

# Converting Colors

XYZ(70.4171, 68.5261, 66.6422)

Have a look what the booklet for  
XYZ(70.4171, 68.5261, 66.6422)  
contains.

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# Color

**XYZ(70.4171, 68.5261,  
66.6422)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F3D0CC
RGB	243, 208, 204
RGB Percent	95%, 82%, 80%
CMY	0.0471, 0.1843, 0.2000
CMYK	0.00, 0.14, 0.16, 0.05
HSL	6°, 62%, 88%
HSV	6°, 16%, 95%
XYZ	70.4171, 68.5261, 66.6422
YIQ	218.0090, 22.1440, 6.1760

# Conversions

## Conversions Part 2

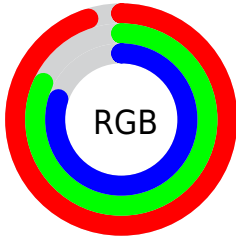
Format	Color
R <sub>Y</sub> B	243, 208, 204
Decimal	15978700
CIE Lab	86.27, 11.61, 6.52
CIE LCh	86, 13.318, 29.297
Yxy	68.5261, 0.3425, 0.3333
Android (android.graphics.Color)	4294168780 (0xFFFF3D0CC)
YUV	218.0090, -6.9064, 21.9171
Hunter-Lab	82.7805, 6.9749, 10.2151

# Details

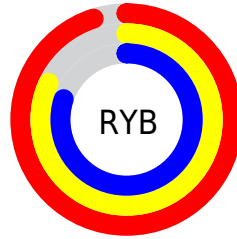
The XYZ color **70.4171, 68.5261, 66.6422** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.9454, 81.0395, 96.6448**, and the grayscale version is **66.6838, 70.1565, 76.4005**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.3103, 35.7523, 33.7886** is the 20% darker color. If you saturate the color by 10%, you get **62.7715, 57.5405, 50.8187**, and if you desaturate by 10%, it is **79.2521, 81.1614, 85.1071**.

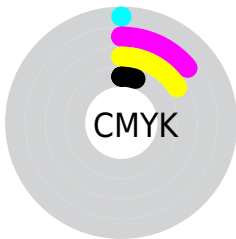
# Distribution



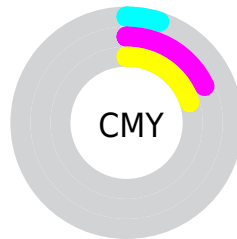
- Red (95%)
- Green (82%)
- Blue (80%)



- Red (95%)
- Yellow (82%)
- Blue (80%)



- Cyan (0%)
- Magenta (14%)
- Yellow (16%)
- Black (5%)



- Cyan (5%)
- Magenta (18%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 70.4171, 68.5261, 66.6422 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 70.4171, 68.5261, 66.6422 by changing the saturation by 10% instead.



