

# Converting Colors

XYZ(75.0559, 71.9387, 65.4660)

Have a look what the booklet for  
XYZ(75.0559, 71.9387, 65.4660)  
contains.

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# Color

**XYZ(75.0769, 72.0656,  
65.2114)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | FFD3C9                    |
| RGB           | 255, 211, 201             |
| RGB Percent   | 100%, 83%, 79%            |
| CMY           | 0.0000, 0.1725, 0.2118    |
| CMYK          | 0.00, 0.17, 0.21, 0.00    |
| HSL           | 11°, 100%, 89%            |
| HSV           | 11°, 21%, 100%            |
| XYZ           | 75.0769, 72.0656, 65.2114 |
| YIQ           | 223.0160, 29.4340, 6.2180 |

# Conversions

## Conversions Part 2

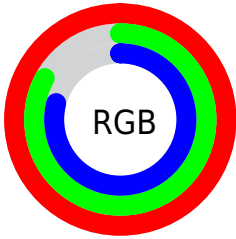
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 255, 213, 201                  |
| Decimal                             | 16765897                       |
| CIE Lab                             | 88.00, 13.92, 10.73            |
| CIE LCh                             | 88, 17.573, 37.618             |
| Yxy                                 | 72.0656, 0.3535,<br>0.3394     |
| Android<br>(android.graphics.Color) | 4294955977<br>(0xFFFFD3C9)     |
| YUV                                 | 223.0160, -10.8539,<br>28.0500 |
| Hunter-Lab                          | 84.8915, 9.3030,<br>13.8790    |

# Details

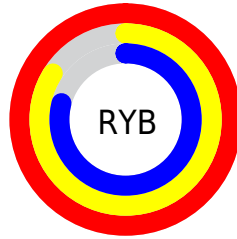
The XYZ color **75.0769, 72.0656, 65.2114** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.7888, 84.9397, 107.0610**, and the grayscale version is **70.2122, 73.8687, 80.4430**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.4436, 37.8893, 32.7855** is the 20% darker color. If you saturate the color by 10%, you get **67.4907, 61.3019, 49.0915**, and if you desaturate by 10%, it is **83.8316, 84.3690, 84.1793**.

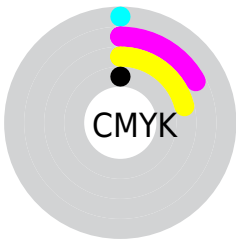
# Distribution



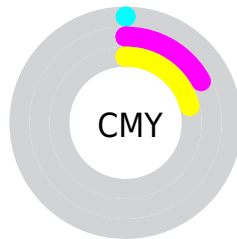
- Red (100%)
- Green (83%)
- Blue (79%)



- Red (100%)
- Yellow (84%)
- Blue (79%)



- Cyan (0%)
- Magenta (17%)
- Yellow (21%)
- Black (0%)




- Cyan (0%)
- Magenta (17%)
- Yellow (21%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 75.0769, 72.0656, 65.2114 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 75.0769, 72.0656, 65.2114 by changing the saturation by 10% instead.




