

# Converting Colors

XYZ(79.3928, 74.2055, 65.7190)

Have a look what the booklet for  
XYZ(79.3928, 74.2055, 65.7190)  
contains.

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# **Color**

**XYZ(75.1949, 72.1128,  
65.8331)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFD3CA
RGB	255, 211, 202
RGB Percent	100%, 83%, 79%
CMY	0.0000, 0.1725, 0.2078
CMYK	0.00, 0.17, 0.21, 0.00
HSL	10°, 100%, 90%
HSV	10°, 21%, 100%
XYZ	75.1949, 72.1128, 65.8331
YIQ	223.1300, 29.1130, 6.5290

# Conversions

## Conversions Part 2

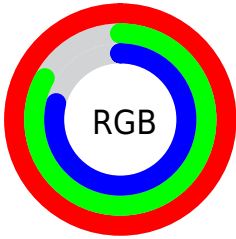
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 213, 202
Decimal	16765898
CIE Lab	88.02, 14.06, 10.23
CIE LCh	88, 17.391, 36.036
Yxy	72.1128, 0.3528, 0.3383
Android (android.graphics.Color)	4294955978 (0xFFFFD3CA)
YUV	223.1300, -10.4171, 27.9500
Hunter-Lab	84.9193, 9.4507, 13.4793

# Details

The XYZ color **75.1949, 72.1128, 65.8331** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.3619, 85.6855, 107.1747**, and the grayscale version is **70.2904, 73.9509, 80.5326**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.5225, 37.9208, 33.2007** is the 20% darker color. If you saturate the color by 10%, you get **67.5048, 61.1716, 49.5844**, and if you desaturate by 10%, it is **84.0800, 84.6449, 84.9431**.

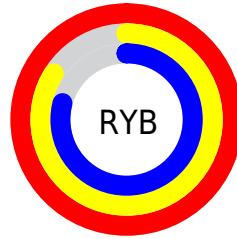
# Distribution



Red (100%)

Green (83%)

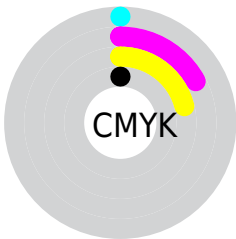
Blue (79%)



Red (100%)

Yellow (84%)

Blue (79%)

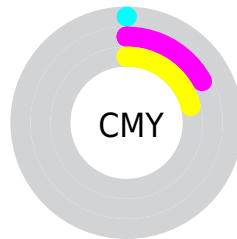


Cyan (0%)

Magenta (17%)

Yellow (21%)

Black (0%)



Cyan (0%)

Magenta (17%)


Yellow (21%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 75.1949, 72.1128, 65.8331 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 75.1949, 72.1128, 65.8331 by changing the saturation by 10% instead.




 75.1949, 72.1128,  
65.8331

 75.1949, 72.1128,  
65.8331


467.5741,  
467.9341, 464.1677

 56.0673, 53.2508,  
47.6813


125.5746,  
122.2169, 114.8715

 40.4941, 38.0030,  
33.2164


157.5575,  
154.2278, 146.5951

 28.1099, 25.9850,  
22.0198


194.5562,  
191.3905, 183.6798

 18.5494, 16.8125,  
13.6730

236.9360,  
234.0893, 226.5441

 11.4472, 10.1009,  
7.7574

285.0624,  
282.7087, 275.6064

 6.4380, 5.4659,  
3.8546

339.3006,

 3.1564, 2.5231,

337.6330, 331.2855

1.5459

400.0160,  
399.2467, 393.9997

■ 1.2370, 0.8882,  
0.2518

■ 0.1353, 0.0000,  
0.0000

■ 75.1949, 72.1128,  
65.8331

■ 75.1949, 72.1128,  
65.8331

■ 67.5048, 61.1716,  
49.5844

■ 84.0800, 84.6449,  
84.9431

■ 60.9530, 51.7482,  
36.0547

■ 94.2030, 98.8181,  
107.0386

■ 55.4861, 43.7781,  
25.0960

■ 95.0500, 100.0000,  
108.9000

■ 51.0443, 37.1881,  
16.5447

■ 47.5618, 31.8988,  
10.2178

■ 44.9649, 27.8227,  
5.9063

■ 43.1681, 24.8606,  
3.3606

■ 42.1158, 23.0115,  
2.2219

# Harmonies

## Analogous

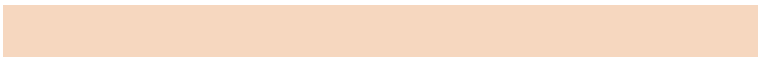
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.7823, 72.1128, 76.1412



