

# Converting Colors

XYZ(75.3470, 72.0355, 67.0598)

Have a look what the booklet for  
XYZ(75.3470, 72.0355, 67.0598)  
contains.

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# **Color**

**XYZ(75.4333, 72.2082,  
67.0885)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFD3CC
RGB	255, 211, 204
RGB Percent	100%, 83%, 80%
CMY	0.0000, 0.1725, 0.2000
CMYK	0.00, 0.17, 0.20, 0.00
HSL	8°, 100%, 90%
HSV	8°, 20%, 100%
XYZ	75.4333, 72.2082, 67.0885
YIQ	223.3580, 28.4710, 7.1510

# Conversions

## Conversions Part 2

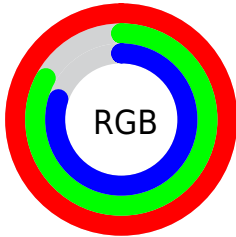
Format	Color
R <sub>Y</sub> B	255, 212, 204
Decimal	16765900
CIE Lab	88.07, 14.35, 9.24
CIE LCh	88, 17.072, 32.776
Yxy	72.2082, 0.3513, 0.3363
Android (android.graphics.Color)	4294955980 (0xFFFFD3CC)
YUV	223.3580, -9.5435, 27.7500
Hunter-Lab	84.9754, 9.7488, 12.6730

# Details

The XYZ color **75.4333, 72.2082, 67.0885** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.5181, 87.1894, 107.4040**, and the grayscale version is **70.4469, 74.1157, 80.7120**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6822, 37.9847, 34.0418** is the 20% darker color. If you saturate the color by 10%, you get **67.5259, 60.8936, 50.5786**, and if you desaturate by 10%, it is **84.5930, 85.2252, 86.4879**.

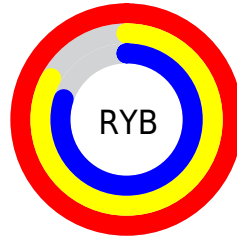
# Distribution



Red (100%)

Green (83%)

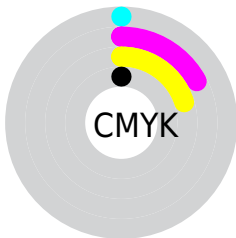
Blue (80%)



Red (100%)

Yellow (83%)

Blue (80%)

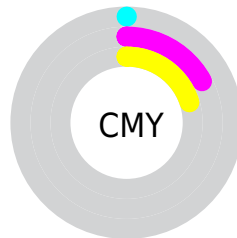


Cyan (0%)

Magenta (17%)

Yellow (20%)

Black (0%)



Cyan (0%)

Magenta (17%)

Yellow (20%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 75.4333, 72.2082, 67.0885 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 75.4333, 72.2082, 67.0885 by changing the saturation by 10% instead.




