

# Converting Colors

XYZ(73.3522, 76.4449, 67.2156)

Have a look what the booklet for  
XYZ(73.3522, 76.4449, 67.2156)  
contains.

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# **Color**

**XYZ(73.3013, 76.5129,  
67.4050)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EFE1CB
RGB	239, 225, 203
RGB Percent	94%, 88%, 80%
CMY	0.0627, 0.1176, 0.2039
CMYK	0.00, 0.06, 0.15, 0.06
HSL	37°, 53%, 87%
HSV	37°, 15%, 94%
XYZ	73.3013, 76.5129, 67.4050
YIQ	226.6780, 15.4060, -3.8740

# Conversions

## Conversions Part 2

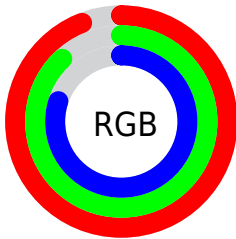
Format	Color
R <sub>Y</sub> B	226, 239, 203
Decimal	15720907
CIE Lab	90.10, 1.21, 12.47
CIE LCh	90, 12.530, 84.465
Yxy	76.5129, 0.3375, 0.3522
Android (android.graphics.Color)	4293910987 (0xFFEFE1CB)
YUV	226.6780, -11.6733, 10.8064
Hunter-Lab	87.4717, -3.4923, 15.5417

# Details

The XYZ color **73.3013, 76.5129, 67.4050** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.0212, 68.5529, 91.4671**, and the grayscale version is **72.8557, 76.6499, 83.4717**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.3280, 40.9867, 34.2722** is the 20% darker color. If you saturate the color by 10%, you get **68.2266, 70.5751, 52.7282**, and if you desaturate by 10%, it is **78.9560, 82.9065, 84.4432**.

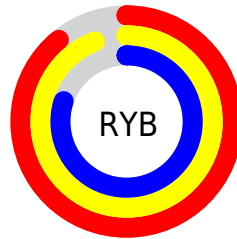
# Distribution



Red (94%)

Green (88%)

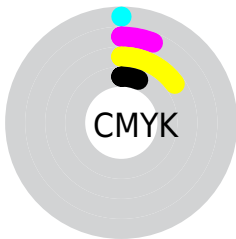
Blue (80%)



Red (89%)

Yellow (94%)

Blue (80%)

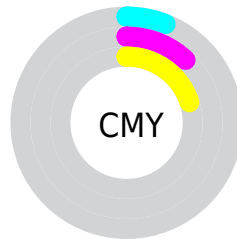


Cyan (0%)

Magenta (6%)

Yellow (15%)

Black (6%)



Cyan (6%)

Magenta (12%)

Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 73.3013, 76.5129, 67.4050 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 73.3013, 76.5129, 67.4050 by changing the saturation by 10% instead.



73.3013, 76.5129,  
67.4050

73.3013, 76.5129,  
67.4050

461.1460,  
483.1016, 469.9257

54.5116, 56.8532,  
48.9502

122.9057,  
128.4517, 117.1467

39.2431, 40.8874,  
34.2146

154.4511,  
161.4995, 149.2706

27.1305, 28.2311,  
22.7798

190.9791,  
199.7788, 186.7880

17.8084, 18.4999,  
14.2273

232.8551,  
243.6740, 230.1174

10.9113, 11.3095,  
8.1383

280.4445,  
293.5695, 279.6773

6.0741, 6.2754,  
4.0946

334.1125,

2.9313, 3.0133,

349.8497, 335.8863

1.6774

394.2246,  
412.8989, 399.1629

■ 1.1175, 1.1387,  
0.3451

■ 0.0397, 0.0107,  
0.0000

■ 73.3013, 76.5129,  
67.4050

■ 73.3013, 76.5129,  
67.4050

■ 68.2266, 70.5751,  
52.7282

■ 78.9560, 82.9065,  
84.4432

■ 63.7035, 65.0707,  
40.3015

■ 85.2053, 89.7575,  
103.9373

■ 59.7102, 59.9900,  
30.0122

■ 88.7343, 95.7458,  
108.4117

■ 56.2210, 55.3190,  
21.7354

■ 89.4069, 97.0909,  
108.6359

■ 53.2074, 51.0427,  
15.3333

■ 50.6378, 47.1446,  
10.6508

■ 48.4756, 43.6061,  
7.5071

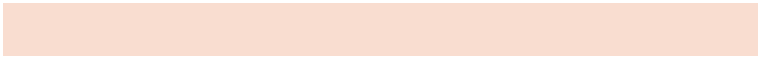
■ 46.6763, 40.4054,  
5.6804

■ 45.8891, 38.9353,  
5.0966

# Harmonies

## Analogous

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



76.2531, 76.5129, 70.1403



73.3013, 76.5129, 67.4050



70.2756, 76.5129, 68.6783

# Triad

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



73.3013, 76.5129, 67.4050



67.4168, 76.5129, 90.6025



77.6969, 76.5129, 93.6609

# Complementary

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



73.3013, 76.5129, 67.4050



65.0212, 68.5529, 91.4671

# 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.



75.2270, 76.5129, 99.8839



73.3013, 76.5129, 67.4050



69.3040, 76.5129, 98.0319

# Square

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



73.3013, 76.5129, 67.4050



66.9342, 76.5129, 81.6692



72.1482, 76.5129, 101.5376



78.8368, 76.5129, 84.9717

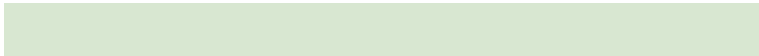


# Rectangle

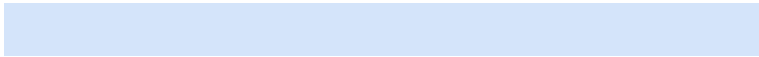
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.3013, 76.5129, 67.4050



