

# Converting Colors

XYZ(130.0600, 100.0000,  
64.6481)

Have a look what the booklet for  
XYZ(130.0600, 100.0000, 64.6481)  
contains.

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# Color

**XYZ(74.2504, 71.3387,  
62.0809)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FFD2C4
RGB	255, 210, 196
RGB Percent	100%, 82%, 77%
CMY	0.0000, 0.1764, 0.2314
CMYK	0.00, 0.18, 0.23, 0.00
HSL	14°, 100%, 88%
HSV	14°, 23%, 100%
XYZ	74.2504, 71.3387, 62.0809
YIQ	221.8590, 31.3140, 5.1860

# Conversions

## Conversions Part 2

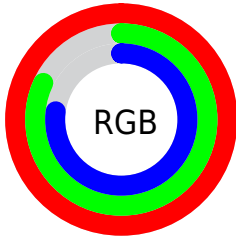
Format	Color
R <sub>Y</sub> B	255, 214, 196
Decimal	16765636
CIE Lab	87.65, 13.73, 12.86
CIE LCh	88, 18.814, 43.135
Yxy	71.3387, 0.3575, 0.3435
Android (android.graphics.Color)	4294955716 (0xFFFFD2C4)
YUV	221.8590, -12.7485, 29.0647
Hunter-Lab	84.4622, 9.1097, 15.5446

# Details

The XYZ color **74.2504, 71.3387, 62.0809** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.2693, 81.8638, 106.6000**, and the grayscale version is **69.4048, 73.0192, 79.5179**.

A 20% lighter version of the original color is **94.7296, 99.8718, 107.2129**, and **39.8925, 37.4015, 30.7078** is the 20% darker color. If you saturate the color by 10%, you get **67.0781, 61.2510, 46.5667**, and if you desaturate by 10%, it is **82.5030, 82.7970, 80.3906**.

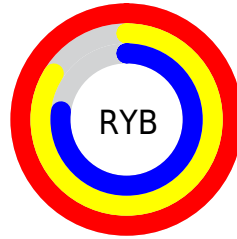
# Distribution



Red (100%)

Green (82%)

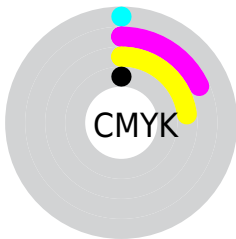
Blue (77%)



Red (100%)

Yellow (84%)

Blue (77%)

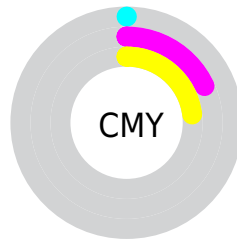


Cyan (0%)

Magenta (18%)

Yellow (23%)

Black (0%)



Cyan (0%)

Magenta (18%)


Yellow (23%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 74.2504, 71.3387, 62.0809 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 74.2504, 71.3387, 62.0809 by changing the saturation by 10% instead.




