

# Converting Colors

XYZ(71.1003, 74.3459, 76.3724)

Have a look what the booklet for  
XYZ(71.1003, 74.3459, 76.3724)  
contains.

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# Color

**XYZ(71.2252, 74.4431,  
76.2606)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E5DFD9
RGB	229, 223, 217
RGB Percent	90%, 87%, 85%
CMY	0.1020, 0.1255, 0.1490
CMYK	0.00, 0.03, 0.05, 0.10
HSL	30°, 19%, 87%
HSV	30°, 5%, 90%
XYZ	71.2252, 74.4431, 76.2606
YIQ	224.1100, 5.5020, -0.5940

# Conversions

## Conversions Part 2

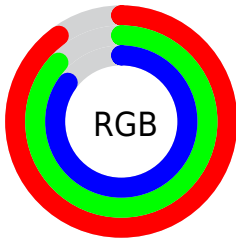
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	229, 229, 217
Decimal	15065049
CIE Lab	89.13, 1.00, 3.65
CIE LCh	89, 3.782, 74.674
Yxy	74.4431, 0.3209, 0.3354
Android (android.graphics.Color)	4293255129 (0xFFE5DFD9)
YUV	224.1100, -3.5052, 4.2885
Hunter-Lab	86.2804, -3.6375, 7.9917

# Details

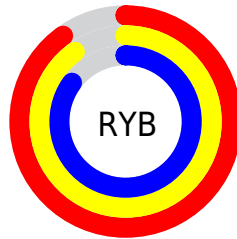
The XYZ color **71.2252, 74.4431, 76.2606** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.1458, 73.1833, 84.6112**, and the grayscale version is **70.9534, 74.6486, 81.2923**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.9798, 39.6126, 39.8267** is the 20% darker color. If you saturate the color by 10%, you get **65.4969, 67.4265, 60.6612**, and if you desaturate by 10%, it is **77.5777, 82.0448, 94.1090**.

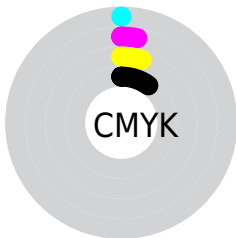
# Distribution



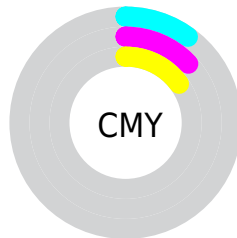
- Red (90%)
- Green (87%)
- Blue (85%)



- Red (90%)
- Yellow (90%)
- Blue (85%)



- Cyan (0%)
- Magenta (3%)
- Yellow (5%)
- Black (10%)



- Cyan (10%)
- Magenta (13%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 71.2252, 74.4431, 76.2606 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 71.2252, 74.4431, 76.2606 by changing the saturation by 10% instead.



