

Converting Colors

XYZ(74.2662, 73.6570, 74.8837)

Have a look what the booklet for
XYZ(74.2662, 73.6570, 74.8837)
contains.

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Color

**XYZ(74.3868, 73.7651,
74.6075)**

Conversions

Conversions Part 1

Format	Color
Hex	F4D9D7
RGB	244, 217, 215
RGB Percent	96%, 85%, 84%
CMY	0.0431, 0.1490, 0.1569
CMYK	0.00, 0.11, 0.12, 0.04
HSL	4°, 57%, 90%
HSV	4°, 12%, 96%
XYZ	74.3868, 73.7651, 74.6075
YIQ	224.8450, 16.7340, 5.1020

Conversions

Conversions Part 2

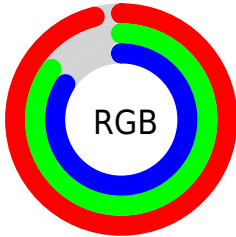
Format	Color
R _Y B	244, 217, 215
Decimal	16046551
CIE Lab	88.81, 9.00, 4.39
CIE LCh	89, 10.015, 25.987
Yxy	73.7651, 0.3339, 0.3311
Android (android.graphics.Color)	4294236631 (0xFFFF4D9D7)
YUV	224.8450, -4.8536, 16.7989
Hunter-Lab	85.8866, 4.2981, 8.6169

Details

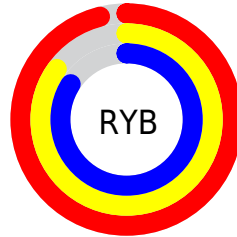
The XYZ color **74.3868, 73.7651, 74.6075** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.1052, 84.4813, 97.8840**, and the grayscale version is **71.4838, 75.2065, 81.8999**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0045, 39.0701, 38.6905** is the 20% darker color. If you saturate the color by 10%, you get **66.0256, 61.6911, 57.4883**, and if you desaturate by 10%, it is **84.0255, 87.6442, 94.4612**.

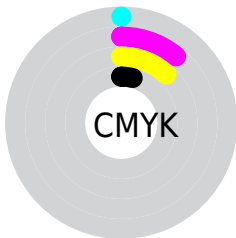
Distribution



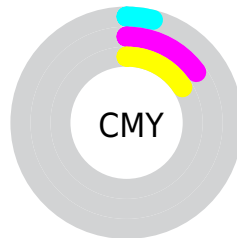
- Red (96%)
- Green (85%)
- Blue (84%)



- Red (96%)
- Yellow (85%)
- Blue (84%)



- Cyan (0%)
- Magenta (11%)
- Yellow (12%)
- Black (4%)





- Cyan (4%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.3868, 73.7651, 74.6075 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 74.3868, 73.7651, 74.6075 by changing the saturation by 10% instead.


 74.3868, 73.7651,
74.6075

 74.3868, 73.7651,
74.6075


464.8370,
473.6623, 495.7868

 55.4031, 54.6018,
54.7916


124.4365,
124.5628, 127.4986

 39.9597, 39.0830,
38.8374


156.2333,
156.9659, 161.4109

 27.6912, 26.8243,
26.3264


193.0317,
194.5512, 200.8590

 18.2322, 17.4413,
16.8400

235.1972,
237.7029, 246.2616

 11.2176, 10.5496,
9.9598

283.0951,
286.8054, 298.0371

 6.2817, 5.7649,
5.2670

337.0908,

 3.0594, 2.7026,

342.2432, 356.6041

2.3433

397.5497,
404.4007, 422.3812

■ 1.1853, 0.9785,
0.7553

■ 0.0947, 0.0000,
0.0000

■ 74.3868, 73.7651,
74.6075

■ 74.3868, 73.7651,
74.6075

■ 66.0256, 61.6911,
57.4883

■ 84.0255, 87.6442,
94.4612

■ 58.8824, 51.3387,
42.9793

■ 91.1185, 97.9733,
108.7160

■ 52.9022, 42.6324,
30.9537

■ 48.0233, 35.4875,
21.2722

■ 44.1782, 29.8113,
13.7819

■ 41.2923, 25.5019,
8.3115

■ 39.2805, 22.4437,
4.6645

■ 38.0428, 20.5026,
2.6049

■ 37.5069, 19.6299,
1.8121

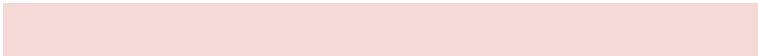
Harmonies

Analogous

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



74.8663, 73.7651, 81.2558



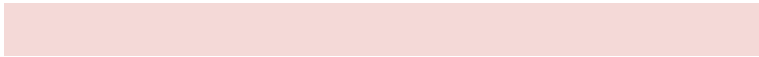
74.3868, 73.7651, 74.6075



72.7522, 73.7651, 69.7495

Triad

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



74.3868, 73.7651, 74.6075



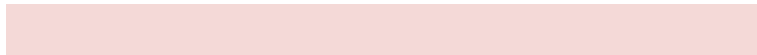
66.3172, 73.7651, 73.0772



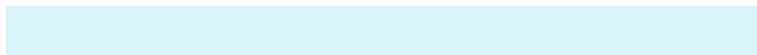
69.7857, 73.7651, 94.3884

Complementary

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



74.3868, 73.7651, 74.6075



76.1052, 84.4813, 97.8840

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.