 74.2504, 71.3387,  
62.0809

 74.2504, 71.3387,  
62.0809


464.3741,  
465.2366, 450.2419

 55.2910, 52.6186,  
44.6619

124.2443,  
121.1159, 109.4152

 39.8695, 37.4984,  
30.8502


156.0095,  
152.9418, 140.1675

 27.6206, 25.5936,  
20.2273


192.7741,  
189.9051, 176.2013

 18.1788, 16.5199,  
12.3746

234.9033,  
232.3902, 217.9352

 11.1789, 9.8928,  
6.8737

282.7626,  
280.7815, 265.7876

 6.2555, 5.3279,  
3.3060

336.7172,

 3.0432, 2.4409,

335.4634, 320.1772

1.2529

397.1326,  
396.8203, 381.5225

■ 1.1766, 0.8468,  
0.0227

■ 0.0878, 0.0000,  
0.0000

■ 74.2504, 71.3387,  
62.0809

■ 74.2504, 71.3387,  
62.0809

■ 67.0781, 61.2510,  
46.5667

■ 82.5030, 82.7970,  
80.3906

■ 60.9351, 52.4726,  
33.7053

■ 91.8736, 95.6652,  
101.6200

■ 55.7740, 44.9520,  
23.3481

95.0500, 100.0000,  
108.9000

■ 51.5414, 38.6300,  
15.3299

■ 48.1784, 33.4428,  
9.4653

■ 45.6190, 29.3202,  
5.5406

■ 43.7857, 26.1833,  
3.2972

■ 42.8838, 24.5475,  
2.4779

# Harmonies

## Analogous

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



76.4940, 71.3387, 72.2333



74.2504, 71.3387, 62.0809



70.3210, 71.3387, 56.4843

# Triad

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



74.2504, 71.3387, 62.0809



59.9336, 71.3387, 70.7734



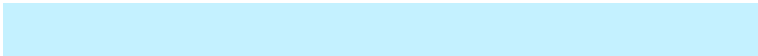
69.7705, 71.3387, 104.0994

# Complementary

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



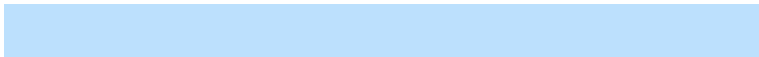
74.2504, 71.3387, 62.0809



72.2693, 81.8638, 106.6000

# 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.



65.3503, 71.3387, 103.5977



74.2504, 71.3387, 62.0809



59.8008, 71.3387, 83.3849

# Square

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



74.2504, 71.3387, 62.0809



62.1156, 71.3387, 61.1134



61.7444, 71.3387, 95.6852



73.8322, 71.3387, 96.9888



# Rectangle

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



74.2504, 71.3387, 62.0809



67.3380, 71.3387, 55.6648



61.7444, 71.3387, 95.6852



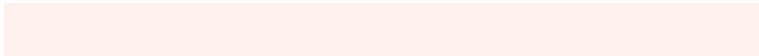
68.2748, 71.3387, 104.8366

# Sweetspot

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



74.2521, 71.3419, 62.0824



88.1180, 90.5232, 93.0641



76.8924, 67.1054, 92.3022



18.7386, 19.2079, 19.6421



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

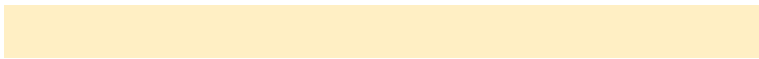
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.2521, 71.3419, 62.0824



70.6314, 66.2670, 54.1960



82.1488, 87.1351, 64.7146



18.3593, 18.6869, 18.7836



22.5024, 13.0161, 1.3263

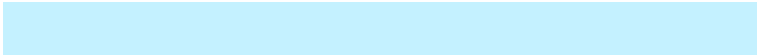


2.2708, 1.4270, 0.1558

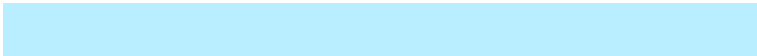


# Inverse Universe

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



72.2693, 81.8638, 106.6000



68.3110, 78.5401, 106.1671



64.2925, 65.9103, 103.9411



18.1680, 19.7076, 23.0963



19.6877, 24.2849, 53.0844



2.0007, 2.5321, 5.1966



# Previews

## White Background



This preview shows how the XYZ color 74.2504, 71.3387, 62.0809 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

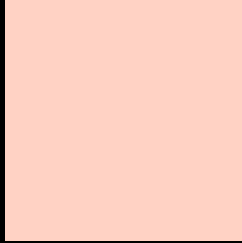
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 74.2504, 71.3387, 62.0809 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

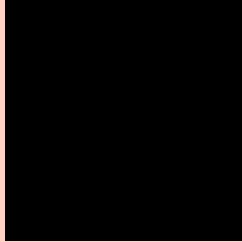
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 74.2504, 71.3387, 62.0809**

## **Background**



This preview shows how black text looks on a background with the XYZ color 74.2504, 71.3387, 62.0809.



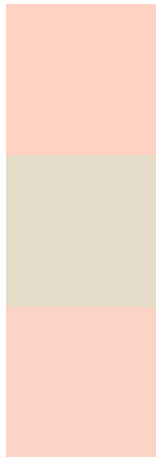
This preview shows how white text looks on a background with the XYZ color 74.2504, 71.3387,



# 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

74.2504, 71.3387, 62.0809

### Protanopia

67.8690, 71.3741, 65.4578

### Deuteranopia

72.9316, 71.3965, 62.1615



## Tritanopia

76.7376, 71.1596, 78.7979

# Trichromacy



**Original Color**

74.2504, 71.3387, 62.0809

**Protanomaly**

70.1246, 71.4124, 64.1208

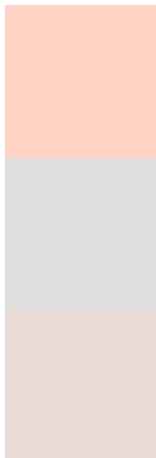
**Deuteranomaly**

73.4030, 71.2695, 62.1122

**Tritanomaly**

75.8061, 71.1758, 72.6937

# Monochromacy



**Original Color**

74.2504, 71.3387, 62.0809

**Achromatopsia**

69.4303, 73.0461, 79.5472

**Achromatomaly**

71.0133, 72.4393, 73.1902

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 74.2504, 71.3387, 62.0809 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, 210, 196)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 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(255, 210, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 196) }
```

## Border

The CSS property to change the border of an element to XYZ 74.2504, 71.3387, 62.0809 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, 210, 196) }
```



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

```
.border{ border-color:rgb(255, 210, 196) }
```

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

Here you see how a box with a 4 pixel rgb(255, 210, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 196);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
196) }
```

# Background

The CSS property to change the background color of an element to XYZ 74.2504, 71.3387, 62.0809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 210, 196) }
```

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

```
.background{ background-color: rgb(255,  
210, 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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