

# Converting Colors

XYZ(69.0524, 73.3435, 71.3999)

Have a look what the booklet for  
XYZ(69.0524, 73.3435, 71.3999)  
contains.

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# Color

**XYZ(69.0719, 73.4360,  
71.5069)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E1DFD2
RGB	225, 223, 210
RGB Percent	88%, 87%, 82%
CMY	0.1176, 0.1255, 0.1765
CMYK	0.00, 0.01, 0.07, 0.12
HSL	52°, 20%, 85%
HSV	52°, 7%, 88%
XYZ	69.0719, 73.4360, 71.5069
YIQ	222.1160, 5.3650, -3.6190

# Conversions

## Conversions Part 2

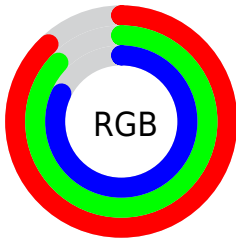
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	212, 225, 210
Decimal	14802898
CIE Lab	88.66, -1.57, 6.60
CIE LCh	89, 6.781, 103.398
Yxy	73.4360, 0.3227, 0.3431
Android (android.graphics.Color)	4292992978 (0xFFE1DFD2)
YUV	222.1160, -5.9732, 2.5293
Hunter-Lab	85.6948, -6.0910, 10.5126

# Details

The XYZ color **69.0719, 73.4360, 71.5069** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.7125, 66.2240, 80.6596**, and the grayscale version is **69.5530, 73.1752, 79.6878**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.5809, 38.9516, 37.0429** is the 20% darker color. If you saturate the color by 10%, you get **65.6713, 70.8094, 57.5021**, and if you desaturate by 10%, it is **72.8849, 76.2549, 87.5954**.

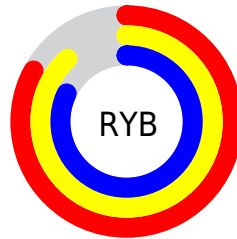
# Distribution



Red (88%)

Green (87%)

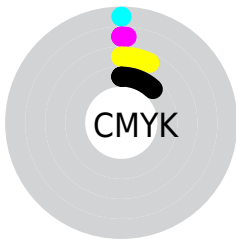
Blue (82%)



Red (83%)

Yellow (88%)

Blue (82%)

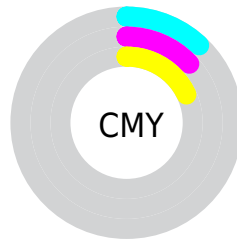


Cyan (0%)

Magenta (1%)

Yellow (7%)

Black (12%)



Cyan (12%)

Magenta (13%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 69.0719, 73.4360, 71.5069 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 69.0719, 73.4360, 71.5069 by changing the saturation by 10% instead.



■ 69.0719, 73.4360,  
71.5069

■ 69.0719, 73.4360,  
71.5069

446.6019,  
472.5245, 484.7548

■ 51.0471, 54.3325,  
52.2716

116.9178,  
124.0960, 123.0564

■ 36.4673, 38.8676,  
36.8379

147.4696,  
156.4213, 156.2077

■ 24.9671, 26.6567,  
24.7872

182.9278,  
193.9227, 194.8347

■ 16.1811, 17.3156,  
15.7010

223.6577,  
236.9845, 239.3560

■ 9.7441, 10.4598,  
9.1608

270.0247,  
285.9912, 290.1901

■ 5.2906, 5.7048,  
4.7479

322.3942,

■ 2.4552, 2.6664,

341.3272, 347.7556

2.0440

381.1315,  
403.3768, 412.4710

■ 0.8727, 0.9602,  
0.5821

■ 0.0000, 0.0000,  
0.0000

■ 69.0719, 73.4360,  
71.5069

■ 69.0719, 73.4360,  
71.5069

■ 65.6713, 70.8094,  
57.5021

■ 72.8849, 76.2549,  
87.5954

■ 62.6607, 68.3590,  
45.4900

■ 77.1193, 79.2628,  
105.8424

■ 60.0244, 66.0806,  
35.3802

■ 77.9549, 80.9341,  
106.1209

■ 57.7434, 63.9667,  
27.0731

■ 78.8049, 82.6340,  
106.4042

■ 55.7972, 62.0089,  
20.4602

■ 79.6693, 84.3628,  
106.6924

■ 54.1628, 60.1979,  
15.4214

■ 80.5482, 86.1206,  
106.9853

■ 52.8144, 58.5231,  
11.8207

■ 81.4417, 87.9076,  
107.2832

■ 51.7216, 56.9725,  
9.4991

■ 82.3498, 89.7238,  
107.5859

■ 50.8459, 55.5303,  
8.2539

■ 83.2726, 91.5694,  
107.8935

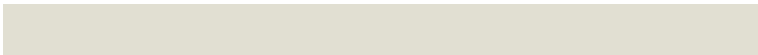
# Harmonies

## Analogous

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



70.7019, 73.4360, 71.6280



69.0719, 73.4360, 71.5069



67.6584, 73.4360, 73.5867

# Triad

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



69.0719, 73.4360, 71.5069



67.5366, 73.4360, 86.3141



72.8587, 73.4360, 82.5626

# Complementary

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



69.0719, 73.4360, 71.5069



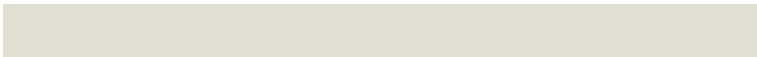
63.7125, 66.2240, 80.6596

# Split Complementary

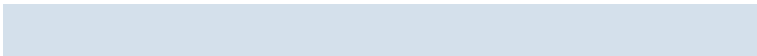
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.9837, 73.4360, 86.6896