67.5355, 73.7651, 91.9028



74.3868, 73.7651, 74.6075



65.5624, 73.7651, 79.3868

Square

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



74.3868, 73.7651, 74.6075



68.0883, 73.7651, 68.9024



66.0033, 73.7651, 86.3120



72.1745, 73.7651, 92.9289

Rectangle

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



74.3868, 73.7651, 74.6075



71.2466, 73.7651, 68.0457



66.0033, 73.7651, 86.3120



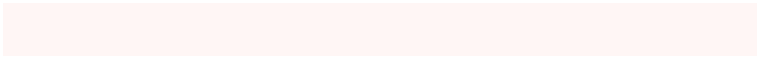
68.9886, 73.7651, 93.9829

Sweetspot

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



74.3888, 73.7684, 74.6091



90.4963, 93.4511, 99.4944



77.6465, 74.2498, 94.2969



19.1922, 19.7467, 20.9293



0.0000, 0.0000, 0.0000



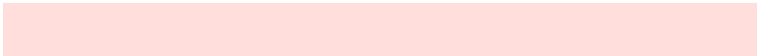
20.3446, 21.4041, 23.3091

Same Dimension

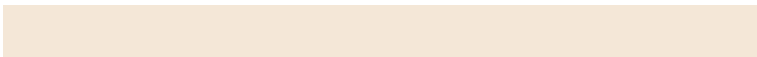
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.3888, 73.7684, 74.6091



80.1253, 78.5094, 78.1559



78.2722, 81.5350, 75.9035



16.5911, 16.6663, 17.1400



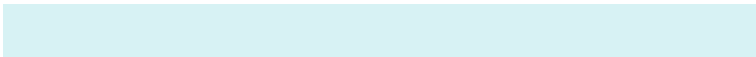
20.4284, 10.7423, 0.9968



1.8270, 1.0071, 0.0981

Inverse Universe

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



76.1052, 84.4813, 97.8840



82.3317, 92.2825, 108.0807



71.9788, 76.2284, 96.5085



16.8929, 18.5501, 21.2328



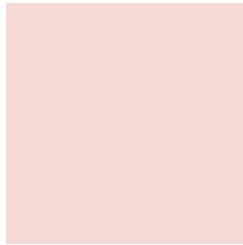
23.8770, 33.5479, 51.7550



2.1275, 3.0063, 4.5584

Previews

White Background



This preview shows how the XYZ color 74.3868, 73.7651, 74.6075 looks on a white background.

Color Contrast Check

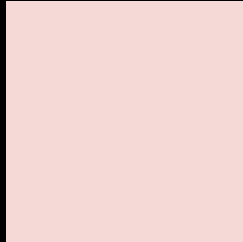
Large Text (above 18pt) WCAG AA × Fail

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 74.3868, 73.7651, 74.6075 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

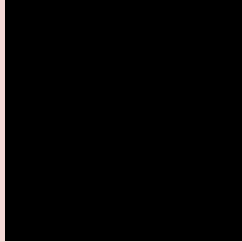
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.3868, 73.7651, 74.6075

Background



This preview shows how black text looks on a background with the XYZ color 74.3868, 73.7651, 74.6075.

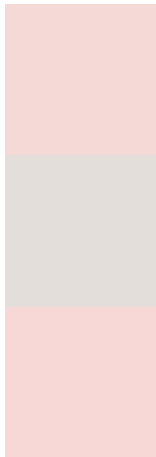


This preview shows how white text looks on a background with the XYZ color 74.3868, 73.7651,

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

74.3868, 73.7651, 74.6075

Protanopia

70.7711, 73.7985, 76.8442

Deuteranopia

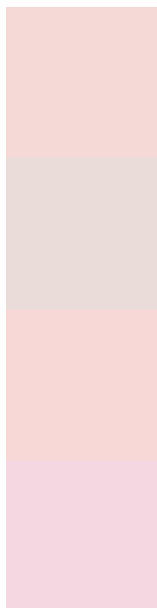
75.5330, 73.9745, 74.5875



Tritanopia

76.4764, 73.4555, 85.7489

Trichromacy



Original Color

74.3868, 73.7651, 74.6075

Protanomaly

72.0493, 73.6886, 76.0716

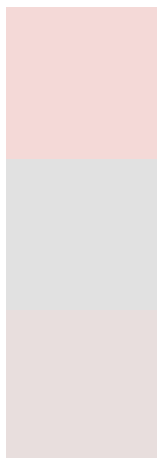
Deuteranomaly

75.1794, 73.7922, 74.5709

Tritanomaly

75.5472, 73.4496, 81.4296

Monochromacy



Original Color

74.3868, 73.7651, 74.6075

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.4511, 74.6188, 78.9909

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.3868, 73.7651, 74.6075 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(244, 217, 215) looks like.

```
.text, #text, p{  
    color:rgb(244, 217, 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(244, 217, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 217, 215) }
```

Border

The CSS property to change the border of an element to XYZ 74.3868, 73.7651, 74.6075 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(244, 217, 215) }
```


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

```
.border{ border-color:rgb(244, 217, 215) }
```

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

Here you see how a box with a 4 pixel rgb(244, 217, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 217, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 217, 215);  
box-shadow:4px 4px 4px 4px rgb(244, 217,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 74.3868, 73.7651, 74.6075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 217, 215) }
```

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

```
.background{ background-color: rgb(244,  
217, 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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