70.4171, 68.5261,  
66.6422

70.4171, 68.5261,  
66.6422

451.2568,  
455.3578, 467.1369

52.1475, 50.3259,  
48.3341

118.8264,  
117.1045, 116.0433

37.3474, 35.6724,  
33.7297

149.6968,  
148.2514, 147.9735

25.6515, 24.1813,  
22.4103

185.4981,  
184.4826, 185.2815

16.6944, 15.4681,  
13.9575

226.5958,  
226.1826, 228.3857

10.1108, 9.1486,  
7.9527

273.3551,  
273.7357, 277.7049

5.5353, 4.8382,  
3.9774

326.1415,

2.6026, 2.1527,

327.5263, 333.6574

1.6129

385.3203,  
387.9389, 396.6619

■ 0.9473, 0.6940,  
0.3000

■ 0.0000, 0.0000,  
0.0000

■ 70.4171, 68.5261,  
66.6422

■ 70.4171, 68.5261,  
66.6422

■ 62.7715, 57.5405,  
50.8187

■ 79.2521, 81.1614,  
85.1071

■ 56.2590, 48.1278,  
37.5118

■ 89.3185, 95.5010,  
106.3221

■ 50.8272, 40.2187,  
26.5928

■ 90.7724, 97.7948,  
108.6998

■ 46.4172, 33.7350,  
17.9202

■ 42.9646, 28.5918,  
11.3373

■ 40.3975, 24.6948,  
6.6673

■ 38.6336, 21.9376,  
3.7040

■ 37.5747, 20.1953,  
2.1934

■ 37.3090, 19.7480,  
1.8453

# Harmonies

## Analogous

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



71.2150, 68.5261, 74.8209



70.4171, 68.5261, 66.6422



68.1929, 68.5261, 61.0001

# Triad

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



70.4171, 68.5261, 66.6422



60.1869, 68.5261, 66.3096



65.0596, 68.5261, 92.8276

# Complementary

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



70.4171, 68.5261, 66.6422



71.9454, 81.0395, 96.6448

# 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.



62.1641, 68.5261, 90.1146



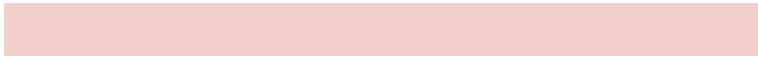
70.4171, 68.5261, 66.6422



59.4056, 68.5261, 74.4060

# Square

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



70.4171, 68.5261, 66.6422



62.2858, 68.5261, 60.8189



60.1182, 68.5261, 83.1959



68.0636, 68.5261, 90.3500



# Rectangle

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



70.4171, 68.5261, 66.6422



66.2345, 68.5261, 59.2031



60.1182, 68.5261, 83.1959



64.0418, 68.5261, 92.4893

# Sweetspot

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



70.4190, 68.5292, 66.6436



89.5228, 92.1222, 97.2644



74.1505, 68.4792, 91.0491



19.0013, 19.4893, 20.4819



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

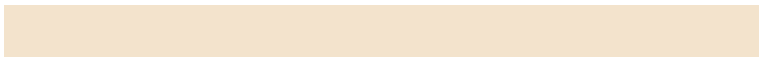
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.4190, 68.5292, 66.6436



75.8724, 72.5928, 68.7563



75.4406, 78.5723, 68.3175



16.6360, 16.7562, 17.1550



20.5210, 10.9275, 1.0276



1.8483, 1.0499, 0.1052



# Inverse Universe

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



71.9454, 81.0395, 96.6448



77.8500, 88.8075, 107.6462



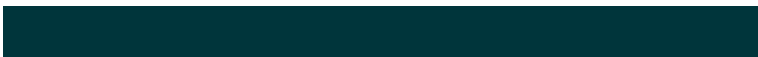
66.5687, 70.2860, 94.8526



16.8428, 18.4499, 21.2160



22.7042, 31.2021, 51.3640



2.0366, 2.8245, 4.5281



# Previews

## White Background



This preview shows how the XYZ color 70.4171, 68.5261, 66.6422 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

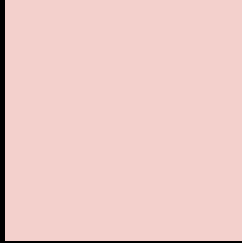
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 70.4171, 68.5261, 66.6422 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

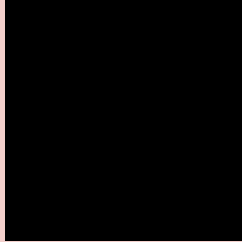
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 70.4171, 68.5261, 66.6422

## Background



This preview shows how black text looks on a background with the XYZ color 70.4171, 68.5261, 66.6422.



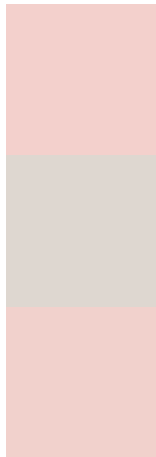
This preview shows how white text looks on a background with the XYZ color 70.4171, 68.5261,



# 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

70.4171, 68.5261, 66.6422

### Protanopia

65.8098, 68.6845, 69.4634

### Deuteranopia

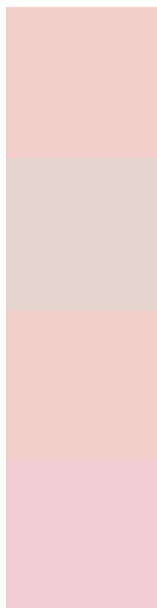
69.9752, 68.6613, 66.6916



## Tritanopia

72.5387, 68.2956, 77.7658

# Trichromacy



## Original Color

70.4171, 68.5261, 66.6422

## Protanomaly

67.4391, 68.4150, 68.6825

## Deuteranomaly

70.3175, 68.8378, 66.7076

## Tritanomaly

71.6453, 68.2820, 73.6936

# Monochromacy



## Original Color

70.4171, 68.5261, 66.6422

## Achromatopsia

66.6397, 70.1102, 76.3500

## Achromatomaly

67.7354, 69.2281, 72.7431

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 70.4171, 68.5261, 66.6422 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(243, 208, 204) looks like.

```
.text, #text, p{  
    color:rgb(243, 208, 204)  
}
```

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(243, 208, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 208, 204) }
```

## Border

The CSS property to change the border of an element to XYZ 70.4171, 68.5261, 66.6422 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(243, 208, 204) }
```



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

```
.border{ border-color:rgb(243, 208, 204) }
```

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

Here you see how a box with a 4 pixel rgb(243, 208, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 208, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 208, 204);  
box-shadow:4px 4px 4px 4px rgb(243, 208,  
204) }
```

# Background

The CSS property to change the background color of an element to XYZ 70.4171, 68.5261, 66.6422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 208, 204) }
```

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

```
.background{ background-color: rgb(243,  
208, 204) }
```

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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