

Converting Colors

XYZ(74.3887, 75.5335, 70.8519)

Have a look what the booklet for
XYZ(74.3887, 75.5335, 70.8519)
contains.

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Color

**XYZ(74.3272, 75.3710,
70.9522)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | F3DDD1 |
| RGB | 243, 221, 209 |
| RGB Percent | 95%, 87%, 82% |
| CMY | 0.0471, 0.1333, 0.1804 |
| CMYK | 0.00, 0.09, 0.14, 0.05 |
| HSL | 21°, 59%, 89% |
| HSV | 21°, 14%, 95% |
| XYZ | 74.3272, 75.3710, 70.9522 |
| YIQ | 226.2100, 16.9640, 0.9320 |

Conversions

Conversions Part 2

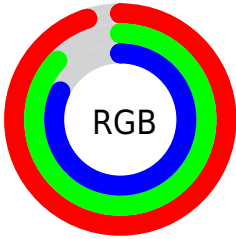
| Format | Color |
|-------------------------------------|--|
| RYB | 243, 228, 209 |
| Decimal | 15982033 |
| CIELab | 89.57, 5.62, 8.62 |
| CIELCh | 90, 10.291, 56.871 |
| Yxy | 75.3710, 0.3369, 0.3416 |
| Android (android.graphics.Color) | 4294172113 (0xFFFF3DDD1) |
| YUV | 226.2100, -8.4845, 14.7248 |
| Hunter-Lab | 86.8165, 0.8925, 12.3158 |

Details

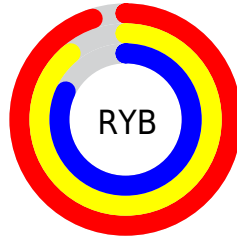
The XYZ color **74.3272, 75.3710, 70.9522** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.0477, 77.1766, 95.9467**, and the grayscale version is **72.4932, 76.2685, 83.0564**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0461, 40.2038, 36.6598** is the 20% darker color. If you saturate the color by 10%, you get **67.5876, 66.3444, 54.9774**, and if you desaturate by 10%, it is **81.9186, 85.3652, 89.4765**.

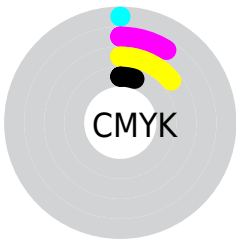
Distribution



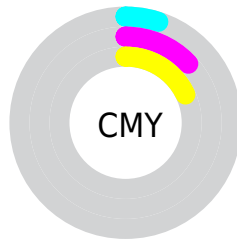
- Red (95%)
- Green (87%)
- Blue (82%)



- Red (95%)
- Yellow (89%)
- Blue (82%)



- Cyan (0%)
- Magenta (9%)
- Yellow (14%)
- Black (5%)





- Cyan (5%)
- Magenta (13%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.3272, 75.3710, 70.9522 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 74.3272, 75.3710, 70.9522 by changing the saturation by 10% instead.


 74.3272, 75.3710,
70.9522

 74.3272, 75.3710,
70.9522

464.6348,
479.1918, 482.7655

 55.3541, 55.9169,
51.8216

124.3525,
126.8374, 122.2595

 39.9203, 40.1363,
36.4816


156.1355,
159.6184, 155.2732

 27.6603, 27.6448,
24.5138


192.9191,
197.6106, 193.7518

 18.2089, 18.0581,
15.4995

235.0688,
241.1983, 238.1137

 11.2007, 10.9917,
9.0202

282.9498,
290.7658, 288.7775

 6.2703, 6.0613,
4.6573

336.9276,

 3.0523, 2.8824,

346.6977, 346.1617

1.9925

397.3675,
409.3782, 410.6848

■ 1.1815, 1.0706,
0.5506

■ 0.0917, 0.0000,
0.0000

■ 74.3272, 75.3710,
70.9522

■ 74.3272, 75.3710,
70.9522

■ 67.5876, 66.3444,
54.9774

■ 81.9186, 85.3652,
89.4765

■ 61.6622, 58.2457,
41.4347

■ 89.9633, 96.1765,
108.4301

■ 56.5196, 51.0474,
30.2046

■ 90.7724, 97.7948,
108.6998

■ 52.1241, 44.7164,
21.1552

■ 48.4365, 39.2176,
14.1414

■ 45.4138, 34.5131,
9.0003

■ 43.0074, 30.5615,
5.5431

■ 41.1600, 27.3164,
3.5404

■ 40.2740, 25.6780,
2.8337

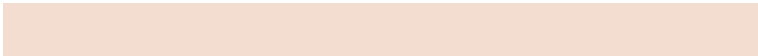
Harmonies

Analogous

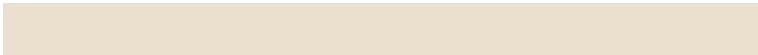
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.0616, 75.3710, 75.9339



74.3272, 75.3710, 70.9522



71.9035, 75.3710, 68.9368

Triad

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



74.3272, 75.3710, 70.9522



66.8934, 75.3710, 81.3088



73.8573, 75.3710, 95.1200

Complementary

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



74.3272, 75.3710, 70.9522



71.0477, 77.1766, 95.9467

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.



