

# Converting Colors

XYZ(73.5651, 75.3713, 70.9924)

Have a look what the booklet for  
XYZ(73.5651, 75.3713, 70.9924)  
contains.

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# Color

**XYZ(73.5651, 75.3713,  
70.9924)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0DED1
RGB	240, 222, 209
RGB Percent	94%, 87%, 82%
CMY	0.0588, 0.1294, 0.1804
CMYK	0.00, 0.07, 0.13, 0.06
HSL	25°, 51%, 88%
HSV	25°, 13%, 94%
XYZ	73.5651, 75.3713, 70.9924
YIQ	225.9000, 14.9010, -0.2270

# Conversions

## Conversions Part 2

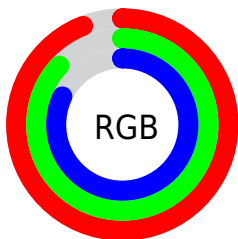
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	240, 231, 209
Decimal	15785681
CIE Lab	89.57, 4.04, 8.59
CIE LCh	90, 9.490, 64.780
Yxy	75.3713, 0.3345, 0.3427
Android (android.graphics.Color)	4293975761 (0xFFFF0DED1)
YUV	225.9000, -8.3317, 12.3657
Hunter-Lab	86.8166, -0.6751, 12.2886

# Details

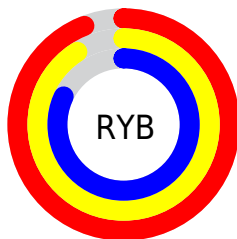
The XYZ color **73.5651, 75.3713, 70.9924** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.4914, 74.7832, 93.2108**, and the grayscale version is **72.2690, 76.0326, 82.7995**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.5023, 40.1943, 36.6866** is the 20% darker color. If you saturate the color by 10%, you get **67.2665, 67.1761, 55.3207**, and if you desaturate by 10%, it is **80.6213, 84.3639, 89.1267**.

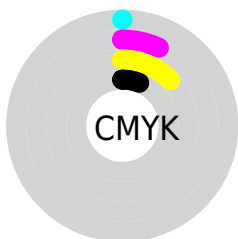
# Distribution



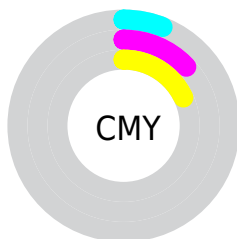
- Red (94%)
- Green (87%)
- Blue (82%)



- Red (94%)
- Yellow (91%)
- Blue (82%)



- Cyan (0%)
- Magenta (7%)
- Yellow (13%)
- Black (6%)



- Cyan (6%)
- Magenta (13%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 73.5651, 75.3713, 70.9924 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 73.5651, 75.3713, 70.9924 by changing the saturation by 10% instead.



73.5651, 75.3713,  
70.9924

73.5651, 75.3713,  
70.9924

462.0445,  
479.1928, 482.9098

54.7282, 55.9171,  
51.8542

123.2779,  
126.8378, 122.3173

39.4171, 40.1365,  
36.5074

154.8845,  
159.6189, 155.3410

27.2666, 27.6450,  
24.5336

191.4784,  
197.6112, 193.8303

17.9111, 18.0582,  
15.5140

233.4250,  
241.1989, 238.2038

10.9855, 10.9918,  
9.0303

281.0895,  
290.7666, 288.8799

6.1243, 6.0613,  
4.6639

334.8374,

2.9622, 2.8824,

346.6985, 346.2773

1.9962

395.0339,  
409.3791, 410.8144

■ 1.1338, 1.0706,  
0.5529

■ 0.0531, 0.0000,  
0.0000

■ 73.5651, 75.3713,  
70.9924

■ 73.5651, 75.3713,  
70.9924

■ 67.2665, 67.1761,  
55.3207

■ 80.6213, 84.3639,  
89.1267

■ 61.6920, 59.7454,  
41.9994

■ 88.1307, 94.0358,  
108.1135

■ 56.8146, 53.0589,  
30.9144

■ 89.7455, 97.2654,  
108.6518

■ 52.6030, 47.0913,  
21.9402

■ 49.0232, 41.8156,  
14.9389

■ 46.0376, 37.2030,  
9.7556

■ 43.6039, 33.2219,  
6.2122

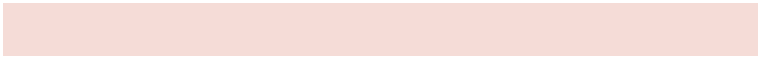
■ 41.6721, 29.8368,  
4.0931

■ 40.5582, 27.7709,  
3.2227

# Harmonies

## Analogous

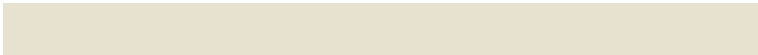
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.3831, 75.3713, 74.9597



