

# Converting Colors

XYZ(75.7383, 73.6336, 74.7883)

Have a look what the booklet for  
XYZ(75.7383, 73.6336, 74.7883)  
contains.

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# Color

**XYZ(75.6331, 73.6469,  
74.5190)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F9D7D7
RGB	249, 215, 215
RGB Percent	98%, 84%, 84%
CMY	0.0235, 0.1568, 0.1569
CMYK	0.00, 0.14, 0.14, 0.02
HSL	0°, 74%, 91%
HSV	0°, 14%, 98%
XYZ	75.6331, 73.6469, 74.5190
YIQ	225.1660, 20.2640, 7.2080

# Conversions

## Conversions Part 2

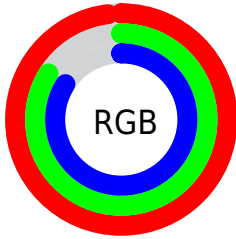
Format	Color
R <sub>Y</sub> B	249, 215, 215
Decimal	16373719
CIE Lab	88.76, 11.80, 4.36
CIE LCh	89, 12.583, 20.280
Yxy	73.6469, 0.3380, 0.3291
Android (android.graphics.Color)	4294563799 (0xFFFF9D7D7)
YUV	225.1660, -5.0118, 20.9024
Hunter-Lab	85.8178, 7.1349, 8.5886

# Details

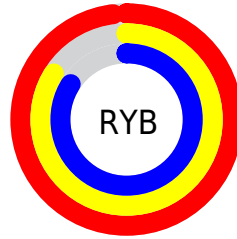
The XYZ color **75.6331, 73.6469, 74.5190** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.9984, 89.0362, 102.6453**, and the grayscale version is **71.7138, 75.4485, 82.1634**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6542, 38.8861, 38.6208** is the 20% darker color. If you saturate the color by 10%, you get **66.8097, 60.7362, 56.9754**, and if you desaturate by 10%, it is **85.9123, 88.6883, 94.9520**.

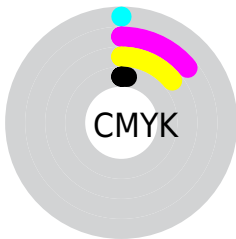
# Distribution



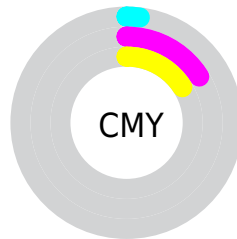
- Red (98%)
- Green (84%)
- Blue (84%)



- Red (98%)
- Yellow (84%)
- Blue (84%)



- Cyan (0%)
- Magenta (14%)
- Yellow (14%)
- Black (2%)




- Cyan (2%)
- Magenta (16%)
- Yellow (16%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 75.6331, 73.6469, 74.5190 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 75.6331, 73.6469, 74.5190 by changing the saturation by 10% instead.




