

Converting Colors

XYZ(75.0056, 70.1107, 76.1002)

Have a look what the booklet for
XYZ(75.0056, 70.1107, 76.1002)
contains.

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Color

**XYZ(74.8711, 69.9000,
75.8756)**

Conversions

Conversions Part 1

Format	Color
Hex	FCCEDA
RGB	252, 206, 218
RGB Percent	99%, 81%, 85%
CMY	0.0118, 0.1921, 0.1451
CMYK	0.00, 0.18, 0.13, 0.01
HSL	344°, 88%, 90%
HSV	344°, 18%, 99%
XYZ	74.8711, 69.9000, 75.8756
YIQ	221.1220, 23.5640, 13.4840

Conversions

Conversions Part 2

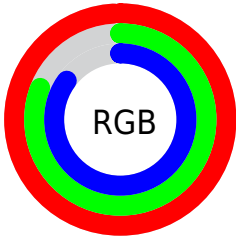
Format	Color
R _Y B	252, 206, 218
Decimal	16568026
CIE Lab	86.95, 18.03, 0.18
CIE LCh	87, 18.033, 0.578
Yxy	69.9000, 0.3393, 0.3168
Android (android.graphics.Color)	4294758106 (0xFFFCCEDA)
YUV	221.1220, -1.5391, 27.0800
Hunter-Lab	83.6062, 13.5396, 4.7166

Details

The XYZ color **74.8711, 69.9000, 75.8756** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.9950, 89.0357, 95.6226**, and the grayscale version is **68.8134, 72.3971, 78.8404**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.3448, 36.7029, 39.6083** is the 20% darker color. If you saturate the color by 10%, you get **66.9819, 57.8054, 61.8877**, and if you desaturate by 10%, it is **84.0108, 84.0557, 91.6337**.

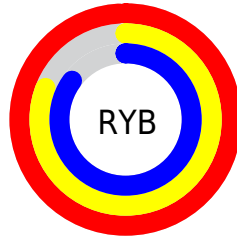
Distribution



Red (99%)

Green (81%)

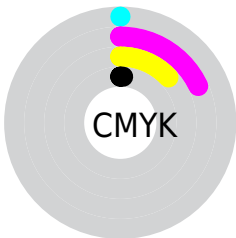
Blue (85%)



Red (99%)

Yellow (81%)

Blue (85%)

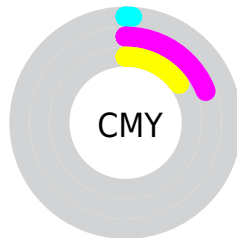


Cyan (0%)

Magenta (18%)

Yellow (13%)

Black (1%)



Cyan (1%)


Magenta (19%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.8711, 69.9000, 75.8756 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 74.8711, 69.9000, 75.8756 by changing the saturation by 10% instead.


 74.8711, 69.9000,
75.8756

 74.8711, 69.9000,
75.8756


466.4784,
460.1988, 500.2572

 55.8011, 51.4450,
55.8245


125.1188,
119.0661, 129.3095

 40.2798, 36.5629,
39.6592

157.0271,
150.5461, 163.5294

 27.9420, 24.8692,
26.9611


193.9457,
187.1365, 203.3092

 18.4222, 15.9797,
17.3118

236.2398,
229.2217, 249.0676

 11.3550, 9.5098,
10.2928

284.2747,
277.1861, 301.2231

 6.3752, 5.0751,
5.4854

338.4159,

 3.1174, 2.2914,

331.4142, 360.1941

2.4711

399.0287,
392.2903, 426.3993

■ 1.2161, 0.7692,
0.8248

■ 0.1190, 0.0000,
0.0000

■ 74.8711, 69.9000,
75.8756

■ 74.8711, 69.9000,
75.8756

■ 66.9819, 57.8054,
61.8877

■ 84.0108, 84.0557,
91.6337

■ 60.2821, 47.6662,
49.6026

■ 93.9553, 99.4356,
108.8488

■ 54.7140, 39.3818,
38.9550

■ 50.2129, 32.8388,
29.8735

■ 46.7072, 27.9109,
22.2814

■ 44.1159, 24.4550,
16.0947

■ 42.3448, 22.3024,
11.2201

■ 41.2666, 21.2207,
7.5477

■ 41.1204, 21.0857,
7.0140

Harmonies

Analogous

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



73.7459, 69.9000, 88.0833



74.8711, 69.9000, 75.8756



73.6584, 69.9000, 64.9077

Triad

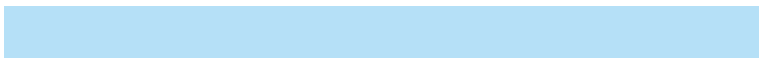
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.8711, 69.9000, 75.8756



62.4019, 69.9000, 57.8332



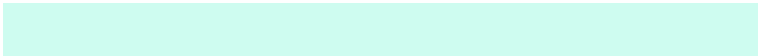
62.5377, 69.9000, 98.1560

Complementary

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



74.8711, 69.9000, 75.8756



75.9950, 89.0357, 95.6226

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.



