

Converting Colors

XYZ(75.1626, 73.6084, 71.0016)

Have a look what the booklet for
XYZ(75.1626, 73.6084, 71.0016)
contains.

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Color

**XYZ(75.0002, 73.3938,
71.1862)**

Conversions

Conversions Part 1

Format	Color
Hex	F9D7D2
RGB	249, 215, 210
RGB Percent	98%, 84%, 82%
CMY	0.0235, 0.1568, 0.1765
CMYK	0.00, 0.14, 0.16, 0.02
HSL	8°, 76%, 90%
HSV	8°, 16%, 98%
XYZ	75.0002, 73.3938, 71.1862
YIQ	224.5960, 21.8690, 5.6530

Conversions

Conversions Part 2

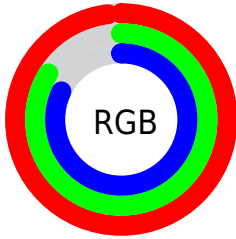
Format	Color
R _Y B	249, 216, 210
Decimal	16373714
CIE Lab	88.64, 11.02, 6.82
CIE LCh	89, 12.965, 31.749
Yxy	73.3938, 0.3416, 0.3342
Android (android.graphics.Color)	4294563794 (0xFFFF9D7D2)
YUV	224.5960, -7.1958, 21.4023
Hunter-Lab	85.6702, 6.3455, 10.7031

Details

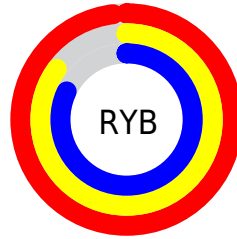
The XYZ color **75.0002, 73.3938, 71.1862** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.0272, 85.2404, 102.0691**, and the grayscale version is **71.3188, 75.0329, 81.7108**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.3098, 38.7484, 36.8071** is the 20% darker color. If you saturate the color by 10%, you get **66.9715, 61.9203, 54.3771**, and if you desaturate by 10%, it is **84.2489, 86.5334, 90.7849**.

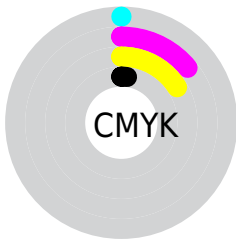
Distribution



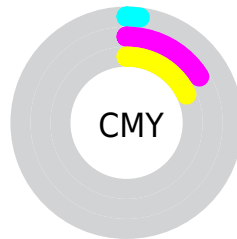
- Red (98%)
- Green (84%)
- Blue (82%)



- Red (98%)
- Yellow (85%)
- Blue (82%)



- Cyan (0%)
- Magenta (14%)
- Yellow (16%)
- Black (2%)




- Cyan (2%)
- Magenta (16%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.0002, 73.3938, 71.1862 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 75.0002, 73.3938, 71.1862 by changing the saturation by 10% instead.


 75.0002, 73.3938,
71.1862

 75.0002, 73.3938,
71.1862


466.9154,
472.3785, 483.6053

 55.9072, 54.2980,
52.0114


125.3006,
124.0361, 122.5957

 40.3653, 38.8400,
36.6319


157.2386,
156.3514, 155.6676

 28.0089, 26.6353,
24.6290


194.1892,
193.8420, 194.2088

 18.4729, 17.2995,
15.5844

236.5174,
236.8924, 238.6380

 11.3918, 10.4482,
9.0794

284.5889,
285.8868, 289.3737

 6.4002, 5.6972,
4.6955

338.7688,

 3.1329, 2.6618,

341.2097, 346.8345

2.0141

399.4225,
403.2455, 411.4388

■ 1.2244, 0.9578,
0.5639

■ 0.1255, 0.0000,
0.0000

■ 75.0002, 73.3938,
71.1862

■ 75.0002, 73.3938,
71.1862

■ 66.9715, 61.9203,
54.3771

■ 84.2489, 86.5334,
90.7849

■ 60.1059, 52.0368,
40.2263

■ 92.8772, 98.8799,
108.7983

■ 54.3507, 43.6759,
28.5987

■ 49.6472, 36.7617,
19.3457

■ 45.9308, 31.2116,
12.3027

■ 43.1298, 26.9346,
7.2844

■ 41.1626, 23.8285,
4.0751

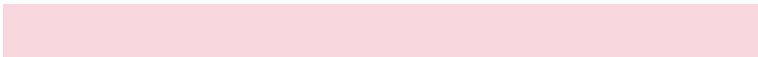
■ 39.9322, 21.7751,
2.4089

■ 39.5824, 21.1704,
2.0001

Harmonies

Analogous

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



75.9459, 73.3938, 79.3887



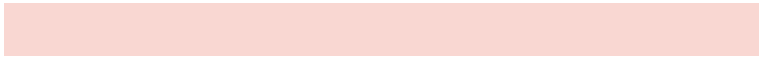
75.0002, 73.3938, 71.1862



72.6450, 73.3938, 65.6775

Triad

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



75.0002, 73.3938, 71.1862



64.5925, 73.3938, 72.0327



69.9424, 73.3938, 98.4005

Complementary

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



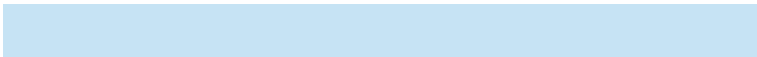
75.0002, 73.3938, 71.1862



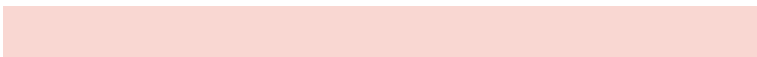
76.0272, 85.2404, 102.0691

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.