73.5651, 75.3713, 70.9924



71.2653, 75.3713, 69.9273

# Triad

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



73.5651, 75.3713, 70.9924



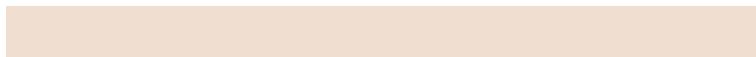
67.2636, 75.3713, 83.1408



74.2255, 75.3713, 93.0682

# Complementary

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



73.5651, 75.3713, 70.9924



69.4914, 74.7832, 93.2108

# 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.



72.0123, 75.3713, 95.5351



73.5651, 75.3713, 70.9924



68.0193, 75.3713, 89.6090

# Square

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



73.5651, 75.3713, 70.9924



67.6592, 75.3713, 76.7173



69.7452, 75.3713, 94.2363



75.7702, 75.3713, 87.6588



# Rectangle

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



73.5651, 75.3713, 70.9924



69.7759, 75.3713, 70.9545



69.7452, 75.3713, 94.2363



73.5333, 75.3713, 94.2820

# Sweetspot

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



73.5672, 75.3746, 70.9940



91.5910, 95.6405, 99.8593



72.6132, 69.6779, 82.3563



19.4684, 20.2991, 21.0214



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

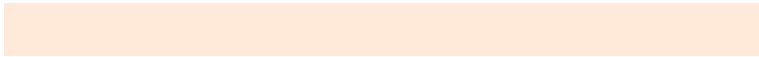


# Same Dimension

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



73.5672, 75.3746, 70.9940



82.8131, 84.4191, 77.4051



77.8496, 83.9395, 72.4215



16.3177, 16.8485, 16.5418



22.3268, 15.4516, 1.8057



1.9536, 1.4779, 0.1823

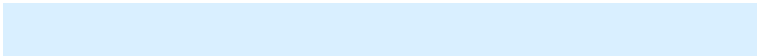


# Inverse Universe

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



69.4914, 74.7832, 93.2108



77.4441, 83.6395, 106.6700



65.4631, 66.7266, 91.8680



15.6595, 16.7531, 20.1299



13.8238, 13.8719, 47.0768

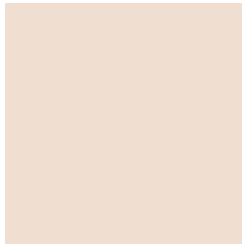


1.2481, 1.3503, 3.9491



# Previews

## White Background



This preview shows how the XYZ color 73.5651, 75.3713, 70.9924 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

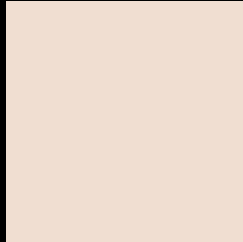
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 73.5651, 75.3713, 70.9924 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

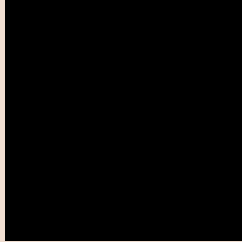
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 73.5651, 75.3713, 70.9924

## Background



This preview shows how black text looks on a background with the XYZ color 73.5651, 75.3713, 70.9924.



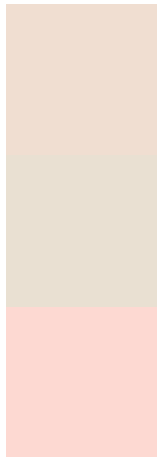
This preview shows how white text looks on a background with the XYZ color 73.5651, 75.3713,

70.9924.

# 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

73.5651, 75.3713, 70.9924

### Protanopia

71.8928, 75.2881, 71.7157

### Deuteranopia

76.9537, 75.1615, 71.4245



## Tritanopia

77.3750, 75.3741, 89.0678

# Trichromacy



## Original Color

73.5651, 75.3713, 70.9924

## Protanomaly

72.6126, 75.2614, 71.6726

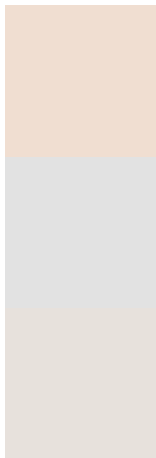
## Deuteranomaly

75.6758, 75.2726, 71.5133

## Tritanomaly

76.0211, 75.2087, 82.4615

# Monochromacy



## Original Color

73.5651, 75.3713, 70.9924

## Achromatopsia

72.2879, 76.0525, 82.8211

## Achromatomaly

72.7985, 76.0067, 78.5440

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 73.5651, 75.3713, 70.9924 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(240, 222, 209) looks like.

```
.text, #text, p{  
    color:rgb(240, 222, 209)  
}
```

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(240, 222, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 222, 209) }
```

## Border

The CSS property to change the border of an element to XYZ 73.5651, 75.3713, 70.9924 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(240, 222, 209) }
```



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

```
.border{ border-color:rgb(240, 222, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 222, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 222, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 222, 209);  
box-shadow:4px 4px 4px 4px rgb(240, 222,  
209) }
```

# Background

The CSS property to change the background color of an element to XYZ 73.5651, 75.3713, 70.9924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 222, 209) }
```

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

```
.background{ background-color: rgb(240,  
222, 209) }
```

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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