

Converting Colors

XYZ(76.9027, 74.2981, 70.1951)

Have a look what the booklet for
XYZ(76.9027, 74.2981, 70.1951)
contains.

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Color

**XYZ(76.9256, 74.4149,
69.9836)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD7D0
RGB	255, 215, 208
RGB Percent	100%, 84%, 82%
CMY	0.0000, 0.1568, 0.1843
CMYK	0.00, 0.16, 0.18, 0.00
HSL	9°, 100%, 91%
HSV	9°, 18%, 100%
XYZ	76.9256, 74.4149, 69.9836
YIQ	226.1620, 26.0870, 6.3030

Conversions

Conversions Part 2

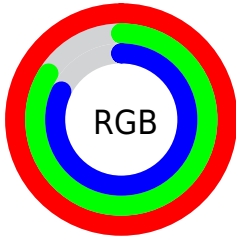
Format	Color
R _Y B	255, 216, 208
Decimal	16766928
CIE Lab	89.12, 12.86, 8.64
CIE LCh	89, 15.494, 33.882
Yxy	74.4149, 0.3476, 0.3362
Android (android.graphics.Color)	4294957008 (0xFFFFD7D0)
YUV	226.1620, -8.9539, 25.2909
Hunter-Lab	86.2641, 8.2145, 12.2846

Details

The XYZ color **76.9256, 74.4149, 69.9836** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.6289, 87.7622, 107.4561**, and the grayscale version is **72.4569, 76.2303, 83.0148**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.6922, 39.4805, 35.9949** is the 20% darker color. If you saturate the color by 10%, you get **68.8732, 62.9338, 53.0456**, and if you desaturate by 10%, it is **86.2188, 87.5700, 89.8255**.

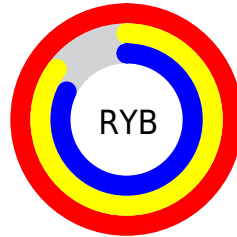
Distribution



Red (100%)

Green (84%)

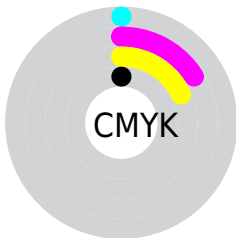
Blue (82%)



Red (100%)

Yellow (85%)

Blue (82%)

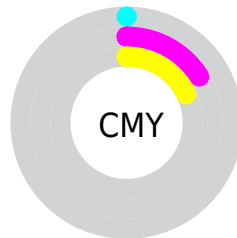


Cyan (0%)

Magenta (16%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.9256, 74.4149, 69.9836 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 76.9256, 74.4149, 69.9836 by changing the saturation by 10% instead.


 76.9256, 74.4149,
69.9836

 76.9256, 74.4149,
69.9836


473.4062,
475.9041, 479.2800

 57.4915, 55.1337,
51.0364


128.0079,
125.4838, 120.8663

 41.6417, 39.5088,
35.8607


160.3867,
158.0402, 153.6389

 29.0107, 27.1557,
24.0378

197.8113,
195.7906, 191.8570

 19.2332, 17.6902,
15.1492

240.6468,
239.1192, 235.9392

 11.9439, 10.7278,
8.7764

289.2587,
288.4104, 286.3041

 6.7774, 5.8841,
4.5008

344.0123,

 3.3684, 2.7747,

344.0487, 343.3702

1.9039

405.2730,
406.4185, 407.5560

■ 1.3514, 1.0153,
0.4952

■ 0.2212, 0.0000,
0.0000

■ 76.9256, 74.4149,
69.9836

■ 76.9256, 74.4149,
69.9836

■ 68.8732, 62.9338,
53.0456

■ 86.2188, 87.5700,
89.8255

■ 62.0038, 53.0500,
38.8707

95.0500, 100.0000,
108.9000

■ 56.2624, 44.6955,
27.3131

■ 51.5879, 37.7933,
18.2119

■ 47.9132, 32.2598,
11.3884

■ 45.1631, 28.0028,
6.6393

■ 43.2516, 24.9183,
3.7253

■ 42.0691, 22.8831,
2.3145

■ 41.9333, 22.6465,
2.1611

Harmonies

Analogous

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



78.2183, 74.4149, 79.6264



76.9256, 74.4149, 69.9836



73.9717, 74.4149, 63.7620

Triad

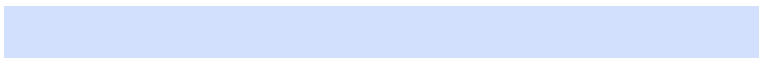
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.9256, 74.4149, 69.9836



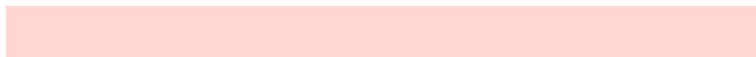
64.4120, 74.4149, 72.2171



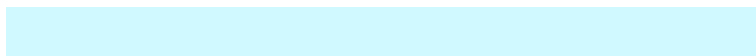
71.2215, 74.4149, 103.5769

Complementary

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



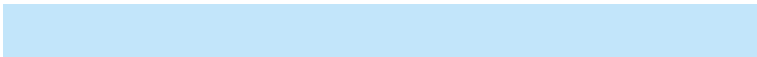
76.9256, 74.4149, 69.9836



77.6289, 87.7622, 107.4561

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.