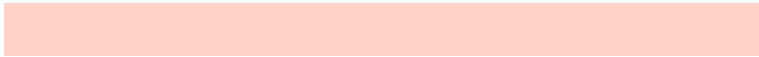
75.1949, 72.1128, 65.8331



71.8318, 72.1128, 59.4409

# Triad

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



75.1949, 72.1128, 65.8331



61.5082, 72.1128, 69.6018



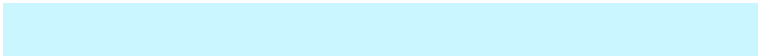
69.3831, 72.1128, 103.4942

# Complementary

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



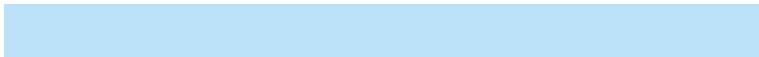
75.1949, 72.1128, 65.8331



75.3619, 85.6855, 107.1747

# 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.



65.3524, 72.1128, 101.2953



75.1949, 72.1128, 65.8331



60.9117, 72.1128, 80.9450

# Square

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



75.1949, 72.1128, 65.8331



63.9553, 72.1128, 61.4584



62.2918, 72.1128, 92.7372



73.3409, 72.1128, 98.4755



# Rectangle

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



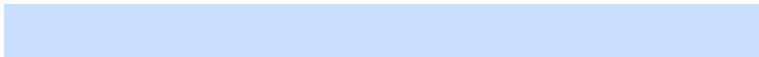
75.1949, 72.1128, 65.8331



69.0939, 72.1128, 57.8650



62.2918, 72.1128, 92.7372



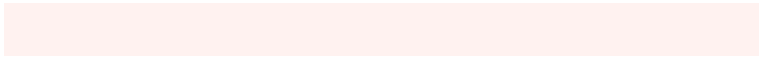
67.9912, 72.1128, 103.5808

# Sweetspot

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



75.1967, 72.1160, 65.8346



88.7650, 91.2162, 95.1327



79.0211, 70.1659, 96.7017



18.8588, 19.3272, 20.0558



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.



75.1967, 72.1160, 65.8346



71.8112, 67.3119, 58.6422



82.2818, 86.2862, 68.1963



18.2587, 18.4857, 18.7501



22.0787, 12.1687, 1.1851

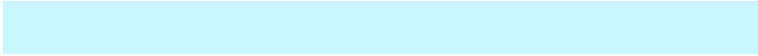


2.2159, 1.3171, 0.1374

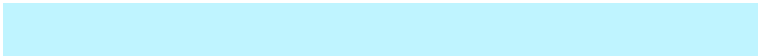


# Inverse Universe

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



75.3619, 85.6855, 107.1747



72.0002, 83.1317, 106.8589



67.9136, 70.7889, 104.6919



18.2768, 19.9252, 23.1326



21.7877, 28.4849, 53.7844

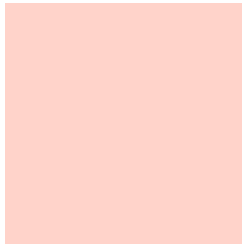


2.1877, 2.9061, 5.2589



# Previews

## White Background



This preview shows how the XYZ color 75.1949, 72.1128, 65.8331 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

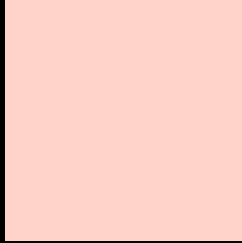
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 75.1949, 72.1128, 65.8331 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

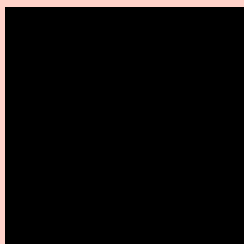
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 75.1949, 72.1128, 65.8331

## Background



This preview shows how black text looks on a background with the XYZ color 75.1949, 72.1128, 65.8331.



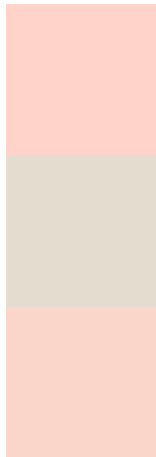
This preview shows how white text looks on a background with the XYZ color 75.1949, 72.1128,

65.8331.

# 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

75.1949, 72.1128, 65.8331

### Protanopia

68.8506, 72.1854, 69.3358

### Deuteranopia

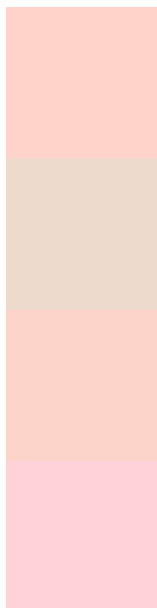
73.8793, 72.1768, 65.9148



## Tritanopia

77.4950, 72.2427, 80.3808

# Trichromacy



## Original Color

75.1949, 72.1128, 65.8331

## Protanomaly

71.0922, 72.2106, 67.9487

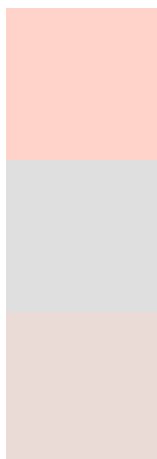
## Deuteranomaly

74.3490, 72.0467, 65.8649

## Tritanomaly

76.6813, 72.3111, 74.8816

# Monochromacy



## Original Color

75.1949, 72.1128, 65.8331

## 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 75.1949, 72.1128, 65.8331 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, 202)` looks like.

```
.text, #text, p{  
    color:rgb(255, 211, 202)  
}
```

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, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 211, 202) }
```

## Border

The CSS property to change the border of an element to XYZ 75.1949, 72.1128, 65.8331 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, 202) }
```



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

```
.border{ border-color:rgb(255, 211, 202) }
```

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, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 211, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 211, 202);  
box-shadow:4px 4px 4px 4px rgb(255, 211,  
202) }
```

# Background

The CSS property to change the background color of an element to XYZ 75.1949, 72.1128, 65.8331 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, 202) }
```

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

```
.background{ background-color: rgb(255,  
211, 202) }
```

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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