

Converting Colors

XYZ(71.5142, 76.4809, 73.8946)

Have a look what the booklet for
XYZ(71.5142, 76.4809, 73.8946)
contains.

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Color

**XYZ(71.7486, 76.7849,
73.9902)**

Conversions

Conversions Part 1

Format	Color
Hex	E4E4D5
RGB	228, 228, 213
RGB Percent	89%, 89%, 84%
CMY	0.1059, 0.1059, 0.1647
CMYK	0.00, 0.00, 0.07, 0.11
HSL	60°, 22%, 86%
HSV	60°, 7%, 89%
XYZ	71.7486, 76.7849, 73.9902
YIQ	226.2900, 4.8150, -4.6650

Conversions

Conversions Part 2

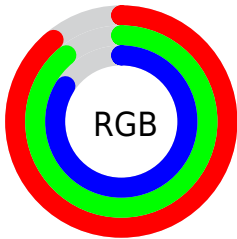
Format	Color
R _Y B	213, 228, 213
Decimal	15000789
CIE Lab	90.22, -2.59, 7.31
CIE LCh	90, 7.755, 109.536
Yxy	76.7849, 0.3224, 0.3451
Android (android.graphics.Color)	4293190869 (0xFFE4E4D5)
YUV	226.2900, -6.5520, 1.4997
Hunter-Lab	87.6270, -7.1922, 11.2758

Details

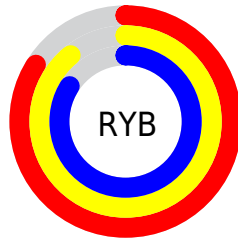
The XYZ color **71.7486, 76.7849, 73.9902** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.2413, 67.3381, 82.9618**, and the grayscale version is **72.5439, 76.3218, 83.1145**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.3487, 41.2400, 38.2867** is the 20% darker color. If you saturate the color by 10%, you get **69.0545, 75.7095, 59.8044**, and if you desaturate by 10%, it is **74.8539, 78.0297, 90.3223**.

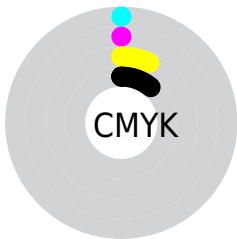
Distribution



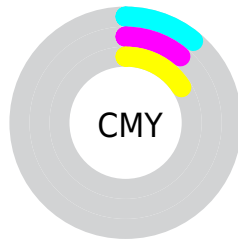
- Red (89%)
- Green (89%)
- Blue (84%)



- Red (84%)
- Yellow (89%)
- Blue (84%)



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



- Cyan (11%)
- Magenta (11%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.7486, 76.7849, 73.9902 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 71.7486, 76.7849, 73.9902 by changing the saturation by 10% instead.

■ 71.7486, 76.7849,
73.9902

■ 71.7486, 76.7849,
73.9902

455.8373,
484.0303, 493.6020

■ 53.2381, 57.0764,
54.2893

120.7118,
128.8358, 126.6158

■ 38.2211, 41.0665,
38.4382

151.8951,
161.9469, 160.3776

■ 26.3323, 28.3711,
26.0185

188.0335,
200.2944, 199.6634

■ 17.2064, 18.6056,
16.6116

229.4921,
244.2626, 244.8918

■ 10.4780, 11.3856,
9.7989

276.6365,
294.2359, 296.4814

■ 5.7817, 6.3268,
5.1620

329.8319,

■ 2.7522, 3.0448,

350.5987, 354.8506

2.2822

389.4437,
413.7353, 420.4179

■ 1.0241, 1.1552,
0.7212

■ 0.0000, 0.0246,
0.0000

■ 71.7486, 76.7849,
73.9902

■ 71.7486, 76.7849,
73.9902

■ 69.0545, 75.7095,
59.8044

■ 74.8539, 78.0297,
90.3223

■ 66.7484, 74.7868,
47.6710

■ 77.7943, 79.2061,
105.7959

■ 64.8142, 74.0129,
37.4965

■ 77.7964, 79.2072,
105.7960

■ 63.2326, 73.3800,
29.1783

■ 77.7984, 79.2082,
105.7960

61.9822, 72.8797,
22.6045

77.8004, 79.2093,
105.7961

61.0395, 72.5023,
17.6509

77.8024, 79.2103,
105.7962

60.3778, 72.2375,
14.1773

77.8045, 79.2114,
105.7963

59.9661, 72.0725,
12.0195

77.8065, 79.2124,
105.7964

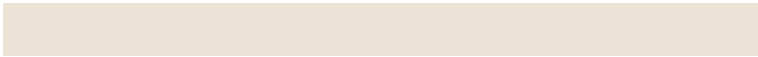
59.7647, 71.9917,
10.9697

77.8085, 79.2135,
105.7965

Harmonies

Analogous

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



73.6574, 76.7849, 73.5901



71.7486, 76.7849, 73.9902



70.1964, 76.7849, 76.9006

Triad

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



71.7486, 76.7849, 73.9902



70.6014, 76.7849, 91.9495



76.6897, 76.7849, 85.5495

Complementary

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



71.7486, 76.7849, 73.9902



65.2413, 67.3381, 82.9618

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.



