

# Converting Colors

XYZ(71.0663, 70.8071, 62.1461)

Have a look what the booklet for  
XYZ(71.0663, 70.8071, 62.1461)  
contains.

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# Color

**XYZ(71.0663, 70.8071,  
62.1461)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F4D5C4
RGB	244, 213, 196
RGB Percent	96%, 84%, 77%
CMY	0.0431, 0.1647, 0.2314
CMYK	0.00, 0.13, 0.20, 0.04
HSL	21°, 69%, 86%
HSV	21°, 20%, 96%
XYZ	71.0663, 70.8071, 62.1461
YIQ	220.3310, 23.9330, 1.2850

# Conversions

## Conversions Part 2

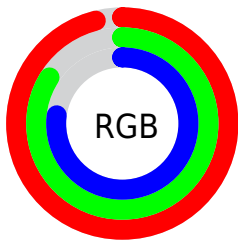
Format	Color
<a href="#">RYB</a>	<a href="#">244, 222, 196</a>
Decimal	<a href="#">16045508</a>
CIELab	<a href="#">87.39, 8.16, 12.36</a>
CIElCh	<a href="#">87, 14.812, 56.559</a>
Yxy	<a href="#">70.8071, 0.3483, 0.3471</a>
Android (android.graphics.Color)	<a href="#">4294235588</a> ( <a href="#">0xFFFF4D5C4</a> )
YUV	<a href="#">220.3310, -11.9952, 20.7577</a>
Hunter-Lab	<a href="#">84.1470, 3.4950, 15.1147</a>

# Details

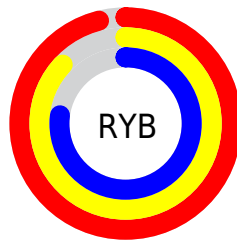
The XYZ color **71.0663, 70.8071, 62.1461** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.5627, 73.2039, 96.2101**, and the grayscale version is **68.3298, 71.8882, 78.2863**.

A 20% lighter version of the original color is **94.7296, 99.8718, 107.2129**, and **37.6029, 36.9715, 30.7455** is the 20% darker color. If you saturate the color by 10%, you get **64.7397, 62.2426, 47.4313**, and if you desaturate by 10%, it is **78.2335, 80.3288, 79.3711**.

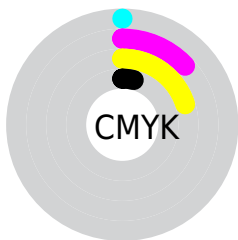
# Distribution



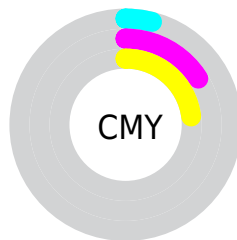
- Red (96%)
- Green (84%)
- Blue (77%)



- Red (96%)
- Yellow (87%)
- Blue (77%)



- Cyan (0%)
- Magenta (13%)
- Yellow (20%)
- Black (4%)



- Cyan (4%)
- Magenta (16%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 71.0663, 70.8071, 62.1461 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 71.0663, 70.8071, 62.1461 by changing the saturation by 10% instead.



71.0663, 70.8071,  
62.1461

71.0663, 70.8071,  
62.1461

453.4934,  
463.3788, 450.4862

52.6790, 52.1848,  
44.7142

119.7461,  
120.3590, 109.5103

37.7731, 37.1524,  
30.8911

150.7694,  
152.0574, 140.2797

25.9830, 25.3255,  
20.2581

186.7354,  
188.8833, 176.3320

16.9435, 16.3197,  
12.3969

228.0094,  
231.2211, 218.0858

10.2893, 9.7507,  
6.8888

274.9569,  
279.4551, 265.9595

5.6549, 5.2340,  
3.3152

327.9431,

2.6751, 2.3852,

333.9698, 320.3718

1.2578

387.3335,  
395.1496, 381.7412

■ 0.9844, 0.8183,  
0.0268

■ 0.0000, 0.0000,  
0.0000

■ 71.0663, 70.8071,  
62.1461

■ 71.0663, 70.8071,  
62.1461

■ 64.7397, 62.2426,  
47.4313

■ 78.2335, 80.3288,  
79.3711

■ 59.2152, 54.5951,  
35.1037

■ 86.2664, 90.8272,  
99.2123

■ 54.4598, 47.8355,  
25.0366

■ 91.1185, 97.9732,  
108.7160

■ 50.4355, 41.9295,  
17.0898

■ 47.1009, 36.8403,  
11.1072

■ 44.4095, 32.5278,  
6.9106

■ 42.3079, 28.9479,  
4.2887

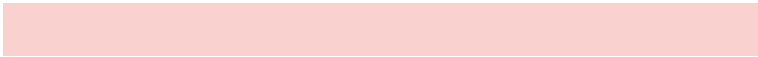
■ 40.7176, 26.0445,  
2.9040

■ 40.6715, 25.9593,  
2.8670

# Harmonies

## Analogous

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



73.4828, 70.8071, 68.8193



71.0663, 70.8071, 62.1461



67.7037, 70.8071, 59.4600

# Triad

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



71.0663, 70.8071, 62.1461



60.8213, 70.8071, 75.9490



70.3452, 70.8071, 95.5970

# Complementary

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



71.0663, 70.8071, 62.1461



66.5627, 73.2039, 96.2101

# 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.



66.8980, 70.8071, 97.9162



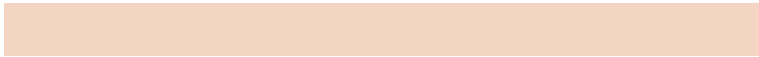
71.0663, 70.8071, 62.1461



61.4742, 70.8071, 86.0130

# Square

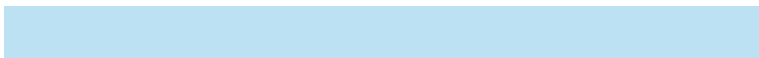
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.0663, 70.8071, 62.1461



