

# Converting Colors

XYZ(75.7075, 73.8432, 67.3897)

Have a look what the booklet for  
XYZ(75.7075, 73.8432, 67.3897)  
contains.

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# Color

**XYZ(75.7075, 73.8432,  
67.3897)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FDD7CC
RGB	253, 215, 204
RGB Percent	99%, 84%, 80%
CMY	0.0078, 0.1568, 0.2000
CMYK	0.00, 0.15, 0.19, 0.01
HSL	13°, 92%, 90%
HSV	13°, 19%, 99%
XYZ	75.7075, 73.8432, 67.3897
YIQ	225.1080, 26.1790, 4.6350

# Conversions

## Conversions Part 2

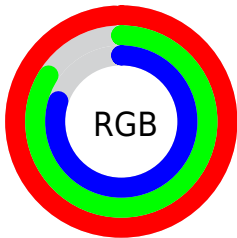
Format	Color
RYB	253, 218, 204
Decimal	16635852
CIELab	88.85, 11.55, 10.33
CIELCh	89, 15.500, 41.804
Yxy	73.8432, 0.3490, 0.3404
Android (android.graphics.Color)	4294825932 (0xFFFD7CC)
YUV	225.1080, -10.4062, 24.4613
Hunter-Lab	85.9321, 6.8802, 13.6560

# Details

The XYZ color **75.7075, 73.8432, 67.3897** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.3828, 83.4312, 105.1123**, and the grayscale version is **71.7067, 75.4410, 82.1553**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.8408, 39.0794, 34.2447** is the 20% darker color. If you saturate the color by 10%, you get **68.2170, 63.3299, 51.1182**, and if you desaturate by 10%, it is **84.2940, 85.7584, 86.4600**.

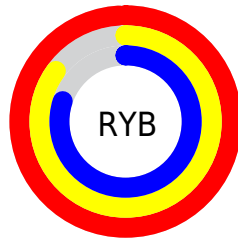
# Distribution



Red (99%)

Green (84%)

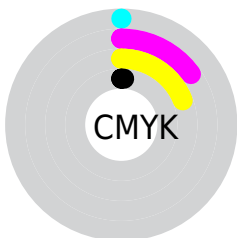
Blue (80%)



Red (99%)

Yellow (85%)

Blue (80%)

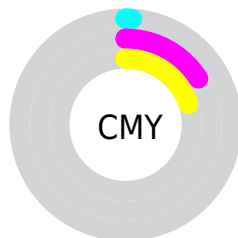


Cyan (0%)

Magenta (15%)

Yellow (19%)

Black (1%)



Cyan (1%)

Magenta (16%)


Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 75.7075, 73.8432, 67.3897 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 75.7075, 73.8432, 67.3897 by changing the saturation by 10% instead.




