

# Converting Colors

XYZ(74.9810, 72.6185, 56.9104)

Have a look what the booklet for  
XYZ(74.9810, 72.6185, 56.9104)  
contains.

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# Color

**XYZ(73.7531, 71.9348,  
57.0113)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFD4BB
RGB	255, 212, 187
RGB Percent	100%, 83%, 73%
CMY	0.0000, 0.1686, 0.2667
CMYK	0.00, 0.17, 0.27, 0.00
HSL	22°, 100%, 87%
HSV	22°, 27%, 100%
XYZ	73.7531, 71.9348, 57.0113
YIQ	222.0070, 33.6530, 1.3410

# Conversions

## Conversions Part 2

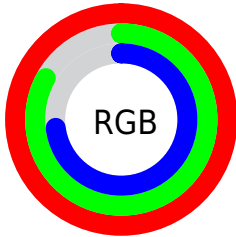
Format	Color
R <sub>Y</sub> B	255, 227, 187
Decimal	16766139
CIE Lab	87.94, 11.46, 18.00
CIE LCh	88, 21.340, 57.525
Yxy	71.9348, 0.3639, 0.3549
Android (android.graphics.Color)	4294956219 (0xFFFFD4BB)
YUV	222.0070, -17.2585, 28.9349
Hunter-Lab	84.8144, 6.7953, 19.5160

# Details

The XYZ color **73.7531, 71.9348, 57.0113** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.8395, 74.3761, 105.4409**, and the grayscale version is **69.5390, 73.1604, 79.6717**.

A 20% lighter version of the original color is **93.1777, 99.2511, 99.0404**, and **39.3860, 37.7055, 27.7563** is the 20% darker color. If you saturate the color by 10%, you get **67.4310, 63.2782, 42.6105**, and if you desaturate by 10%, it is **80.9661, 81.5968, 74.1021**.

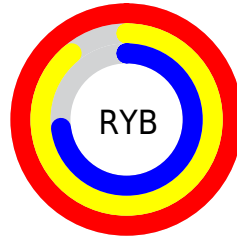
# Distribution



Red (100%)

Green (83%)

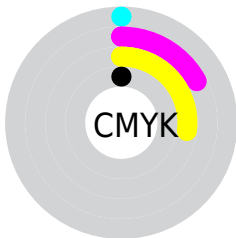
Blue (73%)



Red (100%)

Yellow (89%)

Blue (73%)

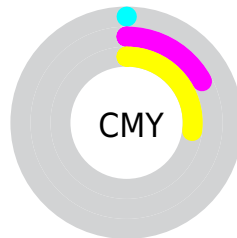


Cyan (0%)

Magenta (17%)

Yellow (27%)

Black (0%)



Cyan (0%)

Magenta (17%)


Yellow (27%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 73.7531, 71.9348, 57.0113 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 73.7531, 71.9348, 57.0113 by changing the saturation by 10% instead.





 73.7531, 71.9348,  
57.0113

 73.7531, 71.9348,  
57.0113


462.6843,  
467.3146, 430.9866

 54.8825, 53.1054,  
40.6049


 123.5431,  
121.9638, 101.9822

 39.5412, 37.8869,  
27.6931


155.1933,  
153.9323, 131.3837

 27.3636, 25.8949,  
17.8574


191.8341,  
191.0492, 165.9541

 17.9845, 16.7451,  
10.6793

233.8308,  
233.6989, 206.1117

 11.0385, 10.0529,  
5.7402

281.5488,  
282.2660, 252.2753

 6.1602, 5.4340,  
2.6215

335.3535,

 2.9843, 2.5041,

337.1347, 304.8632

0.9035

395.6102,  
398.6894, 364.2942

■ 1.1455, 0.8787,  
0.0000

■ 0.0627, 0.0000,  
0.0000

■ 73.7531, 71.9348,  
57.0113

■ 73.7531, 71.9348,  
57.0113

■ 67.4310, 63.2782,  
42.6105

■ 80.9661, 81.5968,  
74.1021

■ 61.9569, 55.5834,  
30.7564

■ 89.0995, 92.2865,  
94.0072

■ 57.2925, 48.8180,  
21.2986

95.0500, 100.0000,  
108.9000

■ 53.3936, 42.9436,  
14.0695

■ 50.2114, 37.9189,  
8.8789

■ 47.6901, 33.6982,  
5.5044

■ 45.7622, 30.2298,  
3.6671

■ 45.2223, 29.2245,  
3.2574

# Harmonies

## Analogous

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



77.4073, 71.9348, 66.0924



73.7531, 71.9348, 57.0113



68.7947, 71.9348, 53.5638

# Triad

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



73.7531, 71.9348, 57.0113



59.0680, 71.9348, 77.1226



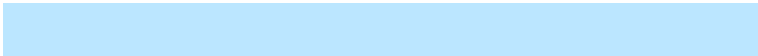
72.9871, 71.9348, 105.8512

# Complementary

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



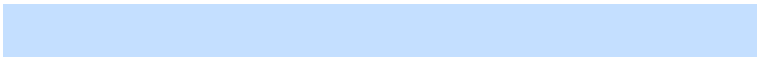
73.7531, 71.9348, 57.0113



66.8395, 74.3761, 105.4409

# 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.



67.9508, 71.9348, 109.7373



73.7531, 71.9348, 57.0113



60.0684, 71.9348, 91.9804

# Square

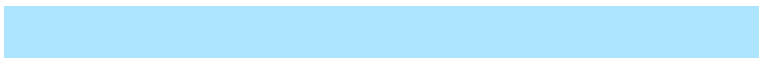
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.7531, 71.9348, 57.0113