66.9497, 73.3938, 96.0707



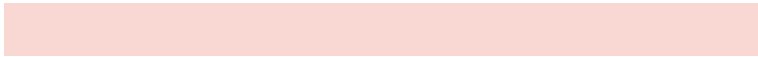
75.0002, 73.3938, 71.1862



63.9168, 73.3938, 80.4404

Square

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



75.0002, 73.3938, 71.1862



66.6408, 73.3938, 66.1399



64.7671, 73.3938, 89.3262



72.9722, 73.3938, 95.4774

Rectangle

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



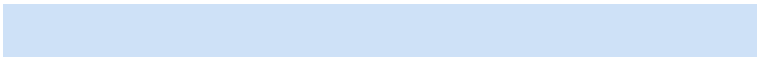
75.0002, 73.3938, 71.1862



70.6255, 73.3938, 64.0470



64.7671, 73.3938, 89.3262



68.8989, 73.3938, 98.2050

Sweetspot

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



75.0022, 73.3971, 71.1877



89.6210, 92.3187, 97.2972



78.5118, 72.7929, 95.8597



19.0251, 19.5368, 20.4899



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.



75.0022, 73.3971, 71.1877



76.1833, 73.2146, 68.8600



80.1376, 83.6678, 72.8995



17.4241, 17.5840, 17.9381



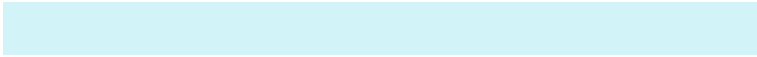
21.2430, 11.4427, 1.0890



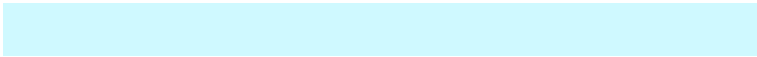
2.0220, 1.1689, 0.1191

Inverse Universe

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



76.0272, 85.2404, 102.0691



77.4651, 88.0377, 107.5179



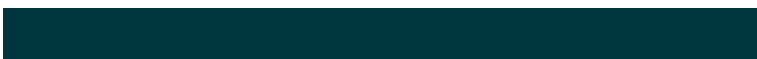
70.5898, 74.3655, 100.2566



17.5646, 19.2061, 22.1667



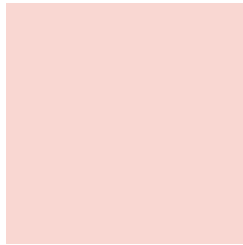
22.5151, 30.3858, 52.6519



2.1367, 2.9170, 4.8936

Previews

White Background



This preview shows how the XYZ color 75.0002, 73.3938, 71.1862 looks on a white background.

Color Contrast Check

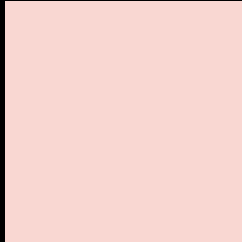
Large Text (above 18pt) WCAG AA × Fail

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 75.0002, 73.3938, 71.1862 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

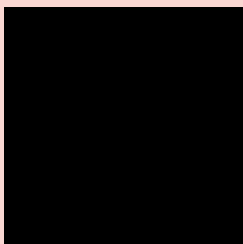
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.0002, 73.3938, 71.1862

Background



This preview shows how black text looks on a background with the XYZ color 75.0002, 73.3938, 71.1862.



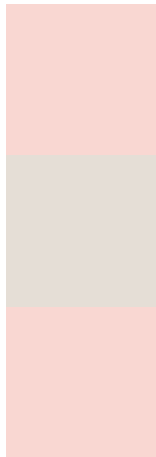
This preview shows how white text looks on a background with the XYZ color 75.0002, 73.3938,

71.1862.

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

75.0002, 73.3938, 71.1862

Protanopia

70.5720, 73.7556, 74.1350

Deuteranopia

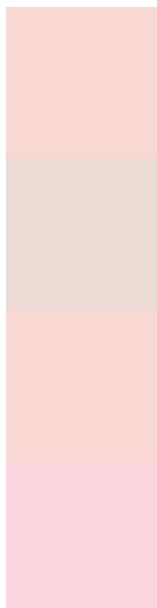
75.0002, 73.3938, 71.1862



Tritanopia

77.4700, 73.2533, 84.1849

Trichromacy



Original Color

75.0002, 73.3938, 71.1862

Protanomaly

71.9338, 73.3000, 73.3078

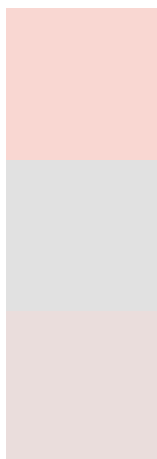
Deuteranomaly

75.0002, 73.3938, 71.1862

Tritanomaly

76.4034, 73.1864, 79.2067

Monochromacy



Original Color

75.0002, 73.3938, 71.1862

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.7064, 74.3726, 78.2335

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.0002, 73.3938, 71.1862 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, 210)` looks like.

```
.text, #text, p{  
    color:rgb(249, 215, 210)  
}
```

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, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 215, 210) }
```

Border

The CSS property to change the border of an element to XYZ 75.0002, 73.3938, 71.1862 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, 210) }
```


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

```
.border{ border-color:rgb(249, 215, 210) }
```

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, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 215, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 215, 210);  
box-shadow:4px 4px 4px 4px rgb(249, 215,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 75.0002, 73.3938, 71.1862 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, 210) }
```

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

```
.background{ background-color: rgb(249,  
215, 210) }
```

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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