71.3729, 75.3710, 96.7649



74.3272, 75.3710, 70.9522



67.3891, 75.3710, 88.5200

Square

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



74.3272, 75.3710, 70.9522



67.6441, 75.3710, 74.6913



69.0142, 75.3710, 94.2841



75.7858, 75.3710, 89.9113

Rectangle

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



74.3272, 75.3710, 70.9522



70.2365, 75.3710, 69.4530



69.0142, 75.3710, 94.2841



73.0578, 75.3710, 96.1209

Sweetspot

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



74.3293, 75.3743, 70.9538



91.3818, 95.2222, 99.7896



74.2014, 70.4318, 85.3601



19.4156, 20.1934, 21.0038



0.0000, 0.0000, 0.0000



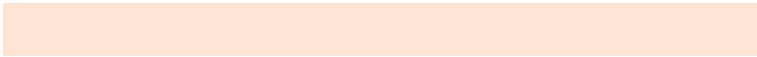
20.3446, 21.4041, 23.3091

Same Dimension

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



74.3293, 75.3743, 70.9538



80.5365, 80.9097, 73.4285



79.0170, 84.7498, 72.5164



16.9778, 17.4397, 17.2689



22.2183, 14.3222, 1.5934



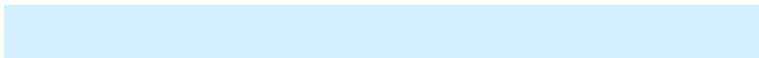
2.0458, 1.4448, 0.1710

Inverse Universe

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



71.0477, 77.1766, 95.9467



76.1708, 83.3054, 106.6727



66.5450, 68.1712, 94.4458



16.4757, 17.7157, 21.0937



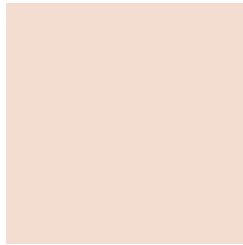
15.6467, 17.0871, 49.0115



1.4716, 1.6947, 4.3398

Previews

White Background



This preview shows how the XYZ color 74.3272, 75.3710, 70.9522 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 74.3272, 75.3710, 70.9522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

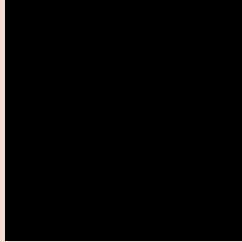
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.3272, 75.3710, 70.9522

Background



This preview shows how black text looks on a background with the XYZ color 74.3272, 75.3710, 70.9522.



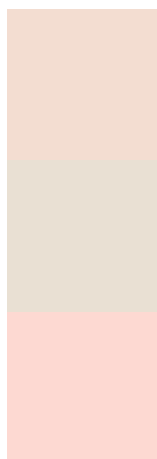
This preview shows how white text looks on a background with the XYZ color 74.3272, 75.3710,

70.9522.

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

74.3272, 75.3710, 70.9522

Protanopia

72.0178, 75.3381, 72.3740

Deuteranopia

76.9537, 75.1615, 71.4245



Tritanopia

77.6702, 75.1591, 88.2554

Trichromacy



Original Color

74.3272, 75.3710, 70.9522

Protanomaly

72.9456, 75.4330, 71.6882

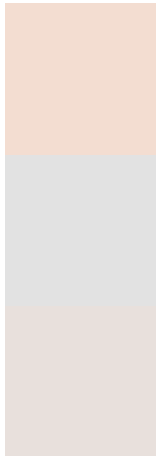
Deuteranomaly

75.7712, 74.9357, 71.4432

Tritanomaly

76.3182, 74.9915, 81.6866

Monochromacy



Original Color

74.3272, 75.3710, 70.9522

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.8526, 75.6344, 78.4693

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.3272, 75.3710, 70.9522 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(243, 221, 209) looks like.

```
.text, #text, p{  
    color:rgb(243, 221, 209)  
}
```

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(243, 221, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 221, 209) }
```

Border

The CSS property to change the border of an element to XYZ 74.3272, 75.3710, 70.9522 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(243, 221, 209) }
```


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

```
.border{ border-color:rgb(243, 221, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 221, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 221, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 221, 209);  
box-shadow:4px 4px 4px 4px rgb(243, 221,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 74.3272, 75.3710, 70.9522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 221, 209) }
```

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

```
.background{ background-color: rgb(243,  
221, 209) }
```

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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