

# Converting Colors

XYZ(73.2601, 71.1789, 63.1412)

Have a look what the booklet for  
XYZ(73.2601, 71.1789, 63.1412)  
contains.

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# Color

**XYZ(73.2710, 71.1750,  
63.3024)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FBD3C6
RGB	251, 211, 198
RGB Percent	98%, 83%, 78%
CMY	0.0157, 0.1725, 0.2235
CMYK	0.00, 0.16, 0.21, 0.02
HSL	15°, 87%, 88%
HSV	15°, 21%, 98%
XYZ	73.2710, 71.1750, 63.3024
YIQ	221.4780, 28.0130, 4.4370

# Conversions

## Conversions Part 2

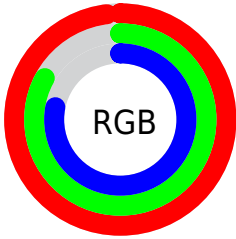
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	251, 215, 198
Decimal	16503750
CIE Lab	87.57, 12.04, 11.65
CIE LCh	88, 16.749, 44.052
Yxy	71.1750, 0.3527, 0.3426
Android (android.graphics.Color)	4294693830 (0xFFFFBD3C6)
YUV	221.4780, -11.5747, 25.8908
Hunter-Lab	84.3653, 7.3875, 14.5682

# Details

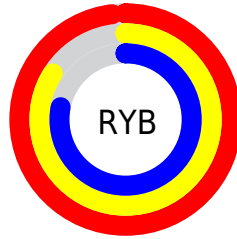
The XYZ color **73.2710, 71.1750, 63.3024** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.2752, 80.1178, 102.9750**, and the grayscale version is **69.1299, 72.7301, 79.2030**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.1706, 37.2599, 31.5129** is the 20% darker color. If you saturate the color by 10%, you get **66.1811, 61.2505, 47.8196**, and if you desaturate by 10%, it is **81.3990, 82.4069, 81.4998**.

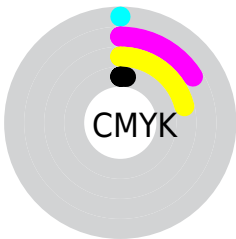
# Distribution



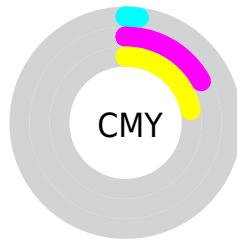
- Red (98%)
- Green (83%)
- Blue (78%)



- Red (98%)
- Yellow (84%)
- Blue (78%)



- Cyan (0%)
- Magenta (16%)
- Yellow (21%)
- Black (2%)




- Cyan (2%)
- Magenta (17%)
- Yellow (22%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 73.2710, 71.1750, 63.3024 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 73.2710, 71.1750, 63.3024 by changing the saturation by 10% instead.




