

Converting Colors

XYZ(78.1527, 73.2270, 68.4179)

Have a look what the booklet for
XYZ(78.1527, 73.2270, 68.4179)
contains.

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Color

**XYZ(75.4272, 71.8094,
68.2777)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD2CE
RGB	255, 210, 206
RGB Percent	100%, 82%, 81%
CMY	0.0000, 0.1764, 0.1922
CMYK	0.00, 0.18, 0.19, 0.00
HSL	5°, 100%, 90%
HSV	5°, 19%, 100%
XYZ	75.4272, 71.8094, 68.2777
YIQ	222.9990, 28.1040, 8.2960

Conversions

Conversions Part 2

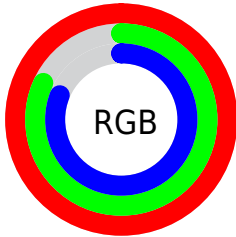
Format	Color
R _Y B	255, 210, 206
Decimal	16765646
CIE Lab	87.88, 15.17, 7.91
CIE LCh	88, 17.108, 27.544
Yxy	71.8094, 0.3500, 0.3332
Android (android.graphics.Color)	4294955726 (0xFFFFD2CE)
YUV	222.9990, -8.3805, 28.0649
Hunter-Lab	84.7404, 10.5866, 11.5467

Details

The XYZ color **75.4272, 71.8094, 68.2777** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.9998, 89.3336, 107.7398**, and the grayscale version is **70.1837, 73.8387, 80.4103**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6775, 37.7155, 34.8416** is the 20% darker color. If you saturate the color by 10%, you get **67.2129, 59.9428, 51.4760**, and if you desaturate by 10%, it is **84.9933, 85.5750, 88.0112**.

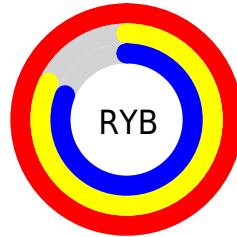
Distribution



Red (100%)

Green (82%)

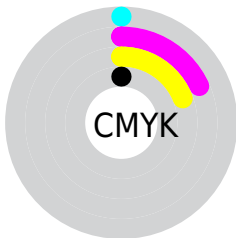
Blue (81%)



Red (100%)

Yellow (82%)

Blue (81%)

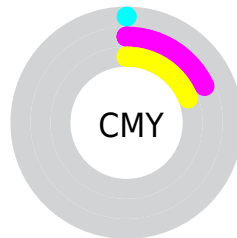


Cyan (0%)

Magenta (18%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (18%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.4272, 71.8094, 68.2777 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 75.4272, 71.8094, 68.2777 by changing the saturation by 10% instead.


 75.4272, 71.8094,
68.2777

 75.4272, 71.8094,
68.2777


468.3592,
466.8779, 473.1040

 56.2583, 53.0030,
49.6556


125.9016,
121.7855, 118.4073

 40.6479, 37.8052,
34.7706


157.9378,
153.7240, 150.7519

 28.2305, 25.8315,
23.2040

194.9939,
190.8086, 188.5077

 18.6408, 16.6976,
14.5375

237.4351,
233.4238, 232.0932

 11.5135, 10.0191,
8.3525

285.6269,
281.9540, 281.9271

 6.4832, 5.4117,
4.2303

339.9347,

 3.1845, 2.4908,

336.7834, 338.4278

1.7525

400.7236,
398.2966, 402.0140

■ 1.2521, 0.8720,
0.3964

■ 0.1469, 0.0000,
0.0000

■ 75.4272, 71.8094,
68.2777

■ 75.4272, 71.8094,
68.2777

■ 67.2129, 59.9428,
51.4760

■ 84.9933, 85.5750,
88.0112

■ 60.2847, 49.8829,
37.4620

95.0500, 100.0000,
108.9000

■ 54.5787, 41.5440,
26.0863

■ 50.0237, 34.8294,
17.1833

■ 46.5411, 29.6331,
10.5691

■ 44.0423, 25.8364,
6.0340

■ 42.4244, 23.3029,
3.3295

■ 41.5510, 21.8645,
2.0878

■ 41.5052, 21.7905,
2.0184

Harmonies

Analogous

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



76.3713, 71.8094, 79.1522



75.4272, 71.8094, 68.2777



72.5379, 71.8094, 60.7646

Triad

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



75.4272, 71.8094, 68.2777



61.8616, 71.8094, 66.7698



67.9180, 71.8094, 102.7783

Complementary

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



75.4272, 71.8094, 68.2777



77.9998, 89.3336, 107.7398

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.



