

Converting Colors

XYZ(71.6125, 76.7711, 72.6737)

Have a look what the booklet for
XYZ(71.6125, 76.7711, 72.6737)
contains.

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Color

**XYZ(71.4962, 76.6839,
72.6612)**

Conversions

Conversions Part 1

Format	Color
Hex	E4E4D3
RGB	228, 228, 211
RGB Percent	89%, 89%, 83%
CMY	0.1059, 0.1059, 0.1725
CMYK	0.00, 0.00, 0.07, 0.11
HSL	60°, 24%, 86%
HSV	60°, 7%, 89%
XYZ	71.4962, 76.6839, 72.6612
YIQ	226.0620, 5.4570, -5.2870

Conversions

Conversions Part 2

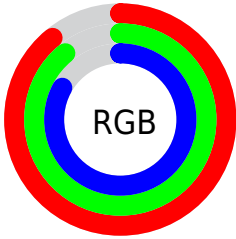
Format	Color
R _Y B	211, 228, 211
Decimal	15000787
CIE Lab	90.18, -2.93, 8.29
CIE LCh	90, 8.789, 109.452
Yxy	76.6839, 0.3237, 0.3472
Android (android.graphics.Color)	4293190867 (0xFFE4E4D3)
YUV	226.0620, -7.4256, 1.6996
Hunter-Lab	87.5693, -7.5096, 12.1023

Details

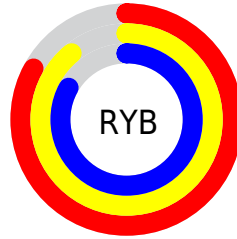
The XYZ color **71.4962, 76.6839, 72.6612** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.1647, 66.0408, 82.7681**, and the grayscale version is **72.3846, 76.1542, 82.9320**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.1779, 41.1717, 37.3872** is the 20% darker color. If you saturate the color by 10%, you get **68.8373, 75.6226, 58.6592**, and if you desaturate by 10%, it is **74.5649, 77.9141, 88.8019**.

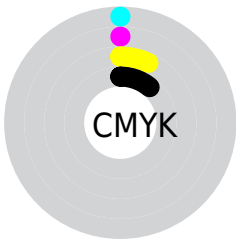
Distribution



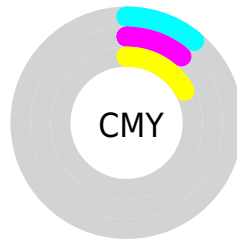
- Red (89%)
- Green (89%)
- Blue (83%)



- Red (83%)
- Yellow (89%)
- Blue (83%)



- Cyan (0%)
- Magenta (0%)
- Yellow (7%)
- Black (11%)



- Cyan (11%)
- Magenta (11%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.4962, 76.6839, 72.6612 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 71.4962, 76.6839, 72.6612 by changing the saturation by 10% instead.

■ 71.4962, 76.6839,
72.6612

■ 71.4962, 76.6839,
72.6612

454.9710,
483.6856, 488.8790

■ 53.0312, 56.9935,
53.2088

120.3547,
128.6932, 124.7126

■ 38.0553, 41.0000,
37.5806

151.4789,
161.7808, 158.1487

■ 26.2030, 28.3191,
25.3581

187.5535,
200.1030, 197.0831

■ 17.1090, 18.5663,
16.1226

228.9440,
244.0441, 241.9344

■ 10.4081, 11.3573,
9.4556

276.0156,
293.9885, 293.1211

■ 5.7347, 6.3077,
4.9387

329.1338,

■ 2.7235, 3.0331,

350.3206, 351.0617

2.1532

388.6638,
413.4249, 416.1748

■ 1.0093, 1.1490,
0.6472

■ 0.0000, 0.0195,
0.0000

■ 71.4962, 76.6839,
72.6612

■ 71.4962, 76.6839,
72.6612

■ 68.8373, 75.6226,
58.6592

■ 74.5649, 77.9141,
88.8019

■ 66.5647, 74.7134,
46.7016

■ 77.7938, 79.2058,
105.7958

■ 64.6626, 73.9523,
36.6942

■ 77.7956, 79.2068,
105.7959

■ 63.1111, 73.3315,
28.5336

■ 77.7973, 79.2077,
105.7960

61.8890, 72.8425,
22.1071

77.7991, 79.2086,
105.7961

60.9723, 72.4756,
17.2893

77.8009, 79.2095,
105.7962

60.3342, 72.2201,
13.9381

77.8027, 79.2104,
105.7962

59.9428, 72.0634,
11.8868

77.8044, 79.2113,
105.7963

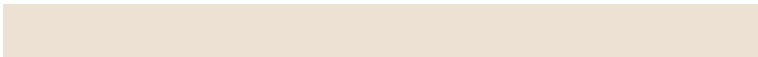
59.7560, 71.9885,
10.9121

77.8062, 79.2122,
105.7964

Harmonies

Analogous

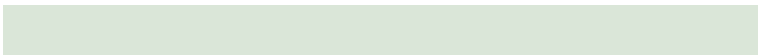
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.6572, 76.6839, 72.2216



71.4962, 76.6839, 72.6612



69.7411, 76.6839, 75.9189

Triad

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



71.4962, 76.6839, 72.6612



70.1898, 76.6839, 92.9718



77.0926, 76.6839, 85.7167

Complementary

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



71.4962, 76.6839, 72.6612



64.1647, 66.0408, 82.7681

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.