69.0719, 73.4360, 71.5069



68.9033, 73.4360, 88.9128

# Square

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



69.0719, 73.4360, 71.5069



66.7814, 73.4360, 82.0664



70.5306, 73.4360, 89.0529

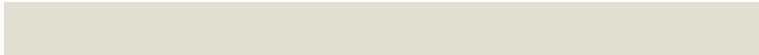


72.9056, 73.4360, 77.8886



# Rectangle

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



69.0719, 73.4360, 71.5069



67.0220, 73.4360, 75.9903



70.5306, 73.4360, 89.0529



72.6511, 73.4360, 84.0642

# Sweetspot

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



69.0739, 73.4392, 71.5085



94.0235, 99.2436, 104.5607



65.9827, 66.8554, 71.7152



20.1357, 21.2502, 22.4257



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.



69.0739, 73.4392, 71.5085



91.0777, 97.0352, 92.2240



67.9232, 73.6424, 71.6084



14.7081, 15.7021, 14.5624



29.2086, 31.8552, 4.6092



2.0683, 2.2955, 0.3341



# Inverse Universe

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



63.7125, 66.2240, 80.6596



82.5544, 85.5649, 106.7723



64.8097, 66.0535, 80.5689



13.0984, 13.5359, 17.3100



8.1462, 3.7620, 41.3451

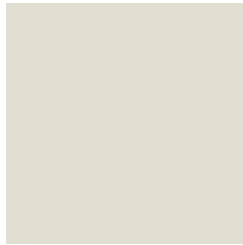


0.6128, 0.3571, 2.8819



# Previews

## White Background



This preview shows how the XYZ color 69.0719, 73.4360, 71.5069 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 69.0719, 73.4360, 71.5069 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

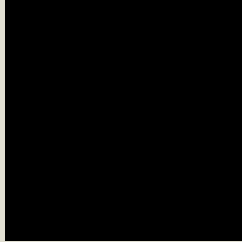
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

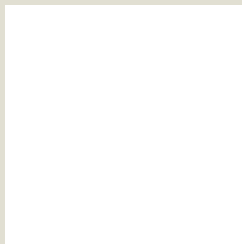
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 69.0719, 73.4360, 71.5069**

## **Background**



This preview shows how black text looks on a background with the XYZ color 69.0719, 73.4360, 71.5069.



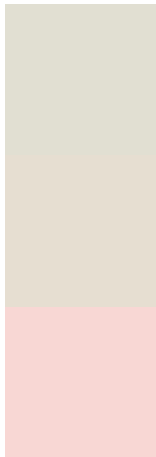
This preview shows how white text looks on a background with the XYZ color 69.0719, 73.4360,



# 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

69.0719, 73.4360, 71.5069

### Protanopia

70.2630, 73.6690, 70.8379

### Deuteranopia

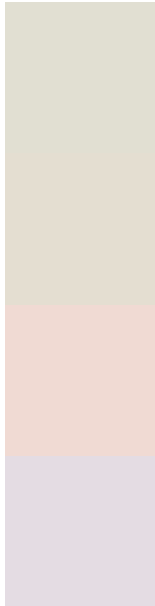
74.8955, 73.3108, 72.4903



## Tritanopia

72.7849, 73.3772, 89.6839

# Trichromacy



## Original Color

69.0719, 73.4360, 71.5069

## Protanomaly

69.6248, 73.3400, 70.8080

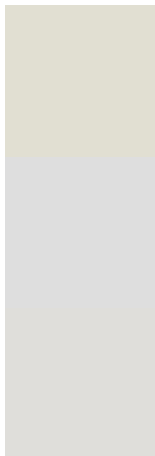
## Deuteranomaly

72.7645, 73.3712, 71.9550

## Tritanomaly

71.4532, 73.2264, 83.0412

# Monochromacy



## Original Color

69.0719, 73.4360, 71.5069

## Achromatopsia

69.4303, 73.0461, 79.5472

## Achromatomaly

69.2076, 72.9925, 76.7710

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 69.0719, 73.4360, 71.5069 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(225, 223, 210)` looks like.

```
.text, #text, p{  
    color:rgb(225, 223, 210)  
}
```

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(225, 223, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 223, 210) }
```

## Border

The CSS property to change the border of an element to XYZ 69.0719, 73.4360, 71.5069 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(225, 223, 210) }
```



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

```
.border{ border-color:rgb(225, 223, 210) }
```

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

Here you see how a box with a 4 pixel rgb(225, 223, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 223, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 223, 210);  
box-shadow:4px 4px 4px 4px rgb(225, 223,  
210) }
```

# Background

The CSS property to change the background color of an element to XYZ 69.0719, 73.4360, 71.5069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 223, 210) }
```

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

```
.background{ background-color: rgb(225,  
223, 210) }
```

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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