

Converting Colors

XYZ(72.0951, 76.5004, 78.1141)

Have a look what the booklet for
XYZ(72.0951, 76.5004, 78.1141)
contains.

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Color

**XYZ(71.9338, 76.3835,
77.9700)**

Conversions

Conversions Part 1

Format	Color
Hex	E3E3DB
RGB	227, 227, 219
RGB Percent	89%, 89%, 86%
CMY	0.1098, 0.1098, 0.1412
CMYK	0.00, 0.00, 0.04, 0.11
HSL	60°, 13%, 87%
HSV	60°, 4%, 89%
XYZ	71.9338, 76.3835, 77.9700
YIQ	226.0880, 2.5680, -2.4880

Conversions

Conversions Part 2

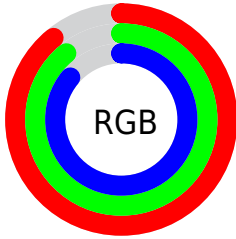
Format	Color
R _Y B	219, 227, 219
Decimal	14935003
CIE Lab	90.04, -1.40, 3.89
CIE LCh	90, 4.137, 109.823
Yxy	76.3835, 0.3179, 0.3376
Android (android.graphics.Color)	4293125083 (0xFFE3E3DB)
YUV	226.0880, -3.4944, 0.7998
Hunter-Lab	87.3977, -6.0291, 8.2840

Details

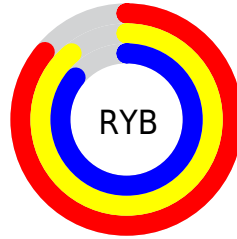
The XYZ color **71.9338, 76.3835, 77.9700** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.4130, 71.2712, 82.8279**, and the grayscale version is **72.3774, 76.1466, 82.9237**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.4666, 40.9560, 40.9999** is the 20% darker color. If you saturate the color by 10%, you get **69.1440, 75.2696, 63.2886**, and if you desaturate by 10%, it is **75.1355, 77.6671, 94.8012**.

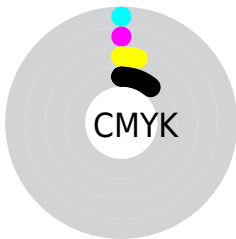
Distribution



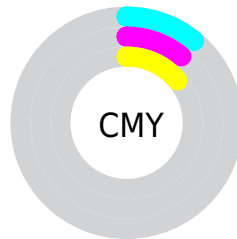
- Red (89%)
- Green (89%)
- Blue (86%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (4%)
- Black (11%)



- Cyan (11%)
- Magenta (11%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.9338, 76.3835, 77.9700 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 71.9338, 76.3835, 77.9700 by changing the saturation by 10% instead.

■ 71.9338, 76.3835,
77.9700

■ 71.9338, 76.3835,
77.9700

456.4724,
482.6595, 507.5902

■ 53.3899, 56.7470,
57.5330

120.9737,
128.2689, 132.2933

■ 38.3428, 40.8022,
41.0211

152.2004,
161.2865, 167.0167

■ 26.4273, 28.1645,
28.0158

188.3854,
199.5334, 207.3394

■ 17.2779, 18.4497,
18.0984

229.8941,
243.3939, 253.6798

■ 10.5294, 11.2733,
10.8505

277.0917,
293.2523, 306.4566

■ 5.8163, 6.2510,
5.8535

330.3438,

■ 2.7733, 2.9983,

349.4931, 366.0882

2.6888

390.0155,
412.5007, 432.9932

■ 1.0350, 1.1308,
0.9378

■ 0.0000, 0.0041,
0.0000

■ 71.9338, 76.3835,
77.9700

■ 71.9338, 76.3835,
77.9700

■ 69.1440, 75.2696,
63.2886

■ 75.1355, 77.6671,
94.8012

■ 66.7432, 74.3089,
50.6658

■ 77.2069, 78.4960,
105.6898

■ 64.7163, 73.4977,
40.0112

■ 77.2106, 78.4979,
105.6899

■ 63.0442, 72.8284,
31.2255

■ 77.2143, 78.4998,
105.6901

61.7066, 72.2930,
24.2011

77.2180, 78.5017,
105.6903

60.6810, 71.8823,
18.8193

77.2217, 78.5036,
105.6904

59.9419, 71.5862,
14.9468

77.2253, 78.5055,
105.6906

59.4603, 71.3931,
12.4295

77.2290, 78.5075,
105.6908

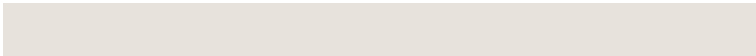
59.2004, 71.2888,
11.0806

77.2327, 78.5094,
105.6910

Harmonies

Analogous

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



72.9491, 76.3835, 77.7349



71.9338, 76.3835, 77.9700



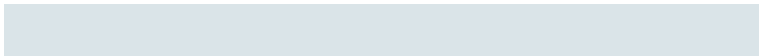
71.1045, 76.3835, 79.5794

Triad

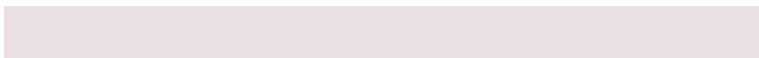
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.9338, 76.3835, 77.9700



