

Converting Colors

XYZ(76.8510, 74.4852, 69.2822)

Have a look what the booklet for
XYZ(76.8510, 74.4852, 69.2822)
contains.

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Color

**XYZ(76.8029, 74.3659,
69.3376)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD7CF
RGB	255, 215, 207
RGB Percent	100%, 84%, 81%
CMY	0.0000, 0.1568, 0.1882
CMYK	0.00, 0.16, 0.19, 0.00
HSL	10°, 100%, 91%
HSV	10°, 19%, 100%
XYZ	76.8029, 74.3659, 69.3376
YIQ	226.0480, 26.4080, 5.9920

Conversions

Conversions Part 2

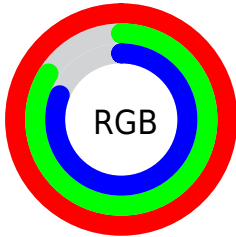
Format	Color
R _Y B	255, 217, 207
Decimal	16766927
CIE Lab	89.10, 12.71, 9.13
CIE LCh	89, 15.654, 35.683
Yxy	74.3659, 0.3483, 0.3373
Android (android.graphics.Color)	4294957007 (0xFFFFD7CF)
YUV	226.0480, -9.3907, 25.3909
Hunter-Lab	86.2357, 8.0626, 12.6930

Details

The XYZ color **76.8029, 74.3659, 69.3376** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.0419, 87.0043, 107.3407**, and the grayscale version is **72.3774, 76.1467, 82.9238**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.6093, 39.4473, 35.5580** is the 20% darker color. If you saturate the color by 10%, you get **68.8702, 63.0932, 52.5347**, and if you desaturate by 10%, it is **85.9454, 87.2518, 89.0295**.

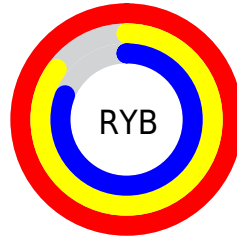
Distribution



Red (100%)

Green (84%)

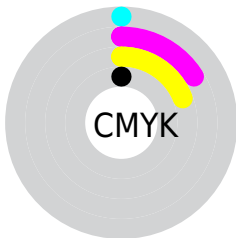
Blue (81%)



Red (100%)

Yellow (85%)

Blue (81%)

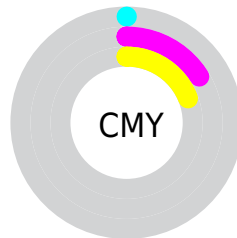


Cyan (0%)

Magenta (16%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.8029, 74.3659, 69.3376 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 76.8029, 74.3659, 69.3376 by changing the saturation by 10% instead.


 76.8029, 74.3659,
69.3376

 76.8029, 74.3659,
69.3376

472.9940,
475.7353, 476.9469

 57.3905, 55.0936,
50.5132

127.8355,
125.4144, 119.9359

 41.5602, 39.4766,
35.4473


160.1865,
157.9593, 152.5469

 28.9467, 27.1307,
23.7214

197.5809,
195.6972, 190.5905

 19.1846, 17.6714,
14.9168

240.3843,
239.0125, 234.4853

 11.9085, 10.7143,
8.6150

288.9620,
288.2895, 284.6498

 6.7532, 5.8751,
4.3976

343.6792,

 3.3532, 2.7693,

343.9127, 341.5025

1.8459

404.9014,
406.2665, 405.4621

■ 1.3432, 1.0125,
0.4580

■ 0.2152, 0.0000,
0.0000

■ 76.8029, 74.3659,
69.3376

■ 76.8029, 74.3659,
69.3376

■ 68.8702, 63.0932,
52.5347

■ 85.9454, 87.2518,
89.0295

■ 62.0910, 53.3605,
38.4803

95.0500, 100.0000,
108.9000

■ 56.4122, 45.1036,
27.0287

■ 51.7748, 38.2497,
18.0191

■ 48.1137, 32.7200,
11.2729

■ 45.3565, 28.4276,
6.5867

■ 43.4200, 25.2749,
3.7204

■ 42.1959, 23.1454,
2.3297

■ 42.0868, 22.9535,
2.2123

Harmonies

Analogous

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



78.2275, 74.3659, 78.9115



76.8029, 74.3659, 69.3376



73.7430, 74.3659, 63.3144

Triad

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



76.8029, 74.3659, 69.3376



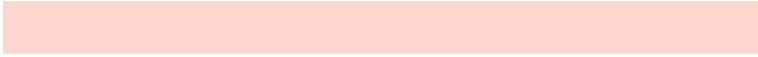
64.2133, 74.3659, 72.6343



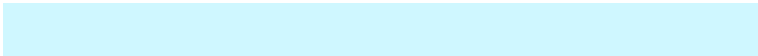
71.4107, 74.3659, 103.7004

Complementary

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



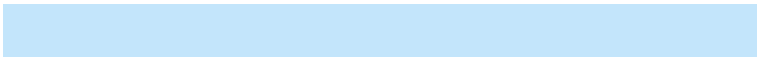
76.8029, 74.3659, 69.3376



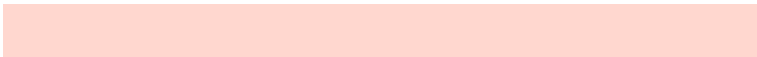
77.0419, 87.0043, 107.3407

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.