■ 71.2252, 74.4431,  
76.2606

■ 71.2252, 74.4431,  
76.2606

454.0399,  
476.0012, 501.6099

■ 52.8092, 55.1568,  
56.1383

119.9711,  
125.5237, 129.8587

■ 37.8773, 39.5273,  
39.9091

151.0317,  
158.0868, 164.1715

■ 26.0643, 27.1701,  
27.1544

187.0379,  
195.8443, 204.0516

■ 17.0047, 17.7010,  
17.4558

228.3550,  
239.1806, 249.9175

■ 10.3331, 10.7356,  
10.3946

275.3484,  
288.4800, 302.1877

■ 5.6844, 5.8893,  
5.5523

328.3834,

■ 2.6929, 2.7779,

344.1270, 361.2809

2.5105

387.8255,  
406.5059, 427.6154

■ 0.9935, 1.0169,  
0.8457

■ 0.0000, 0.0000,  
0.0000

■ 71.2252, 74.4431,  
76.2606

■ 71.2252, 74.4431,  
76.2606

■ 65.4969, 67.4265,  
60.6612

■ 77.5777, 82.0448,  
94.1090

■ 60.3656, 60.9704,  
47.2156

■ 83.2861, 89.7233,  
107.5364

■ 55.8110, 55.0625,  
35.8287

■ 86.1236, 95.3983,  
108.4822

■ 51.8095, 49.6863,  
26.3964

■ 48.3352, 44.8245,  
18.8054

■ 45.3602, 40.4583,  
12.9308

■ 42.8531, 36.5677,  
8.6315

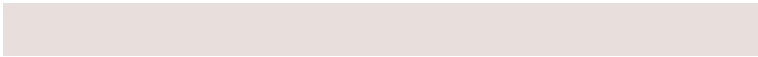
■ 40.7782, 33.1302,  
5.7438

■ 39.0925, 30.1203,  
4.0670

# Harmonies

## Analogous

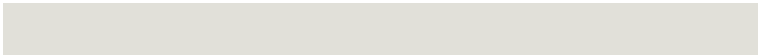
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.0232, 74.4431, 77.5409



71.2252, 74.4431, 76.2606



70.3081, 74.4431, 76.2463

# Triad

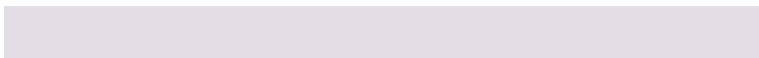
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.2252, 74.4431, 76.2606



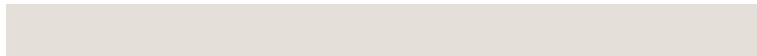
69.0560, 74.4431, 82.3479



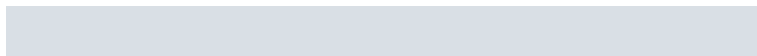
72.0088, 74.4431, 84.7175

# Complementary

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



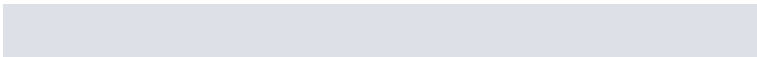
71.2252, 74.4431, 76.2606



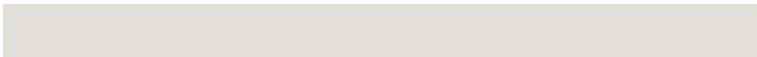
69.1458, 73.1833, 84.6112

# 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.



71.2056, 74.4431, 86.0636



71.2252, 74.4431, 76.2606



69.5036, 74.4431, 84.6755

# Square

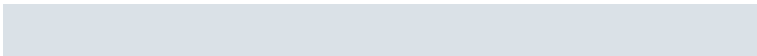
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.2252, 74.4431, 76.2606



69.0611, 74.4431, 79.7223



70.2887, 74.4431, 86.0481



72.4782, 74.4431, 82.4043



# Rectangle

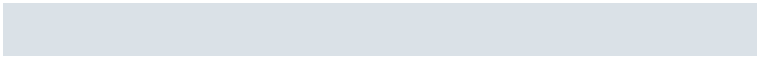
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