61.8542, 70.8071, 66.9833



63.6692, 70.8071, 94.2716



73.0564, 70.8071, 88.1804



# Rectangle

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



71.0663, 70.8071, 62.1461



65.4056, 70.8071, 60.1035



63.6692, 70.8071, 94.2716



69.2307, 70.8071, 97.0248

# Sweetspot

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



71.0682, 70.8103, 62.1476



89.6124, 92.9110, 95.4151



70.9417, 64.2710, 81.4851



19.0586, 19.7267, 20.1224



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

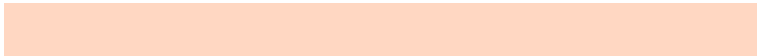


# Same Dimension

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



71.0682, 70.8103, 62.1476



75.3782, 73.9922, 61.2303



77.4990, 83.6719, 64.2912



16.9794, 17.4430, 17.2695



22.2312, 14.3480, 1.5977

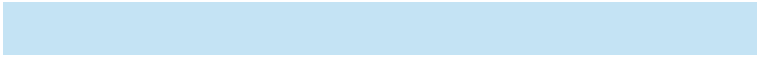


2.0470, 1.4473, 0.1715

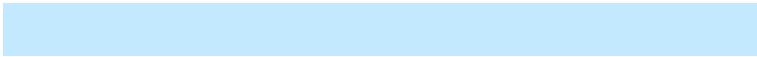


# Inverse Universe

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



66.5627, 73.2039, 96.2101



69.4762, 77.1216, 105.8319



60.4982, 61.0748, 94.1885



16.4740, 17.7123, 21.0931



15.6199, 17.0336, 49.0026

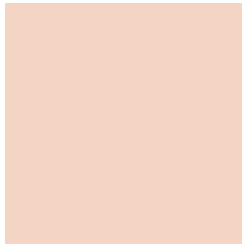


1.4694, 1.6902, 4.3390



# Previews

## White Background



This preview shows how the XYZ color 71.0663, 70.8071, 62.1461 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 71.0663, 70.8071, 62.1461 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

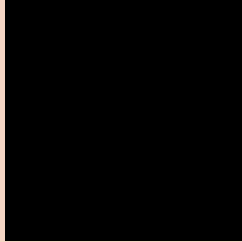
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 71.0663, 70.8071, 62.1461

## Background



This preview shows how black text looks on a background with the XYZ color 71.0663, 70.8071, 62.1461.



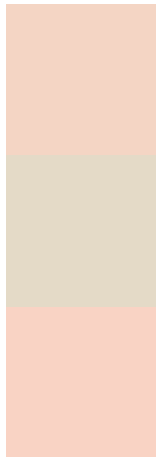
This preview shows how white text looks on a background with the XYZ color 71.0663, 70.8071,



# 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

71.0663, 70.8071, 62.1461

### Protanopia

67.3751, 70.7603, 64.1399

### Deuteranopia

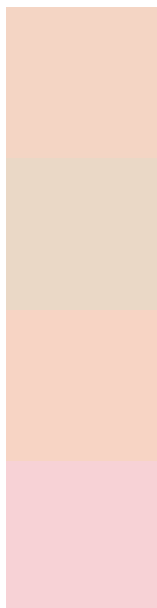
72.3250, 70.7138, 62.0617



## Tritanopia

75.1025, 70.9936, 80.9790

# Trichromacy



## Original Color

71.0663, 70.8071, 62.1461

## Protanomaly

68.6806, 70.6814, 63.4491

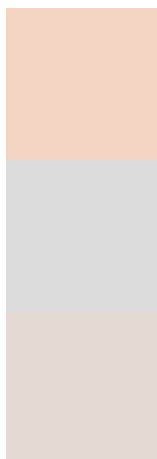
## Deuteranomaly

71.8651, 70.8466, 62.1116

## Tritanomaly

73.5420, 70.7224, 73.3930

# Monochromacy



## Original Color

71.0663, 70.8071, 62.1461

## Achromatopsia

68.0267, 71.5694, 77.9390

## Achromatomaly

68.8838, 70.9869, 71.6993

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 71.0663, 70.8071, 62.1461 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(244, 213, 196)` looks like.

```
.text, #text, p{  
    color:rgb(244, 213, 196)  
}
```

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(244, 213, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 213, 196) }
```

## Border

The CSS property to change the border of an element to XYZ 71.0663, 70.8071, 62.1461 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(244, 213, 196) }
```



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

```
.border{ border-color:rgb(244, 213, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 213, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(244, 213, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(244, 213, 196); box-shadow:4px 4px 4px 4px rgb(244, 213, 196) }
```

# Background

The CSS property to change the background color of an element to XYZ 71.0663, 70.8071, 62.1461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 213, 196) }
```

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

```
.background{ background-color: rgb(244,  
213, 196) }
```

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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