 75.7075, 73.8432,  
67.3897

 75.7075, 73.8432,  
67.3897


469.3056,  
473.9320, 469.8699

 56.4889, 54.6657,  
48.9378


126.2959,  
124.6735, 117.1246

 40.8336, 39.1341,  
34.2049


158.3965,  
157.0951, 149.2446

 28.3762, 26.8641,  
22.7724


195.5217,  
194.7002, 186.7578

 18.7513, 17.4712,  
14.2218

238.0370,  
237.8732, 230.0827

 11.5937, 10.5710,  
8.1346

286.3076,  
286.9985, 279.6378

 6.5379, 5.7792,  
4.0922

340.6991,

 3.2185, 2.7113,

342.4605, 335.8417

1.6761

401.5766,  
404.6435, 399.1129

■ 1.2704, 0.9829,  
0.3442

■ 0.1609, 0.0000,  
0.0000

■ 75.7075, 73.8432,  
67.3897

■ 75.7075, 73.8432,  
67.3897

■ 68.2170, 63.3299,  
51.1182

■ 84.2940, 85.7584,  
86.4600

■ 61.7716, 54.1567,  
37.5087

■ 94.0128, 99.1145,  
108.4479

■ 56.3253, 46.2721,  
26.4199

■ 94.3182, 99.6227,  
108.8658

■ 51.8261, 39.6174,  
17.6952

■ 48.2171, 34.1289,  
11.1606

■ 45.4349, 29.7372,  
6.6178

■ 43.4067, 26.3650,  
3.8321

■ 42.0332, 23.9187,  
2.4474

■ 41.9625, 23.7914,  
2.3805

# Harmonies

## Analogous

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



77.4943, 73.8432, 76.2457



75.7075, 73.8432, 67.3897



72.4649, 73.8432, 62.3124

# Triad

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



75.7075, 73.8432, 67.3897



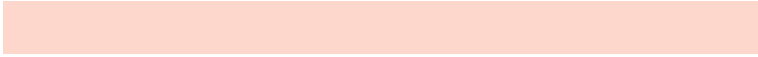
63.5466, 73.8432, 74.1160



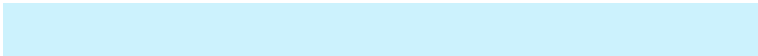
71.6734, 73.8432, 102.3932

# Complementary

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



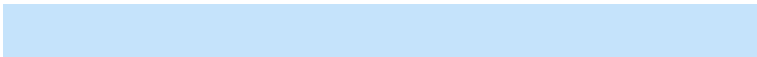
75.7075, 73.8432, 67.3897



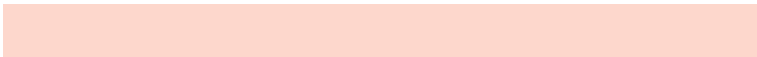
74.3828, 83.4312, 105.1123

# 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.



67.9548, 73.8432, 101.6936



75.7075, 73.8432, 67.3897



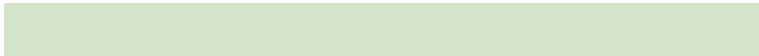
63.3518, 73.8432, 84.7081

# Square

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



75.7075, 73.8432, 67.3897



65.4813, 73.8432, 65.9506



64.9392, 73.8432, 94.9915



75.1103, 73.8432, 96.8254

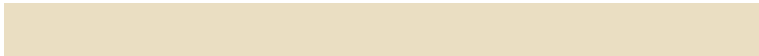


# Rectangle

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



75.7075, 73.8432, 67.3897



69.9586, 73.8432, 61.4525



64.9392, 73.8432, 94.9915



70.4133, 73.8432, 102.8958

# Sweetspot

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



75.7095, 73.8465, 67.3912



89.0150, 91.7162, 95.2160



78.1862, 70.5031, 93.7947



18.9177, 19.4450, 20.0754



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.



75.7095, 73.8465, 67.3912



74.1725, 71.1191, 62.2517



82.3084, 87.0442, 69.5909



18.3402, 18.6486, 18.7772



22.4110, 12.8332, 1.2959

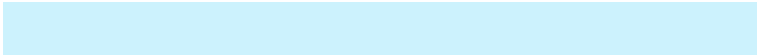


2.2595, 1.4043, 0.1520

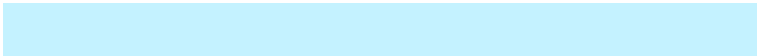


# Inverse Universe

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



74.3828, 83.4312, 105.1123



72.6070, 82.4045, 106.6866



67.6735, 70.0125, 102.8759



18.1885, 19.7486, 23.1032



20.0681, 25.0457, 53.2112

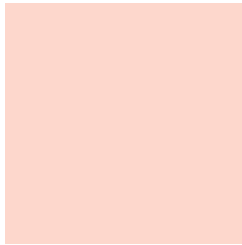


2.0348, 2.6003, 5.2079



# Previews

## White Background



This preview shows how the XYZ color 75.7075, 73.8432, 67.3897 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

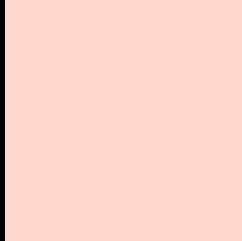
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 75.7075, 73.8432, 67.3897 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

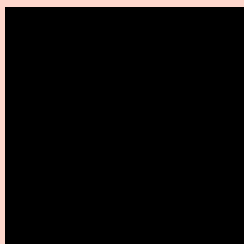
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

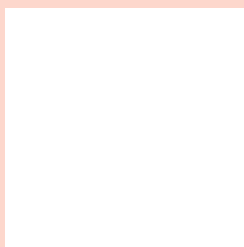
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 75.7075, 73.8432, 67.3897**

## **Background**



This preview shows how black text looks on a background with the XYZ color 75.7075, 73.8432, 67.3897.



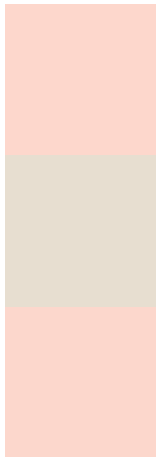
This preview shows how white text looks on a background with the XYZ color 75.7075, 73.8432,



# 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

75.7075, 73.8432, 67.3897

### Protanopia

70.4614, 73.7855, 70.2028

### Deuteranopia

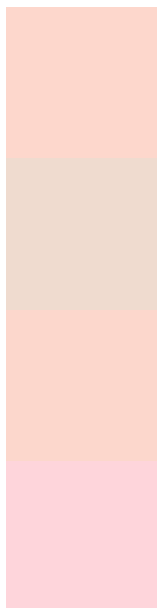
75.3444, 73.6560, 67.3727



## Tritanopia

78.7871, 73.9484, 83.5197

# Trichromacy



## Original Color

75.7075, 73.8432, 67.3897

## Protanomaly

72.1906, 73.5188, 69.4172

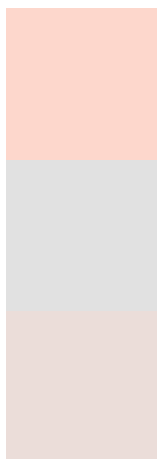
## Deuteranomaly

75.3444, 73.6560, 67.3727

## Tritanomaly

77.4535, 73.7738, 77.1754

# Monochromacy



## Original Color

75.7075, 73.8432, 67.3897

## Achromatopsia

71.5672, 75.2942, 81.9954

## Achromatomaly

72.6418, 74.3848, 76.1747

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 75.7075, 73.8432, 67.3897 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(253, 215, 204)` looks like.

```
.text, #text, p{  
    color:rgb(253, 215, 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(253, 215, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 215, 204) }
```

## Border

The CSS property to change the border of an element to XYZ 75.7075, 73.8432, 67.3897 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(253, 215, 204) }
```



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

```
.border{ border-color:rgb(253, 215, 204) }
```

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

Here you see how a box with a 4 pixel rgb(253, 215, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 215, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 215, 204);  
box-shadow:4px 4px 4px 4px rgb(253, 215,  
204) }
```

# Background

The CSS property to change the background color of an element to XYZ 75.7075, 73.8432, 67.3897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 215, 204) }
```

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

```
.background{ background-color: rgb(253,  
215, 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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