 73.2710, 71.1750,  
63.3024

 73.2710, 71.1750,  
63.3024


461.0428,  
464.6650, 454.8042

 54.4867, 52.4850,  
45.6433


122.8629,  
120.8829, 111.1955

 39.2232, 37.3918,  
31.6178

154.4013,  
152.6696, 142.2665

 27.1149, 25.5110,  
20.8074


190.9217,  
189.5906, 178.6453

 17.7966, 16.4582,  
12.7934

232.7896,  
232.0304, 220.7504

 10.9028, 9.8490,  
7.1574

280.3703,  
280.3733, 269.0003

 6.0683, 5.2989,  
3.4808

334.0292,

 2.9277, 2.4237,

335.0038, 323.8135

1.3451

394.1316,  
396.3062, 385.6087

■ 1.1157, 0.8380,  
0.0983

■ 0.0382, 0.0000,  
0.0000

■ 73.2710, 71.1750,  
63.3024

■ 73.2710, 71.1750,  
63.3024

■ 66.1811, 61.2505,  
47.8196

■ 81.3990, 82.4069,  
81.4998

■ 60.0808, 52.5758,  
34.9162

■ 90.5997, 94.9816,  
102.5292

■ 54.9262, 45.1035,  
24.4519

■ 93.5939, 99.2494,  
108.8319

■ 50.6674, 38.7791,  
16.2715

■ 47.2501, 33.5440,  
10.2012

■ 44.6131, 29.3338,  
6.0426

■ 42.6858, 26.0768,  
3.5579

■ 41.4843, 23.9101,  
2.4286

# Harmonies

## Analogous

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



75.3082, 71.1750, 72.3224



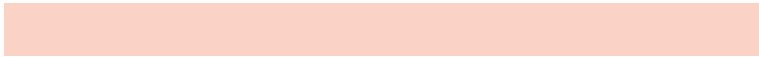
73.2710, 71.1750, 63.3024



69.7634, 71.1750, 58.3642

# Triad

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



73.2710, 71.1750, 63.3024



60.5894, 71.1750, 71.6589



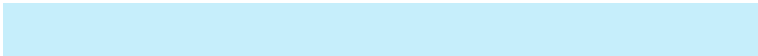
69.5154, 71.1750, 100.6347

# Complementary

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



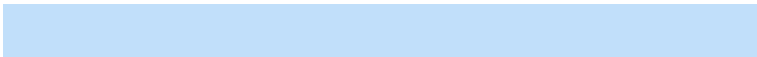
73.2710, 71.1750, 63.3024



71.2752, 80.1178, 102.9750

# 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.



65.5791, 71.1750, 100.4126



73.2710, 71.1750, 63.3024



60.5289, 71.1750, 82.9137

# Square

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



73.2710, 71.1750, 63.3024



62.4923, 71.1750, 62.8577



62.3235, 71.1750, 93.6702



73.0833, 71.1750, 94.2503



# Rectangle

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



73.2710, 71.1750, 63.3024



67.1131, 71.1750, 57.7170



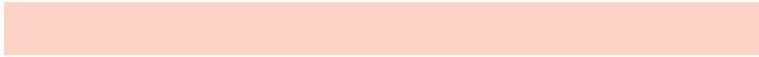
62.3235, 71.1750, 93.6702



68.1892, 71.1750, 101.3482

# Sweetspot

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



73.2729, 71.1782, 63.3039



89.1103, 91.9069, 95.2478



75.5043, 67.1086, 90.3521



18.9402, 19.4899, 20.0829



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

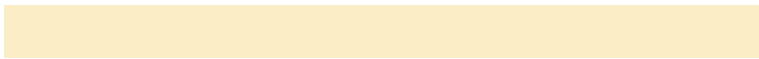
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.2729, 71.1782, 63.3039



72.9583, 69.6062, 59.0246



80.2230, 85.0784, 65.6206



17.5905, 17.9168, 17.9936



21.9008, 12.7582, 1.3083

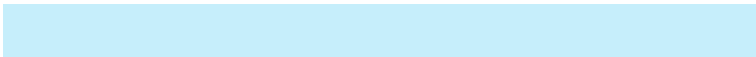


2.1079, 1.3406, 0.1477

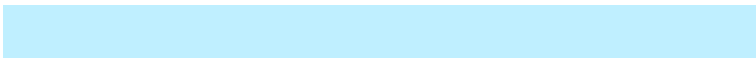


# Inverse Universe

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



71.2752, 80.1178, 102.9750



70.5700, 80.2713, 106.3822



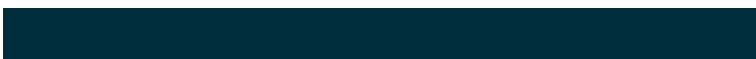
64.2790, 66.1254, 100.6430



17.3839, 18.8447, 22.1064



18.8851, 23.1257, 51.4419

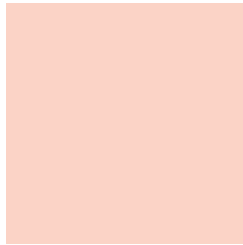


1.8319, 2.3074, 4.7920



# Previews

## White Background



This preview shows how the XYZ color 73.2710, 71.1750, 63.3024 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

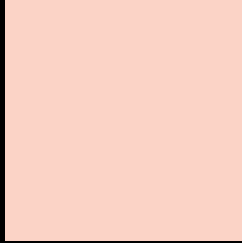
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 73.2710, 71.1750, 63.3024 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

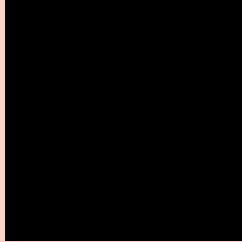
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 73.2710, 71.1750, 63.3024

## Background



This preview shows how black text looks on a background with the XYZ color 73.2710, 71.1750, 63.3024.



This preview shows how white text looks on a background with the XYZ color 73.2710, 71.1750,

63.3024.

# 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

73.2710, 71.1750, 63.3024

### Protanopia

67.9871, 71.4213, 66.0795

### Deuteranopia

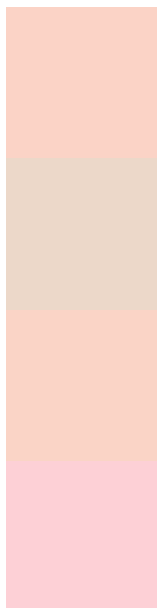
72.8034, 71.3039, 63.3520



## Tritanopia

76.5052, 71.0242, 79.4888

# Trichromacy



## Original Color

73.2710, 71.1750, 63.3024

## Protanomaly

69.6906, 71.1616, 65.3208

## Deuteranomaly

73.1609, 71.4882, 63.3687

## Tritanomaly

75.2015, 70.8494, 73.3301

# Monochromacy



## Original Color

73.2710, 71.1750, 63.3024

## Achromatopsia

68.7264, 72.3055, 78.7407

## Achromatomaly

70.1018, 71.5856, 73.0734

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 73.2710, 71.1750, 63.3024 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(251, 211, 198)` looks like.

```
.text, #text, p{  
    color:rgb(251, 211, 198)  
}
```

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(251, 211, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 211, 198) }
```

## Border

The CSS property to change the border of an element to XYZ 73.2710, 71.1750, 63.3024 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(251, 211, 198) }
```



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

```
.border{ border-color:rgb(251, 211, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 211, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 211, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 211, 198);  
box-shadow:4px 4px 4px 4px rgb(251, 211,  
198) }
```

# Background

The CSS property to change the background color of an element to XYZ 73.2710, 71.1750, 63.3024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 211, 198) }
```

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

```
.background{ background-color: rgb(251,  
211, 198) }
```

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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