 75.6331, 73.6469,  
74.5190

 75.6331, 73.6469,  
74.5190


469.0545,  
473.2538, 495.4739

 56.4277, 54.5051,  
54.7196


126.1913,  
124.3951, 127.3721

 40.7843, 39.0056,  
38.7802


158.2747,  
156.7703, 161.2628

 28.3375, 26.7641,  
26.2822

195.3816,  
194.3255, 200.6877

 18.7220, 17.3961,  
16.8072

237.8773,  
237.4449, 246.0654

 11.5724, 10.5173,  
9.9367

286.1270,  
286.5131, 297.8143

 6.5233, 5.7433,  
5.2519

340.4962,

 3.2095, 2.6896,

341.9144, 356.3530

2.3345

401.3503,  
404.0331, 422.1000

■ 1.2655, 0.9719,  
0.7505

■ 0.1572, 0.0000,  
0.0000

■ 75.6331, 73.6469,  
74.5190

■ 75.6331, 73.6469,  
74.5190

■ 66.8097, 60.7362,  
56.9754

■ 85.9123, 88.6883,  
94.9520

■ 59.3706, 49.8507,  
42.1865

■ 92.8772, 98.8799,  
108.7983

■ 53.2473, 40.8907,  
30.0138

■ 48.3635, 33.7441,  
20.3052

■ 44.6344, 28.2873,  
12.8926

■ 41.9652, 24.3813,  
7.5870

■ 40.2458, 21.8650,  
4.1697

■ 39.3421, 20.5423,  
2.3739

■ 39.0676, 20.1406,  
1.8284

# Harmonies

## Analogous

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



75.9270, 73.6469, 83.0519



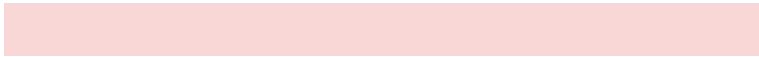
75.6331, 73.6469, 74.5190



73.8058, 73.6469, 67.9763

# Triad

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



75.6331, 73.6469, 74.5190



65.5937, 73.6469, 69.9487



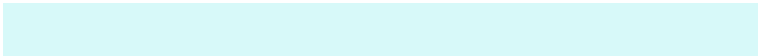
69.0158, 73.6469, 97.8683

# Complementary

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



75.6331, 73.6469, 74.5190



78.9984, 89.0362, 102.6453

# 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.



66.3258, 73.6469, 93.7832



75.6331, 73.6469, 74.5190



64.3882, 73.6469, 77.3926

# Square

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



75.6331, 73.6469, 74.5190



67.9903, 73.6469, 65.4732



64.6522, 73.6469, 86.1395



72.0472, 73.6469, 96.9593



# Rectangle

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



75.6331, 73.6469, 74.5190



71.9924, 73.6469, 65.4243



64.6522, 73.6469, 86.1395



68.0431, 73.6469, 97.0230

# Sweetspot

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



75.6351, 73.6502, 74.5206



90.2832, 93.0250, 99.4234



80.4671, 75.5812, 99.9708



19.1386, 19.6394, 20.9114



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

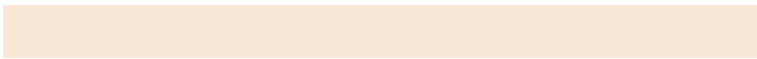
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.6351, 73.6502, 74.5206



77.5017, 74.3224, 74.0132



80.1902, 82.7602, 76.0389



17.2449, 17.2256, 17.8784



20.9122, 10.7810, 0.9787

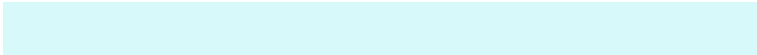


1.9369, 0.9986, 0.0907

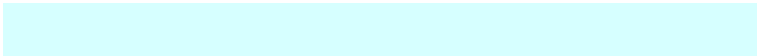


# Inverse Universe

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



78.9984, 89.0362, 102.6453



81.5983, 93.0629, 108.2700



73.9808, 79.0009, 100.9728



17.7657, 19.6082, 22.2337



27.2807, 39.9170, 54.2405

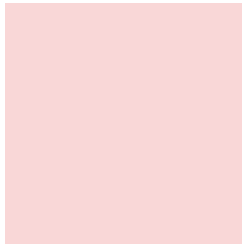


2.5267, 3.6971, 5.0236



# Previews

## White Background



This preview shows how the XYZ color 75.6331, 73.6469, 74.5190 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

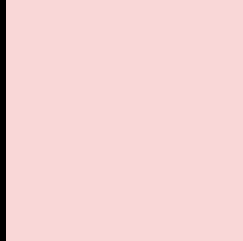
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 75.6331, 73.6469, 74.5190 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

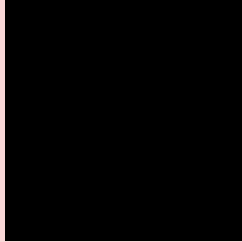
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 75.6331, 73.6469, 74.5190

## Background



This preview shows how black text looks on a background with the XYZ color 75.6331, 73.6469, 74.5190.



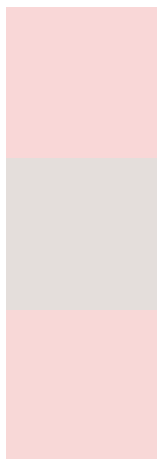
This preview shows how white text looks on a background with the XYZ color 75.6331, 73.6469,



# 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

75.6331, 73.6469, 74.5190

### Protanopia

70.9024, 73.8510, 77.5355

### Deuteranopia

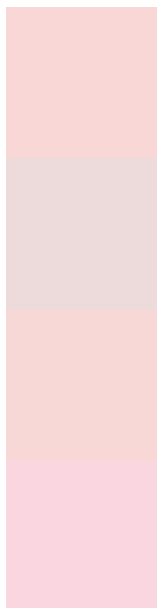
75.5330, 73.9745, 74.5875



## Tritanopia

77.7208, 73.7549, 84.2685

# Trichromacy



## Original Color

75.6331, 73.6469, 74.5190

## Protanomaly

72.5785, 73.5579, 76.7025

## Deuteranomaly

75.5330, 73.9745, 74.5875

## Tritanomaly

76.9255, 73.7989, 80.7112

# Monochromacy



## Original Color

75.6331, 73.6469, 74.5190

## Achromatopsia

71.5672, 75.2942, 81.9954

## Achromatomaly

72.8393, 74.4258, 78.9332

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 75.6331, 73.6469, 74.5190 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(249, 215, 215) looks like.

```
.text, #text, p{  
    color:rgb(249, 215, 215)  
}
```

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(249, 215, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 215, 215) }
```

## Border

The CSS property to change the border of an element to XYZ 75.6331, 73.6469, 74.5190 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(249, 215, 215) }
```



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

```
.border{ border-color:rgb(249, 215, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 215, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 215, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 215, 215);  
box-shadow:4px 4px 4px 4px rgb(249, 215,  
215) }
```

# Background

The CSS property to change the background color of an element to XYZ 75.6331, 73.6469, 74.5190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 215, 215) }
```

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

```
.background{ background-color: rgb(249,  
215, 215) }
```

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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