60.4563, 71.9348, 64.2410



63.2590, 71.9348, 104.3810



76.9499, 71.9348, 94.3298

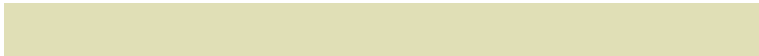


# Rectangle

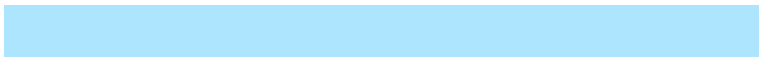
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.7531, 71.9348, 57.0113



65.4719, 71.9348, 54.5577



63.2590, 71.9348, 104.3810



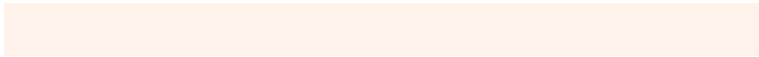
71.3563, 71.9348, 108.1516

# Sweetspot

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



73.7549, 71.9380, 57.0128



87.9600, 90.7998, 91.1847



73.3031, 62.5183, 83.1162



18.5563, 19.0808, 18.8493



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.



73.7549, 71.9380, 57.0128



70.2736, 67.1967, 49.0048



83.1454, 90.7190, 60.1429



18.5563, 19.0808, 18.8493



23.7595, 15.5302, 1.7454

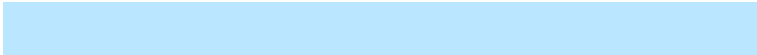


2.4134, 1.7121, 0.2033

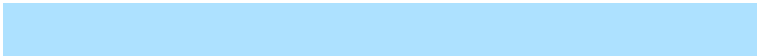


# Inverse Universe

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



66.8395, 74.3761, 105.4409



62.2957, 69.9969, 104.8352



58.2992, 57.2956, 102.5942



17.9604, 19.2925, 23.0272



16.2595, 17.4286, 51.9417



1.6875, 1.9057, 5.0922



# Previews

## White Background



This preview shows how the XYZ color 73.7531, 71.9348, 57.0113 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

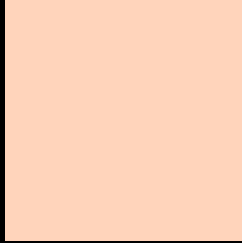
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 73.7531, 71.9348, 57.0113 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

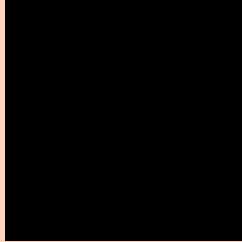
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 73.7531, 71.9348, 57.0113**

## **Background**



This preview shows how black text looks on a background with the XYZ color 73.7531, 71.9348, 57.0113.



This preview shows how white text looks on a background with the XYZ color 73.7531, 71.9348,



# 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

73.7531, 71.9348, 57.0113

### Protanopia

68.2759, 72.1038, 59.6091

### Deuteranopia

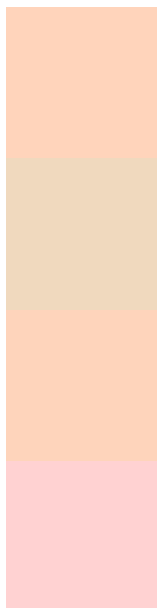
73.3862, 71.7457, 56.9941



## Tritanopia

77.3597, 72.1886, 79.6685

# Trichromacy



## Original Color

73.7531, 71.9348, 57.0113

## Protanomaly

70.0423, 71.8687, 58.8956

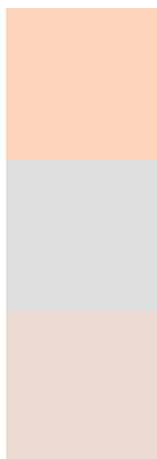
## Deuteranomaly

73.3862, 71.7457, 56.9941

## Tritanomaly

75.9195, 72.0063, 70.8700

# Monochromacy



## Original Color

73.7531, 71.9348, 57.0113

## Achromatopsia

69.4303, 73.0461, 79.5472

## Achromatomaly

70.5117, 72.2387, 70.5487

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 73.7531, 71.9348, 57.0113 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, 212, 187)` looks like.

```
.text, #text, p{  
    color:rgb(255, 212, 187)  
}
```

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, 212, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 212, 187) }
```

## Border

The CSS property to change the border of an element to XYZ 73.7531, 71.9348, 57.0113 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, 212, 187) }
```



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

```
.border{ border-color:rgb(255, 212, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 212, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 212, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 212, 187);  
box-shadow:4px 4px 4px 4px rgb(255, 212,  
187) }
```

# Background

The CSS property to change the background color of an element to XYZ 73.7531, 71.9348, 57.0113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 212, 187) }
```

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

```
.background{ background-color: rgb(255,  
212, 187) }
```

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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