

Converting Colors

XYZ(75.0318, 76.7117, 70.3996)

Have a look what the booklet for
XYZ(75.0318, 76.7117, 70.3996)
contains.

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Color

**XYZ(75.0811, 76.5625,
70.4954)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F4DFD0 |
| RGB | 244, 223, 208 |
| RGB Percent | 96%, 87%, 82% |
| CMY | 0.0431, 0.1255, 0.1843 |
| CMYK | 0.00, 0.09, 0.15, 0.04 |
| HSL | 25°, 62%, 89% |
| HSV | 25°, 15%, 96% |
| XYZ | 75.0811, 76.5625, 70.4954 |
| YIQ | 227.5690, 17.3310, -0.2130 |

Conversions

Conversions Part 2

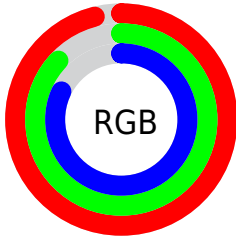
| Format | Color |
|-------------------------------------|---|
| RYB | 244, 234, 208 |
| Decimal | 16048080 |
| CIELab | 90.12, 4.79, 9.95 |
| CIELCh | 90, 11.039, 64.277 |
| Yxy | 76.5625, 0.3380, 0.3447 |
| Android (android.graphics.Color) | 4294238160 (0xFFFF4DFD0) |
| YUV | 227.5690, -9.6475, 14.4100 |
| Hunter-Lab | 87.5000, 0.0404, 13.4823 |

Details

The XYZ color **75.0811, 76.5625, 70.4954** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.3606, 75.9787, 96.5457**, and the grayscale version is **73.4891, 77.3163, 84.1974**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.5744, 41.0297, 36.3529** is the 20% darker color. If you saturate the color by 10%, you get **68.6640, 68.1681, 54.6676**, and if you desaturate by 10%, it is **82.2838, 85.7876, 88.8654**.

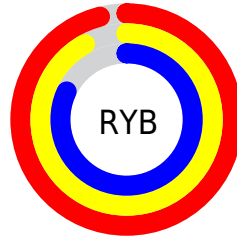
Distribution



Red (96%)

Green (87%)

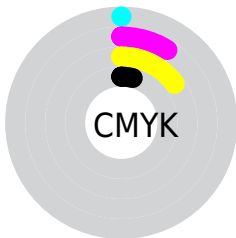
Blue (82%)



Red (96%)

Yellow (92%)

Blue (82%)

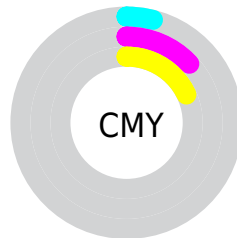


Cyan (0%)

Magenta (9%)

Yellow (15%)

Black (4%)



Cyan (4%)

Magenta (13%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.0811, 76.5625, 70.4954 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 75.0811, 76.5625, 70.4954 by changing the saturation by 10% instead.

75.0811, 76.5625,
70.4954

75.0811, 76.5625,
70.4954

467.1892,
483.2711, 481.1236

55.9737, 56.8939,
51.4512

125.4144,
128.5217, 121.6027

40.4188, 40.9200,
36.1886

157.3712,
161.5811, 154.5029

28.0509, 28.2566,
24.2891

194.3417,
199.8729, 192.8588

18.5047, 18.5192,
15.3340

236.6914,
243.7814, 237.0890

11.4148, 11.3234,
8.9049

284.7856,
293.6911, 287.6121

6.4159, 6.2848,
4.5832

338.9898,

3.1426, 3.0190,

349.9863, 344.8465

1.9505

399.6692,
413.0515, 409.2108

■ 1.2296, 1.1417,
0.5246

■ 0.1296, 0.0133,
0.0000

■ 75.0811, 76.5625,
70.4954

■ 75.0811, 76.5625,
70.4954

■ 68.6640, 68.1681,
54.6676

■ 82.2838, 85.7876,
88.8654

■ 62.9974, 60.5701,
41.2635

■ 90.0017, 95.7395,
108.3437

■ 58.0526, 53.7467,
30.1629

■ 91.1186, 97.9733,
108.7160

■ 53.7965, 47.6709,
21.2327

■ 50.1929, 42.3143,
14.3264

■ 47.2017, 37.6458,
9.2788

■ 44.7775, 33.6318,
5.8984

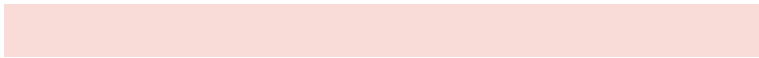
■ 42.8660, 30.2339,
3.9505

■ 42.0302, 28.6766,
3.3199

Harmonies

Analogous

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



77.2114, 76.5625, 75.1511



75.0811, 76.5625, 70.4954



72.3782, 76.5625, 69.2038

Triad

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



75.0811, 76.5625, 70.4954



67.6418, 76.5625, 84.4939



75.7781, 76.5625, 96.4639

Complementary

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



75.0811, 76.5625, 70.4954



70.3606, 75.9787, 96.5457

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.