76.1235, 76.6839, 91.5606



71.4962, 76.6839, 72.6612



72.1197, 76.6839, 95.8860

Square

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



71.4962, 76.6839, 72.6612



68.9974, 76.6839, 87.5652



74.2932, 76.6839, 95.3571



76.9175, 76.6839, 79.5543

Rectangle

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



71.4962, 76.6839, 72.6612



69.0238, 76.6839, 79.3452



74.2932, 76.6839, 95.3571



76.8891, 76.6839, 87.7885

Sweetspot

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



71.4983, 76.6872, 72.6629



94.2392, 99.6756, 104.6327



67.0494, 67.7875, 71.1795



20.1796, 21.3381, 22.4404



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.



71.4983, 76.6872, 72.6629



91.5705, 98.6080, 90.5881



68.8681, 75.3313, 72.5398



15.6013, 16.8171, 15.3282



34.4850, 41.5592, 6.2042



2.5484, 3.0711, 0.4585

Inverse Universe

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



64.1647, 66.0408, 82.7681



80.2175, 82.1265, 106.2318



66.6642, 67.3294, 82.8851



13.5832, 13.8874, 18.1089



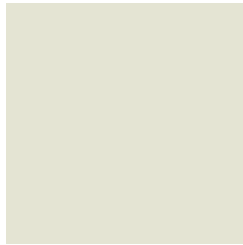
8.0867, 3.2348, 42.5813



0.5977, 0.2391, 3.1466

Previews

White Background



This preview shows how the XYZ color 71.4962, 76.6839, 72.6612 looks on a white background.

Color Contrast Check

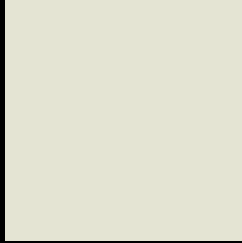
Large Text (above 18pt) WCAG AA × Fail

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 71.4962, 76.6839, 72.6612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

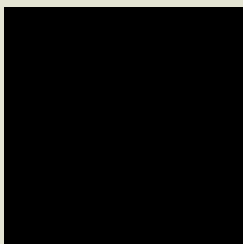
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

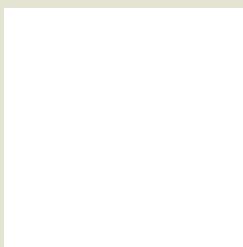
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.4962, 76.6839, 72.6612

Background



This preview shows how black text looks on a background with the XYZ color 71.4962, 76.6839, 72.6612.



This preview shows how white text looks on a background with the XYZ color 71.4962, 76.6839,

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

71.4962, 76.6839, 72.6612

Protanopia

73.0902, 76.7080, 71.9266

Deuteranopia

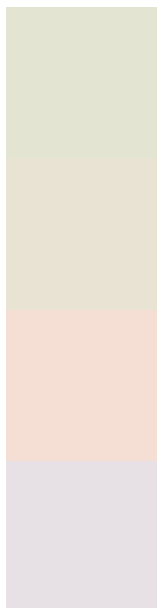
78.2148, 76.5380, 73.6017



Tritanopia

75.8115, 76.8180, 94.0507

Trichromacy



Original Color

71.4962, 76.6839, 72.6612

Protanomaly

72.3807, 76.7471, 71.9716

Deuteranomaly

75.6611, 76.4085, 73.0479

Tritanomaly

74.1631, 76.5525, 85.7302

Monochromacy



Original Color

71.4962, 76.6839, 72.6612

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.1988, 76.4895, 79.3653

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.4962, 76.6839, 72.6612 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(228, 228, 211)` looks like.

```
.text, #text, p{  
    color:rgb(228, 228, 211)  
}
```

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(228, 228, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 228, 211) }
```

Border

The CSS property to change the border of an element to XYZ 71.4962, 76.6839, 72.6612 is called "border". The border property can be set on classes, ids or directly on the HTML element.

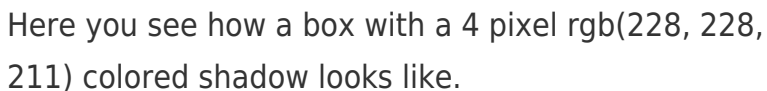
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(228, 228, 211) }
```


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

```
.border{ border-color:rgb(228, 228, 211) }
```

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



Here you see how a box with a 4 pixel `rgb(228, 228, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 228, 211); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 228, 211); box-shadow:4px 4px 4px 4px rgb(228, 228, 211) }
```

Background

The CSS property to change the background color of an element to XYZ 71.4962, 76.6839, 72.6612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 228, 211) }
```

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

```
.background{ background-color: rgb(228,  
228, 211) }
```

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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