67.5827, 74.4149, 101.1529



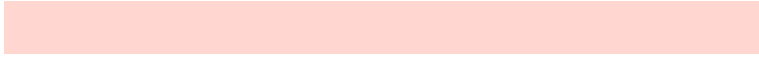
76.9256, 74.4149, 69.9836



63.7340, 74.4149, 82.4403

Square

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



76.9256, 74.4149, 69.9836



66.7606, 74.4149, 64.9688



64.8747, 74.4149, 93.1710



74.8519, 74.4149, 99.5304

Rectangle

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



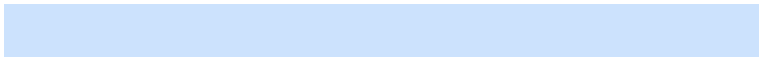
76.9256, 74.4149, 69.9836



71.5053, 74.4149, 62.0695



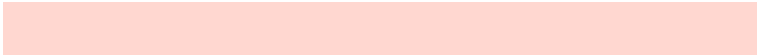
64.8747, 74.4149, 93.1710



69.9586, 74.4149, 103.4936

Sweetspot

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



76.9273, 74.4181, 69.9851



88.6699, 91.0260, 95.1010



80.8536, 73.1954, 99.2715



18.8364, 19.2824, 20.0483



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.



76.9273, 74.4181, 69.9851



73.9133, 70.1311, 63.6130



83.1322, 86.8278, 72.0534



18.2278, 18.4238, 18.7398



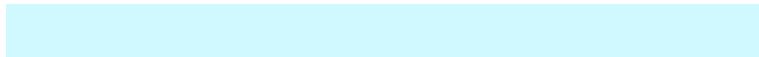
21.9761, 11.9634, 1.1509



2.2013, 1.2879, 0.1326

Inverse Universe

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



77.6289, 87.7622, 107.4561



74.7271, 85.6494, 107.2012



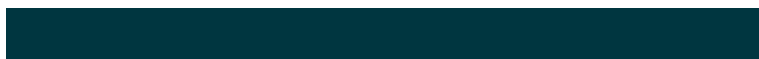
71.0515, 74.6073, 105.2636



18.3106, 19.9928, 23.1439



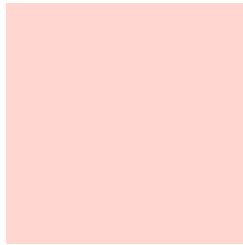
22.4838, 29.8771, 54.0164



2.2491, 3.0289, 5.2794

Previews

White Background



This preview shows how the XYZ color 76.9256, 74.4149, 69.9836 looks on a white background.

Color Contrast Check

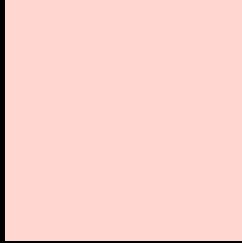
Large Text (above 18pt) WCAG AA × Fail

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 76.9256, 74.4149, 69.9836 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

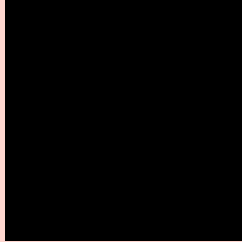
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.9256, 74.4149, 69.9836

Background



This preview shows how black text looks on a background with the XYZ color 76.9256, 74.4149, 69.9836.

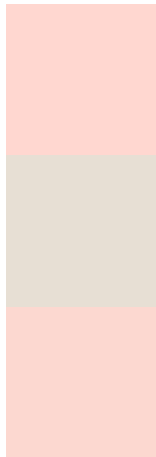


This preview shows how white text looks on a background with the XYZ color 76.9256, 74.4149,

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

76.9256, 74.4149, 69.9836

Protanopia

71.2263, 74.5177, 72.9167

Deuteranopia

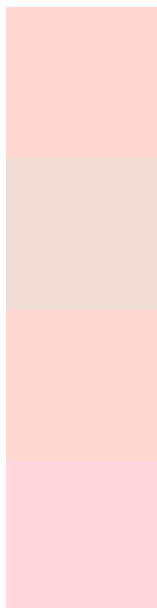
76.0859, 74.3612, 70.0175



Tritanopia

79.0378, 74.4499, 83.6033

Trichromacy



Original Color

76.9256, 74.4149, 69.9836

Protanomaly

73.2863, 74.4148, 72.1289

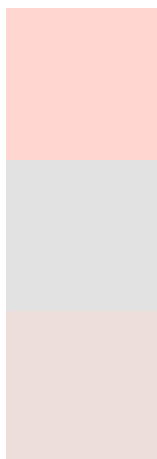
Deuteranomaly

76.4490, 74.5484, 70.0345

Tritanomaly

78.3377, 74.5736, 78.6719

Monochromacy



Original Color

76.9256, 74.4149, 69.9836

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

73.8325, 75.3616, 77.6727

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.9256, 74.4149, 69.9836 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, 215, 208)` looks like.

```
.text, #text, p{  
    color:rgb(255, 215, 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(255, 215, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 215, 208) }
```

Border

The CSS property to change the border of an element to XYZ 76.9256, 74.4149, 69.9836 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, 215, 208) }
```


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

```
.border{ border-color:rgb(255, 215, 208) }
```

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

Here you see how a box with a 4 pixel rgb(255, 215, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 215, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 215, 208);  
box-shadow:4px 4px 4px 4px rgb(255, 215,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 76.9256, 74.4149, 69.9836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 215, 208) }
```

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

```
.background{ background-color: rgb(255,  
215, 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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