 75.0769, 72.0656,  
65.2114

 75.0769, 72.0656,  
65.2114


467.1749,  
467.7699, 461.8782

 55.9703, 53.2123,  
47.1801


125.4085,  
122.1498, 113.9699

 40.4160, 37.9722,  
32.8227


157.3643,  
154.1494, 145.5342

 28.0487, 25.9612,  
21.7206


194.3338,  
191.3000, 182.4465

 18.5030, 16.7946,  
13.4554

236.6824,  
233.9858, 225.1255

 11.4136, 10.0881,  
7.6085

284.7754,  
282.5913, 273.9896

 6.4151, 5.4574,  
3.7613

338.9783,

 3.1421, 2.5181,

337.5009, 329.4574

1.4953

399.6564,  
399.0990, 391.9474

■ 1.2294, 0.8857,  
0.2144

■ 0.1294, 0.0000,  
0.0000

■ 75.0769, 72.0656,  
65.2114

■ 75.0769, 72.0656,  
65.2114

■ 67.4907, 61.3019,  
49.0915

■ 83.8316, 84.3690,  
84.1793

■ 61.0180, 52.0078,  
35.6773

■ 93.7965, 98.2596,  
106.1191

■ 55.6068, 44.1217,  
24.8211

95.0500, 100.0000,  
108.9000

■ 51.1989, 37.5744,  
16.3589

■ 47.7305, 32.2901,  
10.1078

■ 45.1296, 28.1856,  
5.8582

■ 43.3134, 25.1672,  
3.3596

■ 42.2664, 23.3127,  
2.2721

# Harmonies

## Analogous

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



76.7945, 72.0656, 75.4487



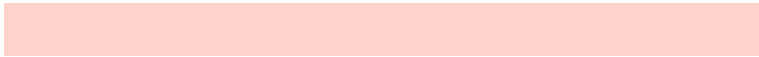
75.0769, 72.0656, 65.2114



71.6095, 72.0656, 59.0103

# Triad

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



75.0769, 72.0656, 65.2114



61.3146, 72.0656, 70.0064



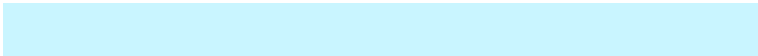
69.5695, 72.0656, 103.6261

# Complementary

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



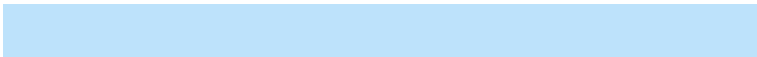
75.0769, 72.0656, 65.2114



74.7888, 84.9397, 107.0610

# 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.



65.4744, 72.0656, 101.7900



75.0769, 72.0656, 65.2114



60.8183, 72.0656, 81.5652

# Square

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



75.0769, 72.0656, 65.2114



63.6961, 72.0656, 61.5756



62.3117, 72.0656, 93.4076



73.5316, 72.0656, 98.1958



# Rectangle

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



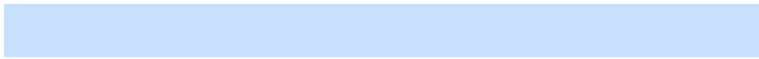
75.0769, 72.0656, 65.2114



68.8316, 72.0656, 57.6009



62.3117, 72.0656, 93.4076



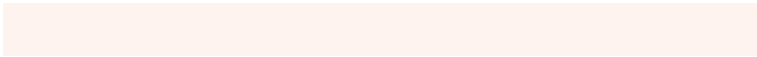
68.1619, 72.0656, 103.8473

# Sweetspot

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



75.0786, 72.0688, 65.2129



88.8352, 91.3565, 95.1561



78.6238, 69.6327, 95.7630



18.8754, 19.3602, 20.0613



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

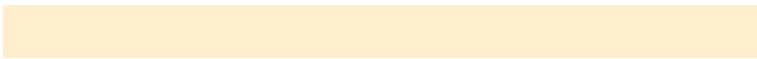
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.0786, 72.0688, 65.2129



72.0420, 67.7735, 58.7192



82.3284, 86.5683, 67.6295



18.2816, 18.5313, 18.7577



22.1627, 12.3366, 1.2131

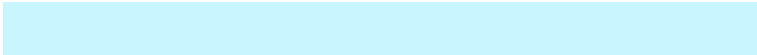


2.2273, 1.3400, 0.1413

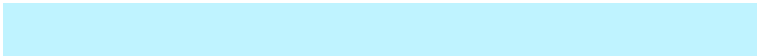


# Inverse Universe

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



74.7888, 84.9397, 107.0610



71.7058, 82.5429, 106.7608



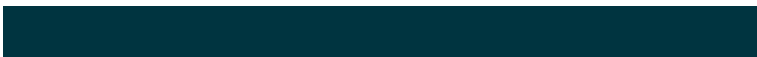
67.2354, 69.8330, 104.5432



18.2519, 19.8754, 23.1243



21.2891, 27.4877, 53.6182

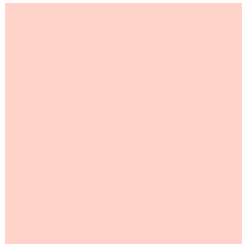


2.1436, 2.8178, 5.2442



# Previews

## White Background



This preview shows how the XYZ color 75.0769, 72.0656, 65.2114 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 75.0769, 72.0656, 65.2114 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

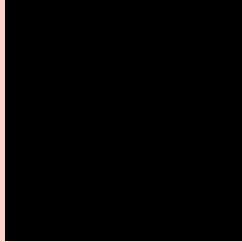
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 75.0769, 72.0656, 65.2114

## Background



This preview shows how black text looks on a background with the XYZ color 75.0769, 72.0656, 65.2114.



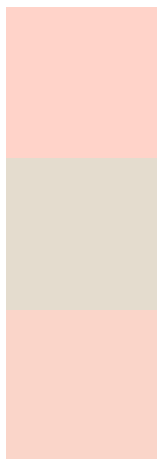
This preview shows how white text looks on a background with the XYZ color 75.0769, 72.0656,

65.2114.

# 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

75.0769, 72.0656, 65.2114

### Protanopia

68.7287, 72.1366, 68.6939

### Deuteranopia

73.7612, 72.1295, 65.2931



## Tritanopia

77.3597, 72.1886, 79.6685

# Trichromacy



## Original Color

75.0769, 72.0656, 65.2114

## Protanomaly

70.9718, 72.1625, 67.3149

## Deuteranomaly

74.2310, 71.9995, 65.2432

## Tritanomaly

76.5523, 72.2595, 74.2027

# Monochromacy



## Original Color

75.0769, 72.0656, 65.2114

## Achromatopsia

70.1384, 73.7910, 80.3584

## Achromatomaly

71.8582, 73.2315, 74.6377

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 75.0769, 72.0656, 65.2114 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, 211, 201)` looks like.

```
.text, #text, p{  
    color:rgb(255, 211, 201)  
}
```

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, 211, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 211, 201) }
```

## Border

The CSS property to change the border of an element to XYZ 75.0769, 72.0656, 65.2114 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, 211, 201) }
```



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

```
.border{ border-color:rgb(255, 211, 201) }
```

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

Here you see how a box with a 4 pixel rgb(255, 211, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 211, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 211, 201);  
box-shadow:4px 4px 4px 4px rgb(255, 211,  
201) }
```

# Background

The CSS property to change the background color of an element to XYZ 75.0769, 72.0656, 65.2114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 211, 201) }
```

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

```
.background{ background-color: rgb(255,  
211, 201) }
```

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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