73.1640, 76.5625, 99.3339



75.0811, 76.5625, 70.4954



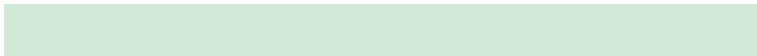
68.5030, 76.5625, 92.1535

Square

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



75.0811, 76.5625, 70.4954



68.1263, 76.5625, 76.9846



70.5075, 76.5625, 97.7095



77.6208, 76.5625, 90.0855

Rectangle

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



75.0811, 76.5625, 70.4954



70.6256, 76.5625, 70.3516



70.5075, 76.5625, 97.7095



74.9581, 76.5625, 97.8885

Sweetspot

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



75.0832, 76.5659, 70.4970



91.5824, 95.6234, 99.8565



74.0079, 70.0031, 83.7410



19.4663, 20.2948, 21.0207



0.0000, 0.0000, 0.0000



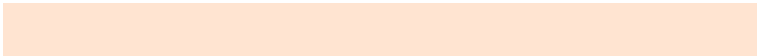
20.3446, 21.4041, 23.3091

Same Dimension

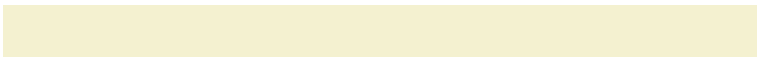
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.0832, 76.5659, 70.4970



80.5679, 81.4822, 71.8678



80.1495, 86.6986, 72.1858



17.0666, 17.6173, 17.2985



22.9812, 15.8480, 1.8477



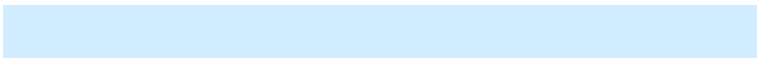
2.1188, 1.5909, 0.1954

Inverse Universe

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



70.3606, 75.9787, 96.5457



74.3306, 80.7056, 106.2678



65.6369, 66.5312, 94.9711



16.3842, 17.5326, 21.0632



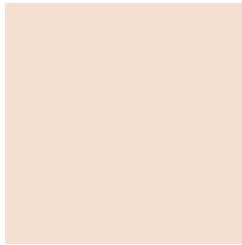
14.3012, 14.3962, 48.5630



1.3583, 1.4680, 4.3020

Previews

White Background



This preview shows how the XYZ color 75.0811, 76.5625, 70.4954 looks on a white background.

Color Contrast Check

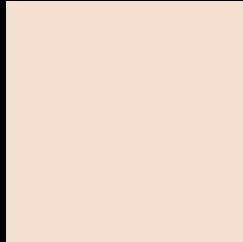
Large Text (above 18pt) WCAG AA × Fail

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 75.0811, 76.5625, 70.4954 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 75.0811, 76.5625, 70.4954

Background



This preview shows how black text looks on a background with the XYZ color 75.0811, 76.5625, 70.4954.



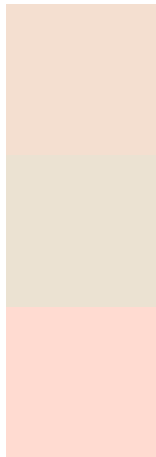
This preview shows how white text looks on a background with the XYZ color 75.0811, 76.5625,

70.4954.

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

75.0811, 76.5625, 70.4954

Protanopia

73.0902, 76.7080, 71.9266

Deuteranopia

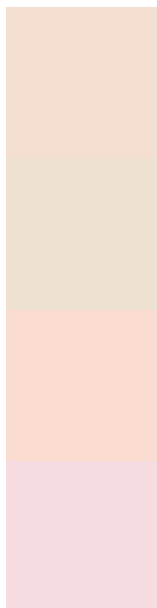
78.0801, 76.5265, 70.9774



Tritanopia

79.1832, 76.6756, 89.9833

Trichromacy



Original Color

75.0811, 76.5625, 70.4954

Protanomaly

73.6937, 76.6310, 71.2288

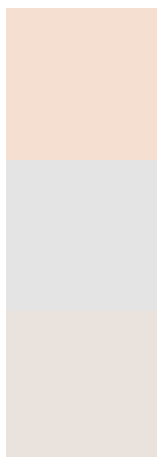
Deuteranomaly

76.8855, 76.2991, 70.9965

Tritanomaly

77.6784, 76.4515, 82.6140

Monochromacy



Original Color

75.0811, 76.5625, 70.4954

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.1792, 77.1056, 79.3798

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.0811, 76.5625, 70.4954 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, 223, 208)` looks like.

```
.text, #text, p{  
    color:rgb(244, 223, 208)  
}
```

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, 223, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 223, 208) }
```

Border

The CSS property to change the border of an element to XYZ 75.0811, 76.5625, 70.4954 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, 223, 208) }
```


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

```
.border{ border-color:rgb(244, 223, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 223, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 223, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 223, 208);  
box-shadow:4px 4px 4px 4px rgb(244, 223,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 75.0811, 76.5625, 70.4954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 223, 208) }
```

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

```
.background{ background-color: rgb(244,  
223, 208) }
```

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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