75.8398, 76.7849, 90.6896



71.7486, 76.7849, 73.9902



72.3103, 76.7849, 94.4911

Square

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



71.7486, 76.7849, 73.9902



69.5422, 76.7849, 87.2079



74.2289, 76.7849, 94.0201



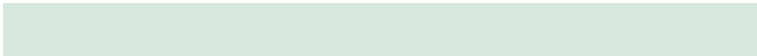
76.5329, 76.7849, 80.1040

Rectangle

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



71.7486, 76.7849, 73.9902



69.5620, 76.7849, 79.9471



74.2289, 76.7849, 94.0201



76.5117, 76.7849, 87.3743

Sweetspot

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



71.7507, 76.7882, 73.9919



94.2391, 99.6756, 104.6327



67.8018, 68.8884, 72.6752



20.1795, 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.



71.7507, 76.7882, 73.9919



91.9355, 98.7540, 92.5105



69.4233, 75.5884, 73.8829



15.6012, 16.8170, 15.3282



34.4836, 41.5584, 6.2041



2.5483, 3.0711, 0.4585

Inverse Universe

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



65.2413, 67.3381, 82.9618



81.7748, 84.0030, 106.5119



67.4669, 68.4854, 83.0660



13.5833, 13.8874, 18.1090



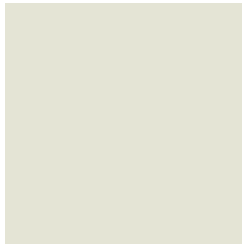
8.0868, 3.2348, 42.5813



0.5977, 0.2391, 3.1466

Previews

White Background



This preview shows how the XYZ color 71.7486, 76.7849, 73.9902 looks on a white background.

Color Contrast Check

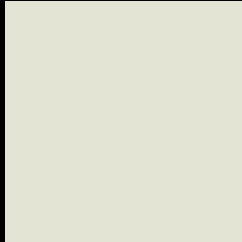
Large Text (above 18pt) WCAG AA × Fail

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 71.7486, 76.7849, 73.9902 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

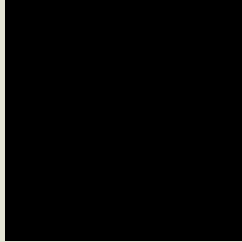
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

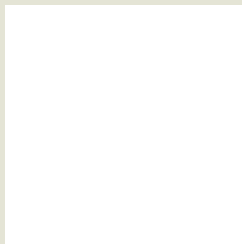
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.7486, 76.7849, 73.9902

Background



This preview shows how black text looks on a background with the XYZ color 71.7486, 76.7849, 73.9902.

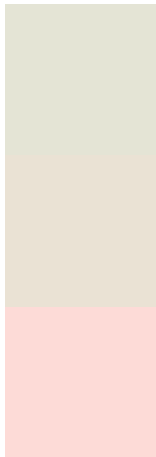


This preview shows how white text looks on a background with the XYZ color 71.7486, 76.7849,

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

71.7486, 76.7849, 73.9902

Protanopia

73.0117, 76.6386, 73.2320

Deuteranopia

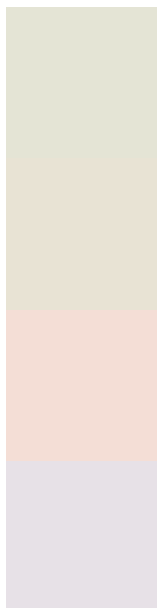
78.1053, 76.4520, 74.9301



Tritanopia

75.8115, 76.8180, 94.0507

Trichromacy



Original Color

71.7486, 76.7849, 73.9902

Protanomaly

72.6315, 76.8474, 73.2923

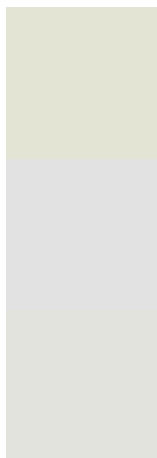
Deuteranomaly

75.5671, 76.3307, 74.3688

Tritanomaly

74.3040, 76.6089, 86.4721

Monochromacy



Original Color

71.7486, 76.7849, 73.9902

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 71.7486, 76.7849, 73.9902 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, 213) looks like.

```
.text, #text, p{  
    color:rgb(228, 228, 213)  
}
```

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, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 228, 213) }
```

Border

The CSS property to change the border of an element to XYZ 71.7486, 76.7849, 73.9902 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, 213) }
```


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

```
.border{ border-color:rgb(228, 228, 213) }
```

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, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 228, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 228, 213);  
box-shadow:4px 4px 4px 4px rgb(228, 228,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 71.7486, 76.7849, 73.9902 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, 213) }
```

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

```
.background{ background-color: rgb(228,  
228, 213) }
```

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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