67.7080, 74.3659, 101.6402



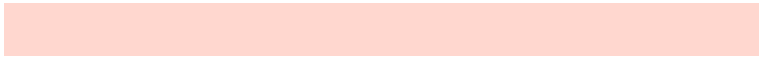
76.8029, 74.3659, 69.3376



63.6390, 74.3659, 83.0677

Square

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



76.8029, 74.3659, 69.3376



66.4940, 74.3659, 65.0946



64.8963, 74.3659, 93.8397



75.0434, 74.3659, 99.2412

Rectangle

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



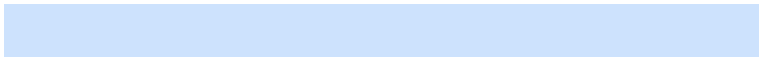
76.8029, 74.3659, 69.3376



71.2355, 74.3659, 61.7971



64.8963, 74.3659, 93.8397



70.1324, 74.3659, 103.7518

Sweetspot

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



76.8047, 74.3692, 69.3391



88.7507, 91.1876, 95.1279



80.3418, 72.6018, 97.7750



18.8555, 19.3204, 20.0547



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

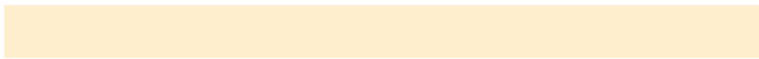
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.8047, 74.3692, 69.3391



73.3466, 69.4672, 61.9764



83.3693, 87.4984, 71.5273



18.2541, 18.4763, 18.7485



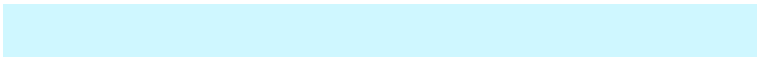
22.0625, 12.1362, 1.1797



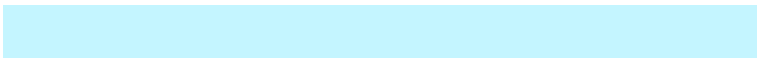
2.2136, 1.3126, 0.1367

Inverse Universe

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



77.0419, 87.0043, 107.3407



73.6248, 84.4401, 107.0259



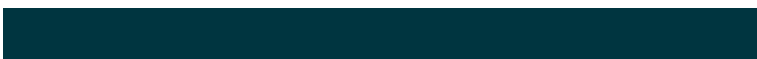
70.1705, 73.2615, 105.0503



18.2819, 19.9353, 23.1343



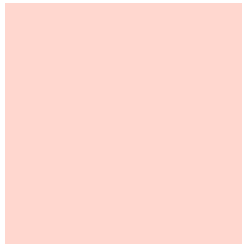
21.8908, 28.6912, 53.8188



2.1968, 2.9243, 5.2619

Previews

White Background



This preview shows how the XYZ color 76.8029, 74.3659, 69.3376 looks on a white background.

Color Contrast Check

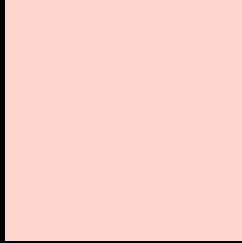
Large Text (above 18pt) WCAG AA × Fail

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 76.8029, 74.3659, 69.3376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

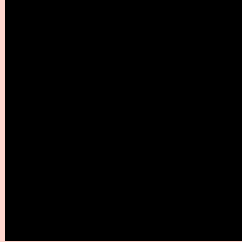
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.8029, 74.3659, 69.3376

Background



This preview shows how black text looks on a background with the XYZ color 76.8029, 74.3659, 69.3376.

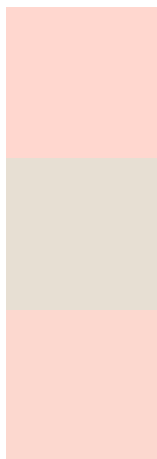


This preview shows how white text looks on a background with the XYZ color 76.8029, 74.3659,

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

76.8029, 74.3659, 69.3376

Protanopia

71.1005, 74.4674, 72.2543

Deuteranopia

75.9632, 74.3122, 69.3715



Tritanopia

79.0378, 74.4499, 83.6033

Trichromacy



Original Color

76.8029, 74.3659, 69.3376

Protanomaly

73.1612, 74.3648, 71.4706

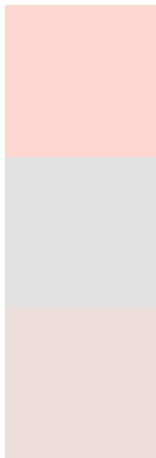
Deuteranomaly

76.3264, 74.4994, 69.3885

Tritanomaly

78.2048, 74.5204, 77.9722

Monochromacy



Original Color

76.8029, 74.3659, 69.3376

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 76.8029, 74.3659, 69.3376 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, 207)` looks like.

```
.text, #text, p{  
    color:rgb(255, 215, 207)  
}
```

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, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 215, 207) }
```

Border

The CSS property to change the border of an element to XYZ 76.8029, 74.3659, 69.3376 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, 207) }
```


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

```
.border{ border-color:rgb(255, 215, 207) }
```

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, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 215, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 215, 207);  
box-shadow:4px 4px 4px 4px rgb(255, 215,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 76.8029, 74.3659, 69.3376 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, 207) }
```

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

```
.background{ background-color: rgb(255,  
215, 207) }
```

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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