 75.4333, 72.2082,  
67.0885

 75.4333, 72.2082,  
67.0885


468.3798,  
468.2659, 468.7698

 56.2634, 53.3288,  
48.6945


125.9102,  
122.3525, 116.6891

 40.6519, 38.0653,  
34.0133


157.9478,  
154.3861, 148.7327

 28.2337, 26.0334,  
22.6264


195.0054,  
191.5733, 186.1633

 18.6432, 16.8486,  
14.1152

237.4482,  
234.2984, 229.3994

 11.5153, 10.1266,  
8.0611

285.6418,  
282.9458, 278.8596

 6.4844, 5.4830,  
4.0458

339.9513,

 3.1852, 2.5333,

337.9000, 334.9624

1.6505

400.7422,  
399.5452, 398.1262

■ 1.2525, 0.8933,  
0.3265

■ 0.1472, 0.0000,  
0.0000

■ 75.4333, 72.2082,  
67.0885

■ 75.4333, 72.2082,  
67.0885

■ 67.5259, 60.8936,  
50.5786

■ 84.5930, 85.2252,  
86.4879

■ 60.8107, 51.2016,  
36.8154

95.0500, 100.0000,  
108.9000

■ 55.2311, 43.0605,  
25.6510

■ 50.7234, 36.3894,  
16.9212

■ 47.2176, 31.0999,  
10.4435

■ 44.6351, 27.0941,  
6.0093

■ 42.8853, 24.2610,  
3.3709

■ 41.8418, 22.4636,  
2.1306

■ 41.8418, 22.4636,  
2.1306

# Harmonies

## Analogous

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



76.7599, 72.2082, 77.5406



75.4333, 72.2082, 67.0885



72.2793, 72.2082, 60.3074

# Triad

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



75.4333, 72.2082, 67.0885



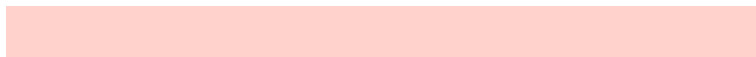
61.8969, 72.2082, 68.7963



69.0119, 72.2082, 103.2357

# Complementary

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



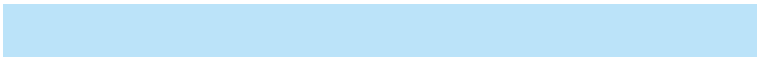
75.4333, 72.2082, 67.0885



76.5181, 87.1894, 107.4040

# 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.



65.1090, 72.2082, 100.3143



75.4333, 72.2082, 67.0885



61.0986, 72.2082, 79.7143

# Square

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



75.4333, 72.2082, 67.0885



64.4765, 72.2082, 61.2227



62.2518, 72.2082, 91.4079



72.9618, 72.2082, 99.0411



# Rectangle

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



75.4333, 72.2082, 67.0885



69.6218, 72.2082, 58.3941



62.2518, 72.2082, 91.4079



67.6510, 72.2082, 103.0537

# Sweetspot

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



75.4351, 72.2114, 67.0900



88.6167, 90.9196, 95.0832



79.8076, 71.2362, 98.5135



18.8239, 19.2573, 20.0441



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.



75.4351, 72.2114, 67.0900



72.1241, 67.4839, 60.1456



82.2213, 85.7838, 69.3521



18.2105, 18.3892, 18.7340



21.9242, 11.8596, 1.1336

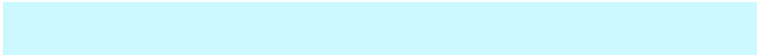


2.1932, 1.2717, 0.1299

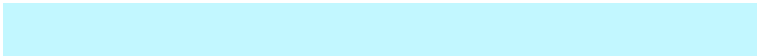


# Inverse Universe

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



76.5181, 87.1894, 107.4040



73.3835, 84.9363, 107.1344



69.2601, 72.6733, 104.9847



18.3296, 20.0308, 23.1502



22.8832, 30.6760, 54.1496

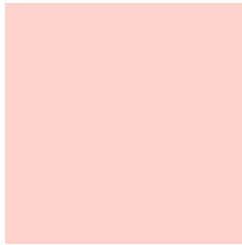


2.2842, 3.0991, 5.2911



# Previews

## White Background



This preview shows how the XYZ color 75.4333, 72.2082, 67.0885 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

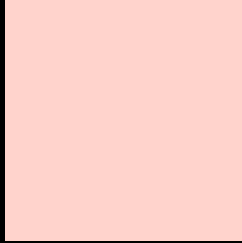
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 75.4333, 72.2082, 67.0885 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

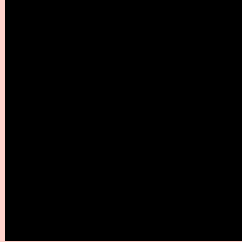
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 75.4333, 72.2082, 67.0885**

## **Background**



This preview shows how black text looks on a background with the XYZ color 75.4333, 72.2082, 67.0885.



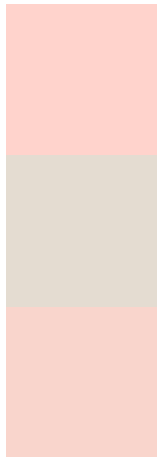
This preview shows how white text looks on a background with the XYZ color 75.4333, 72.2082,

67.0885.

# 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

75.4333, 72.2082, 67.0885

### Protanopia

69.0967, 72.2838, 70.6320

### Deuteranopia

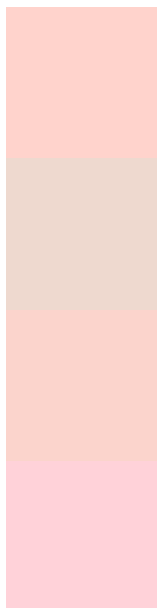
73.7603, 72.0879, 67.1535



## Tritanopia

77.4950, 72.2427, 80.3808

# Trichromacy



## Original Color

75.4333, 72.2082, 67.0885

## Protanomaly

71.3352, 72.3078, 69.2285

## Deuteranomaly

74.2262, 71.9558, 67.1035

## Tritanomaly

76.8110, 72.3629, 75.5647

# Monochromacy



## Original Color

75.4333, 72.2082, 67.0885

## Achromatopsia

70.1384, 73.7910, 80.3584

## Achromatomaly

71.9871, 73.2831, 75.3167

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 75.4333, 72.2082, 67.0885 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(255, 211, 204)` looks like.

```
.text, #text, p{  
    color:rgb(255, 211, 204)  
}
```

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(255, 211, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 211, 204) }
```

## Border

The CSS property to change the border of an element to XYZ 75.4333, 72.2082, 67.0885 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(255, 211, 204) }
```



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

```
.border{ border-color:rgb(255, 211, 204) }
```

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

Here you see how a box with a 4 pixel rgb(255, 211, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 211, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 211, 204);  
box-shadow:4px 4px 4px 4px rgb(255, 211,  
204) }
```

# Background

The CSS property to change the background color of an element to XYZ 75.4333, 72.2082, 67.0885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 211, 204) }
```

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

```
.background{ background-color: rgb(255,  
211, 204) }
```

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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