

# Converting Colors

XYZ(76.5628, 73.9733, 68.9875)

Have a look what the booklet for  
XYZ(76.5628, 73.9733, 68.9875)  
contains.

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# Color

**XYZ(76.5491, 73.8581,  
69.2530)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FFD6CF
RGB	255, 214, 207
RGB Percent	100%, 84%, 81%
CMY	0.0000, 0.1608, 0.1882
CMYK	0.00, 0.16, 0.19, 0.00
HSL	9°, 100%, 91%
HSV	9°, 19%, 100%
XYZ	76.5491, 73.8581, 69.2530
YIQ	225.4610, 26.6830, 6.5150

# Conversions

## Conversions Part 2

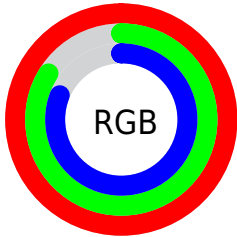
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 215, 207
Decimal	16766671
CIE <sub>Lab</sub>	88.86, 13.23, 8.79
CIE <sub>LCh</sub>	89, 15.886, 33.583
Yxy	73.8581, 0.3485, 0.3362
Android (android.graphics.Color)	4294956751 (0xFFFFD6CF)
YUV	225.4610, -9.1013, 25.9057
Hunter-Lab	85.9407, 8.5972, 12.3813

# Details

The XYZ color **76.5491, 73.8581, 69.2530** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.3486, 87.6177, 107.4429**, and the grayscale version is **71.9513, 75.6984, 82.4355**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.4366, 39.1019, 35.5005** is the 20% darker color. If you saturate the color by 10%, you get **68.5317, 62.4160, 52.4219**, and if you desaturate by 10%, it is **85.8104, 86.9818, 88.9845**.

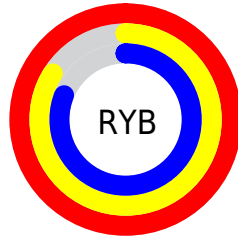
# Distribution



Red (100%)

Green (84%)

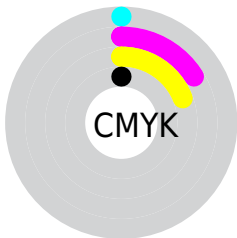
Blue (81%)



Red (100%)

Yellow (84%)

Blue (81%)

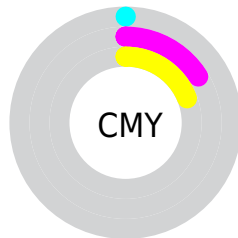


Cyan (0%)

Magenta (16%)

Yellow (19%)

Black (0%)



Cyan (0%)

Magenta (16%)

Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 76.5491, 73.8581, 69.2530 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 76.5491, 73.8581, 69.2530 by changing the saturation by 10% instead.