64.1397, 71.8094, 98.6597



75.4272, 71.8094, 68.2777



60.7308, 71.8094, 77.2321

Square

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



75.4272, 71.8094, 68.2777



64.6983, 71.8094, 59.9567



61.5482, 71.8094, 89.0142



71.9349, 71.8094, 99.7850

Rectangle

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



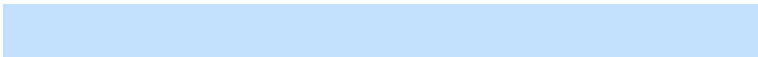
75.4272, 71.8094, 68.2777



69.9541, 71.8094, 58.2866



61.5482, 71.8094, 89.0142



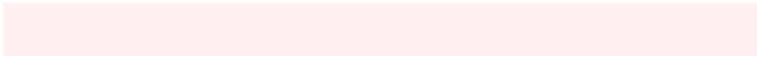
66.5791, 71.8094, 102.1714

Sweetspot

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



75.4289, 71.8125, 68.2792



88.3643, 90.4147, 94.9991



80.8401, 72.4147, 101.5908



18.7645, 19.1385, 20.0243



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

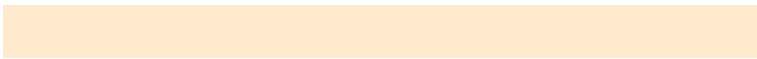
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.4289, 71.8125, 68.2792



72.1638, 67.1016, 61.5821



81.7374, 84.4296, 70.3820



18.1286, 18.2255, 18.7067



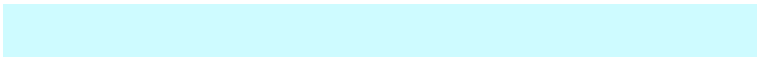
21.7287, 11.4685, 1.0684



2.1547, 1.1947, 0.1170

Inverse Universe

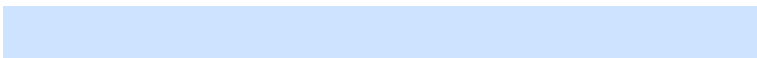
The Inverse Universe completely reimagines the original color for something new.



77.9998, 89.3336, 107.7398



75.1560, 87.5025, 107.5363



71.0372, 75.4084, 105.4190



18.4204, 20.2124, 23.1805



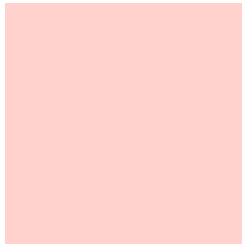
24.8823, 34.6743, 54.8160



2.4587, 3.4482, 5.3492

Previews

White Background



This preview shows how the XYZ color 75.4272, 71.8094, 68.2777 looks on a white background.

Color Contrast Check

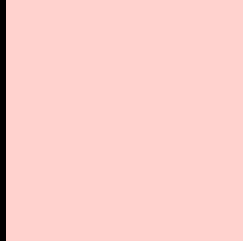
Large Text (above 18pt) WCAG AA × Fail

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 75.4272, 71.8094, 68.2777 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 75.4272, 71.8094, 68.2777

Background



This preview shows how black text looks on a background with the XYZ color 75.4272, 71.8094, 68.2777.



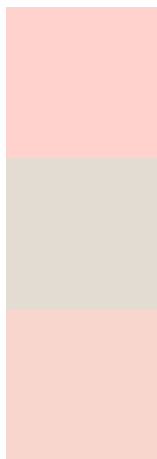
This preview shows how white text looks on a background with the XYZ color 75.4272, 71.8094,

68.2777.

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

75.4272, 71.8094, 68.2777

Protanopia

69.0296, 72.2204, 71.9297

Deuteranopia

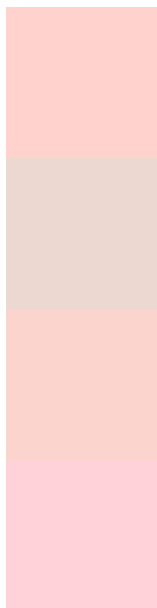
73.5251, 71.9527, 67.7707



Tritanopia

77.1152, 71.6995, 79.5870

Trichromacy



Original Color

75.4272, 71.8094, 68.2777

Protanomaly

70.9895, 71.7197, 70.4233

Deuteranomaly

74.3466, 72.0040, 67.7373

Tritanomaly

76.5648, 71.8707, 75.4827

Monochromacy



Original Color

75.4272, 71.8094, 68.2777

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

71.8567, 72.8147, 75.9130

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.4272, 71.8094, 68.2777 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(255, 210, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 206)  
}
```

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(255, 210, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 206) }
```

Border

The CSS property to change the border of an element to XYZ 75.4272, 71.8094, 68.2777 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(255, 210, 206) }
```


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

```
.border{ border-color:rgb(255, 210, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 210, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 75.4272, 71.8094, 68.2777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 210, 206) }
```

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

```
.background{ background-color: rgb(255,  
210, 206) }
```

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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