59.7053, 69.9000, 88.5305



74.8711, 69.9000, 75.8756



59.6293, 69.9000, 65.2727

Square

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



74.8711, 69.9000, 75.8756



66.3562, 69.9000, 55.1893



58.6629, 69.9000, 76.3433



66.5195, 69.9000, 101.7424

Rectangle

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



74.8711, 69.9000, 75.8756



71.7155, 69.9000, 59.5588



58.6629, 69.9000, 76.3433



61.4257, 69.9000, 95.4725

Sweetspot

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



74.8731, 69.9031, 75.8771



89.6360, 91.5409, 99.7922



75.4891, 69.6528, 101.5620



19.0288, 19.3487, 21.0938



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.



74.8731, 69.9031, 75.8771



73.7182, 66.8919, 72.3307



76.0320, 74.6430, 68.7965



17.4304, 17.2995, 18.8563



21.4708, 11.0040, 3.9217



2.0300, 1.0358, 0.5816

Inverse Universe

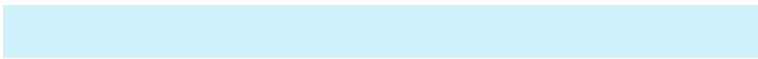
The Inverse Universe completely reimagines the original color for something new.



74.8731, 69.9031, 75.8771



73.7182, 66.8919, 72.3307



74.5610, 83.2209, 104.2298



17.4304, 17.2995, 18.8563



21.4708, 11.0040, 3.9217



2.0300, 1.0358, 0.5816

Previews

White Background



This preview shows how the XYZ color 74.8711, 69.9000, 75.8756 looks on a white background.

Color Contrast Check

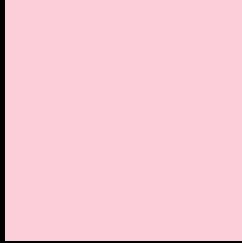
Large Text (above 18pt) WCAG AA × Fail

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 74.8711, 69.9000, 75.8756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

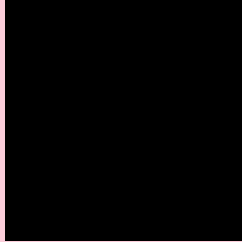
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.8711, 69.9000, 75.8756

Background



This preview shows how black text looks on a background with the XYZ color 74.8711, 69.9000, 75.8756.



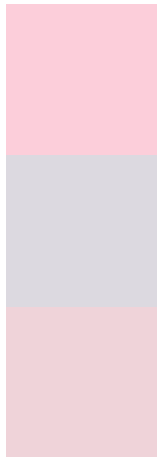
This preview shows how white text looks on a background with the XYZ color 74.8711, 69.9000,

75.8756.

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

74.8711, 69.9000, 75.8756

Protanopia

67.7826, 70.2232, 80.5029

Deuteranopia

71.4153, 69.9490, 75.3832



Tritanopia

75.0274, 69.5785, 77.8822

Trichromacy



Original Color

74.8711, 69.9000, 75.8756

Protanomaly

70.2578, 70.0182, 78.9191

Deuteranomaly

72.6331, 69.8438, 75.2987

Tritanomaly

74.8945, 69.5254, 77.1825

Monochromacy



Original Color

74.8711, 69.9000, 75.8756

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

70.7528, 71.4348, 77.7694

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.8711, 69.9000, 75.8756 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(252, 206, 218)` looks like.

```
.text, #text, p{  
    color:rgb(252, 206, 218)  
}
```

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(252, 206, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 206, 218) }
```

Border

The CSS property to change the border of an element to XYZ 74.8711, 69.9000, 75.8756 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(252, 206, 218) }
```


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

```
.border{ border-color:rgb(252, 206, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 206, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 206, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 206, 218);  
box-shadow:4px 4px 4px 4px rgb(252, 206,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 74.8711, 69.9000, 75.8756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 206, 218) }
```

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

```
.background{ background-color: rgb(252,  
206, 218) }
```

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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