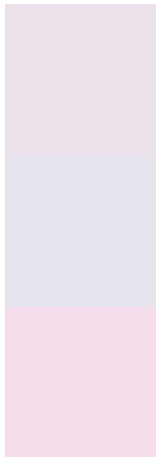
This preview shows how white text looks on a background with the XYZ color 76.1816, 77.5108,

89.5431.

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

76.1816, 77.5108, 89.5431

Protanopia

75.2425, 77.8173, 90.4114

Deuteranopia

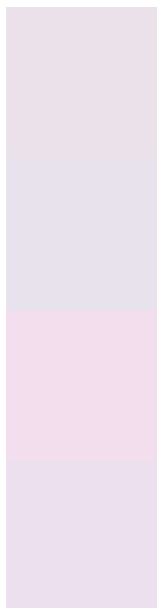
79.0028, 77.3619, 90.1253



Tritanopia

77.2747, 77.5550, 94.9012

Trichromacy



Original Color

76.1816, 77.5108, 89.5431

Protanomaly

75.6154, 77.6046, 90.3507

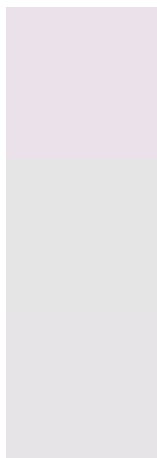
Deuteranomaly

77.8795, 77.1759, 90.1486

Tritanomaly

76.8277, 77.3762, 92.5472

Monochromacy



Original Color

76.1816, 77.5108, 89.5431

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 76.1816, 77.5108, 89.5431 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, 235) looks like.

```
.text, #text, p{  
    color:rgb(235, 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(235, 225, 235) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 76.1816, 77.5108, 89.5431 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, 235) }
```


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

```
.border{ border-color:rgb(235, 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(235, 225, 235)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 76.1816, 77.5108, 89.5431 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, 235) }
```

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

```
.background{ background-color: rgb(235,  
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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