68.6158, 76.5129, 71.6791



72.1482, 76.5129, 101.5376



76.9913, 76.5129, 96.1345

# Sweetspot

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



73.3034, 76.5163, 67.4066



91.5037, 96.0840, 97.9247



69.5299, 66.0942, 75.0126



19.4819, 20.4504, 20.6421



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

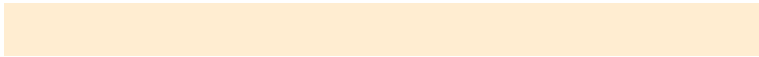


# Same Dimension

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



73.3034, 76.5163, 67.4066



83.0903, 86.5270, 72.7086



76.0399, 83.7759, 68.6636



16.5770, 17.3672, 16.6282



25.4903, 21.7787, 2.8602



2.2168, 2.0044, 0.2700



# Inverse Universe

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



65.0212, 68.5529, 91.4671



71.8266, 75.6976, 105.4332



62.5574, 62.1528, 90.3616



15.4012, 16.2365, 20.0438



10.8871, 7.9985, 46.0979

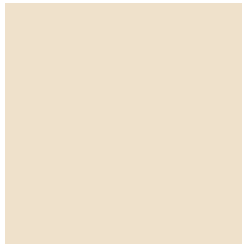


0.9995, 0.8531, 3.8662



# Previews

## White Background



This preview shows how the XYZ color 73.3013, 76.5129, 67.4050 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

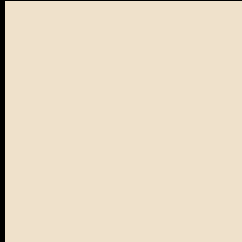
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 73.3013, 76.5129, 67.4050 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

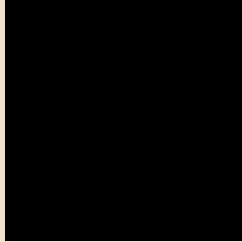
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 73.3013, 76.5129, 67.4050

## Background



This preview shows how black text looks on a background with the XYZ color 73.3013, 76.5129, 67.4050.



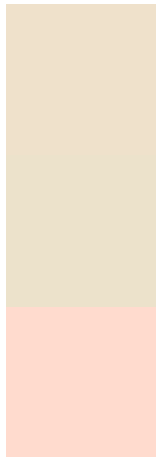
This preview shows how white text looks on a background with the XYZ color 73.3013, 76.5129,

67.4050.

# 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

73.3013, 76.5129, 67.4050

### Protanopia

72.5679, 76.5374, 67.4484

### Deuteranopia

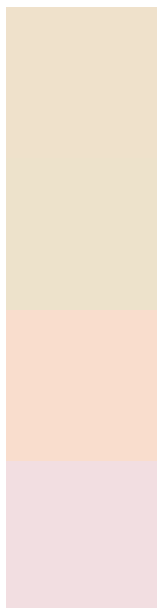
77.7121, 76.3793, 69.0393



## Tritanopia

78.1875, 76.5339, 90.7724

# Trichromacy



## Original Color

73.3013, 76.5129, 67.4050

## Protanomaly

72.9009, 76.7090, 67.4639

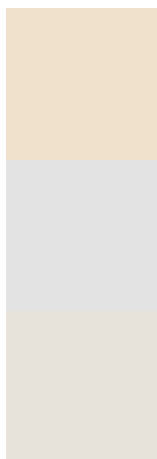
## Deuteranomaly

75.9428, 76.2604, 68.4747

## Tritanomaly

76.3298, 76.5560, 81.9879

# Monochromacy



## Original Color

73.3013, 76.5129, 67.4050

## Achromatopsia

73.0128, 76.8151, 83.6517

## Achromatomaly

72.8062, 76.4436, 77.2475

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 73.3013, 76.5129, 67.4050 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(239, 225, 203)` looks like.

```
.text, #text, p{  
    color:rgb(239, 225, 203)  
}
```

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(239, 225, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 225, 203) }
```

## Border

The CSS property to change the border of an element to XYZ 73.3013, 76.5129, 67.4050 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(239, 225, 203) }
```



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

```
.border{ border-color:rgb(239, 225, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 225, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 225, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 225, 203);  
box-shadow:4px 4px 4px 4px rgb(239, 225,  
203) }
```

# Background

The CSS property to change the background color of an element to XYZ 73.3013, 76.5129, 67.4050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 225, 203) }
```

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

```
.background{ background-color: rgb(239,  
225, 203) }
```

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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