 76.5491, 73.8581,  
69.2530

 76.5491, 73.8581,  
69.2530


472.1408,  
473.9835, 476.6409

 57.1815, 54.6779,  
50.4447


127.4790,  
124.6946, 119.8140

 41.3917, 39.1439,  
35.3933


159.7721,  
157.1198, 152.4038

 28.8143, 26.8717,  
23.6800


197.1043,  
194.7287, 190.4245

 19.0840, 17.4769,  
14.8864

239.8411,  
237.9057, 234.2947

 11.8353, 10.5751,  
8.5940

288.3478,  
287.0353, 284.4328

 6.7030, 5.7819,  
4.3841

342.9897,

 3.3218, 2.7129,

342.5019, 341.2576

1.8384

404.1323,  
404.6898, 405.1874

■ 1.3261, 0.9838,  
0.4531

■ 0.2026, 0.0000,  
0.0000

■ 76.5491, 73.8581,  
69.2530

■ 76.5491, 73.8581,  
69.2530

■ 68.5317, 62.4160,  
52.4219

■ 85.8104, 86.9818,  
88.9845

■ 61.6998, 52.5783,  
38.3499

95.0500, 100.0000,  
108.9000

■ 55.9983, 44.2757,  
26.8907

■ 51.3652, 37.4305,  
17.8826

■ 47.7326, 31.9579,  
11.1459

■ 45.0247, 27.7640,  
6.4762

■ 43.1542, 24.7433,  
3.6318

■ 42.0077, 22.7691,  
2.2670

■ 41.9082, 22.5964,  
2.1527

# Harmonies

## Analogous

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



77.8501, 73.8581, 79.1013



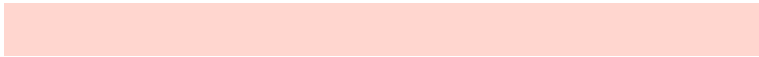
76.5491, 73.8581, 69.2530



73.5450, 73.8581, 62.8876

# Triad

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



76.5491, 73.8581, 69.2530



63.7769, 73.8581, 71.3510



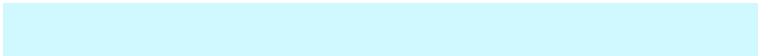
70.6635, 73.8581, 103.4874

# Complementary

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



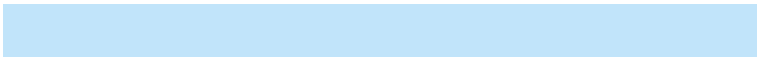
76.5491, 73.8581, 69.2530



77.3486, 87.6177, 107.4429

# 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.



66.9578, 73.8581, 100.9386



76.5491, 73.8581, 69.2530



63.0681, 73.8581, 81.7511

# Square

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



76.5491, 73.8581, 69.2530



66.1844, 73.8581, 64.0189



64.2119, 73.8581, 92.7248



74.3747, 73.8581, 99.4048



# Rectangle

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



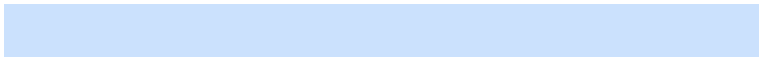
76.5491, 73.8581, 69.2530



71.0305, 73.8581, 61.1378



64.2119, 73.8581, 92.7248



69.3758, 73.8581, 103.3793

# Sweetspot

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



76.5508, 73.8613, 69.2545



88.6557, 90.9977, 95.0963



80.5898, 72.7011, 99.0811



18.8331, 19.2757, 20.0472



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

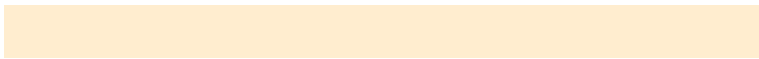
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.5508, 73.8613, 69.2545



73.0532, 68.8805, 61.8786



82.9030, 86.5657, 71.3719



18.2232, 18.4146, 18.7382



21.9619, 11.9350, 1.1462

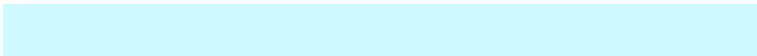


2.1991, 1.2836, 0.1318



# Inverse Universe

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



77.3486, 87.6177, 107.4429



73.9962, 85.1830, 107.1497



70.6001, 74.1206, 105.1934



18.3157, 20.0029, 23.1456



22.5893, 30.0882, 54.0516

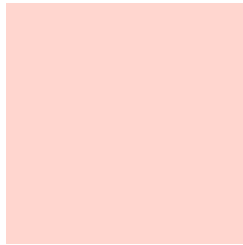


2.2584, 3.0475, 5.2825



# Previews

## White Background



This preview shows how the XYZ color 76.5491, 73.8581, 69.2530 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

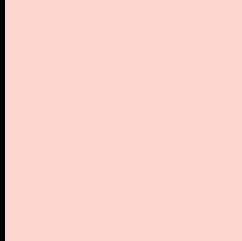
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 76.5491, 73.8581, 69.2530 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

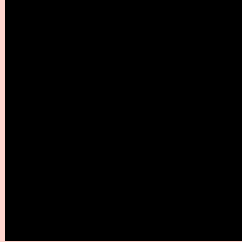
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 76.5491, 73.8581, 69.2530

## Background



This preview shows how black text looks on a background with the XYZ color 76.5491, 73.8581, 69.2530.



This preview shows how white text looks on a background with the XYZ color 76.5491, 73.8581,



# 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

76.5491, 73.8581, 69.2530

### Protanopia

70.6381, 73.8190, 72.8128

### Deuteranopia

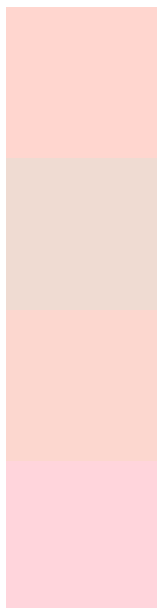
75.6020, 74.1260, 69.3546



## Tritanopia

78.6486, 73.8930, 82.7906

# Trichromacy



## Original Color

76.5491, 73.8581, 69.2530

## Protanomaly

72.5610, 73.6669, 71.3675

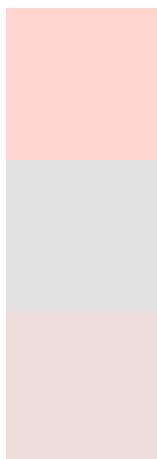
## Deuteranomaly

75.7078, 73.8013, 69.2863

## Tritanomaly

77.9525, 74.0158, 77.8881

# Monochromacy



## Original Color

76.5491, 73.8581, 69.2530

## Achromatopsia

71.5672, 75.2942, 81.9954

## Achromatomaly

73.1034, 74.6077, 76.8774

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 76.5491, 73.8581, 69.2530 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, 214, 207)` looks like.

```
.text, #text, p{  
    color:rgb(255, 214, 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, 214, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 214, 207) }
```

## Border

The CSS property to change the border of an element to XYZ 76.5491, 73.8581, 69.2530 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, 214, 207) }
```



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

```
.border{ border-color:rgb(255, 214, 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, 214, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 214, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 214, 207);  
box-shadow:4px 4px 4px 4px rgb(255, 214,  
207) }
```

# Background

The CSS property to change the background color of an element to XYZ 76.5491, 73.8581, 69.2530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 214, 207) }
```

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

```
.background{ background-color: rgb(255,  
214, 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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