71.3359, 76.3835, 87.5571



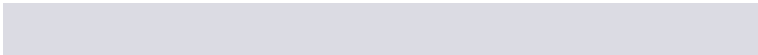
74.5578, 76.3835, 84.1701

Complementary

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



71.9338, 76.3835, 77.9700



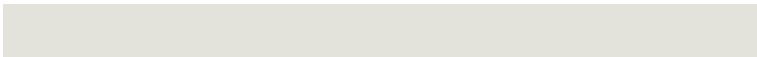
68.4130, 71.2712, 82.8279

Split Complementary

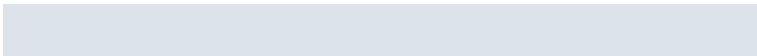
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.1168, 76.3835, 86.8642



71.9338, 76.3835, 77.9700



72.2525, 76.3835, 88.8499

Square

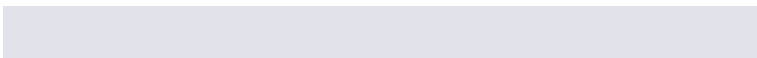
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



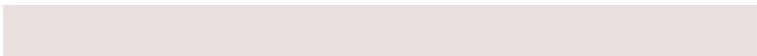
71.9338, 76.3835, 77.9700



70.7616, 76.3835, 85.0978



73.2708, 76.3835, 88.5934



74.4705, 76.3835, 81.2688

Rectangle

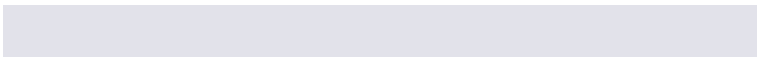
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.9338, 76.3835, 77.9700



70.7657, 76.3835, 81.2366



73.2708, 76.3835, 88.5934



74.4662, 76.3835, 85.1311

Sweetspot

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



71.9359, 76.3868, 77.9717



94.6416, 99.8366, 106.7520



69.7986, 72.1102, 77.2588



20.2615, 21.3709, 22.8720



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.



71.9359, 76.3868, 77.9717



93.4490, 99.3594, 100.4792



70.6895, 75.7442, 77.9133



15.9003, 16.9366, 16.9026



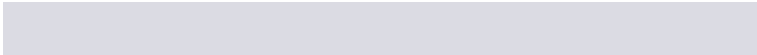
34.4740, 41.5535, 6.2036



2.5477, 3.0708, 0.4584

Inverse Universe

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



68.4130, 71.2712, 82.8279



88.2302, 91.7813, 107.6731



69.6303, 71.8988, 82.8849



14.8587, 15.4242, 18.3384



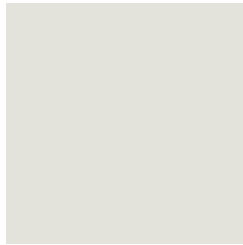
8.0873, 3.2351, 42.5814



0.5979, 0.2392, 3.1466

Previews

White Background



This preview shows how the XYZ color 71.9338, 76.3835, 77.9700 looks on a white background.

Color Contrast Check

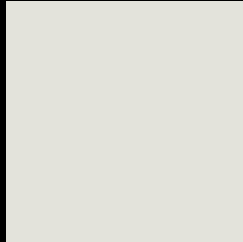
Large Text (above 18pt) WCAG AA × Fail

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 71.9338, 76.3835, 77.9700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

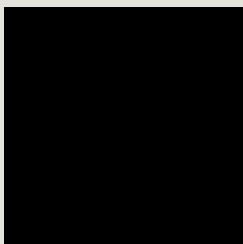
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

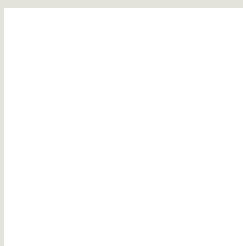
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.9338, 76.3835, 77.9700

Background



This preview shows how black text looks on a background with the XYZ color 71.9338, 76.3835, 77.9700.



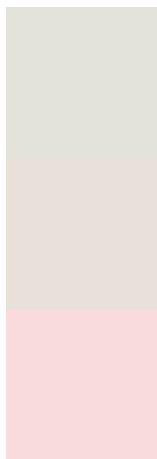
This preview shows how white text looks on a background with the XYZ color 71.9338, 76.3835,

77.9700.

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

71.9338, 76.3835, 77.9700

Protanopia

72.8588, 76.0682, 77.1722

Deuteranopia

77.8070, 76.2075, 79.0153



Tritanopia

75.1660, 76.4852, 94.0205

Trichromacy



Original Color

71.9338, 76.3835, 77.9700

Protanomaly

72.4844, 76.2777, 77.2324

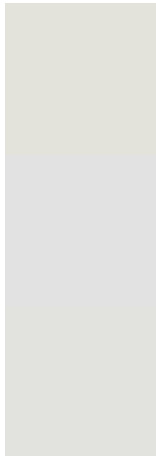
Deuteranomaly

75.6575, 76.2871, 78.4475

Tritanomaly

73.9463, 76.3916, 87.9385

Monochromacy



Original Color

71.9338, 76.3835, 77.9700

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

71.8797, 75.8892, 80.6716

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.9338, 76.3835, 77.9700 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(227, 227, 219)` looks like.

```
.text, #text, p{  
    color:rgb(227, 227, 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(227, 227, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 227, 219) }
```

Border

The CSS property to change the border of an element to XYZ 71.9338, 76.3835, 77.9700 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(227, 227, 219) }
```


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

```
.border{ border-color:rgb(227, 227, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 227, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 227, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 227, 219);  
box-shadow:4px 4px 4px 4px rgb(227, 227,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 71.9338, 76.3835, 77.9700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 227, 219) }
```

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

```
.background{ background-color: rgb(227,  
227, 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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