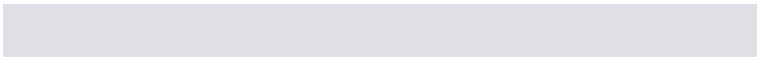
71.2252, 74.4431, 76.2606



69.7529, 74.4431, 76.9546



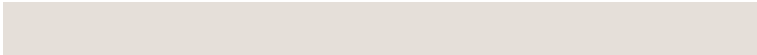
70.2887, 74.4431, 86.0481



71.7686, 74.4431, 85.3003

# Sweetspot

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



71.2273, 74.4463, 76.2622



93.4321, 98.0607, 104.3635



70.4463, 71.6126, 79.9228



20.0153, 21.0094, 22.3856



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

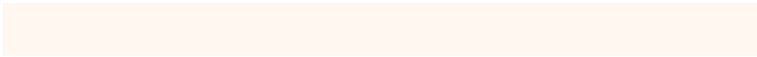


# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.2273, 74.4463, 76.2622



90.2931, 94.2723, 95.6420



72.8579, 77.7075, 76.8057



15.3321, 15.9949, 16.1114



22.0731, 16.7204, 2.0640

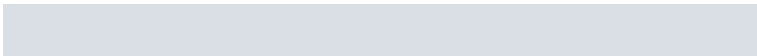


1.7240, 1.4214, 0.1835

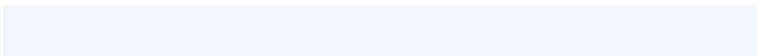


# Inverse Universe

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



69.1458, 73.1833, 84.6112



87.2498, 92.4256, 107.8491



67.5721, 70.0357, 84.0866



14.7648, 15.6507, 18.3870



11.6746, 10.4112, 43.7774

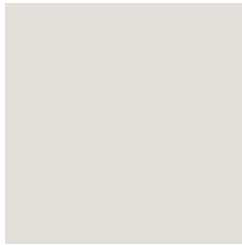


0.9556, 0.9551, 3.2660



# Previews

## White Background



This preview shows how the XYZ color 71.2252, 74.4431, 76.2606 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

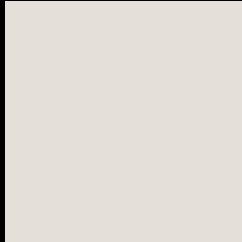
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 71.2252, 74.4431, 76.2606 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

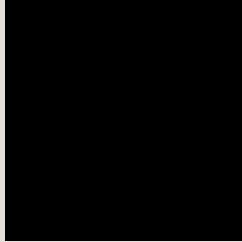
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

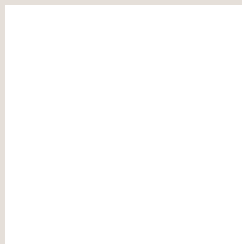
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 71.2252, 74.4431, 76.2606**

## **Background**



This preview shows how black text looks on a background with the XYZ color 71.2252, 74.4431, 76.2606.



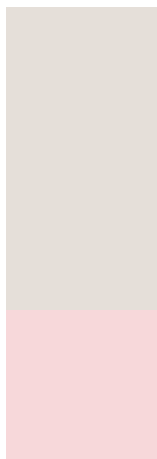
This preview shows how white text looks on a background with the XYZ color 71.2252, 74.4431,



# 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

71.2252, 74.4431, 76.2606

### Protanopia

71.2252, 74.4431, 76.2606

### Deuteranopia

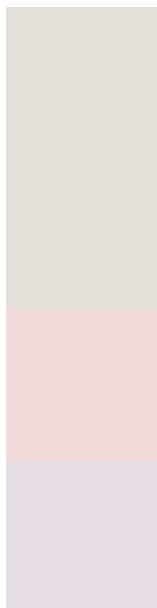
75.5685, 73.9478, 76.6201



## Tritanopia

74.1580, 74.4566, 90.5838

# Trichromacy



## Original Color

71.2252, 74.4431, 76.2606

## Protanomaly

71.2252, 74.4431, 76.2606

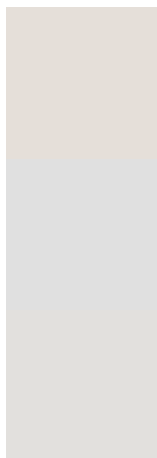
## Deuteranomaly

73.9216, 74.2503, 76.7653

## Tritanomaly

73.0944, 74.4150, 85.3740

# Monochromacy



## Original Color

71.2252, 74.4431, 76.2606

## Achromatopsia

70.8507, 74.5404, 81.1745

## Achromatomaly

71.0708, 74.7005, 79.0794

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 71.2252, 74.4431, 76.2606 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(229, 223, 217) looks like.

```
.text, #text, p{  
    color:rgb(229, 223, 217)  
}
```

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(229, 223, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 223, 217) }
```

## Border

The CSS property to change the border of an element to XYZ 71.2252, 74.4431, 76.2606 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(229, 223, 217) }
```



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

```
.border{ border-color:rgb(229, 223, 217) }
```

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

Here you see how a box with a 4 pixel rgb(229, 223, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 223, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 223, 217);  
box-shadow:4px 4px 4px 4px rgb(229, 223,  
217) }
```

# Background

The CSS property to change the background color of an element to XYZ 71.2252, 74.4431, 76.2606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 223, 217) }
```

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

```
.background{ background-color: rgb(229,  
223, 217) }
```

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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