

# Converting Colors

XYZ(172.3015, 122.5755,  
64.9825)

Have a look what the booklet for  
XYZ(172.3015, 122.5755, 64.9825)  
contains.

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# Color

**XYZ(74.4091, 72.1972,  
60.4658)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFD4C1
RGB	255, 212, 193
RGB Percent	100%, 83%, 76%
CMY	0.0000, 0.1686, 0.2431
CMYK	0.00, 0.17, 0.24, 0.00
HSL	18°, 100%, 88%
HSV	18°, 24%, 100%
XYZ	74.4091, 72.1972, 60.4658
YIQ	222.6910, 31.7270, 3.2070

# Conversions

## Conversions Part 2

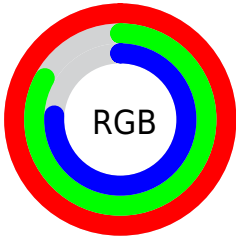
Format	Color
R <sub>Y</sub> B	255, 220, 193
Decimal	16766145
CIE Lab	88.06, 12.27, 15.03
CIE LCh	88, 19.402, 50.764
Yxy	72.1972, 0.3593, 0.3487
Android (android.graphics.Color)	4294956225 (0xFFFFD4C1)
YUV	222.6910, -14.6377, 28.3350
Hunter-Lab	84.9689, 7.6206, 17.2862

# Details

The XYZ color **74.4091, 72.1972, 60.4658** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.0369, 78.5460, 106.0773**, and the grayscale version is **70.0063, 73.6521, 80.2071**.

A 20% lighter version of the original color is **94.0989, 99.6196, 103.8915**, and **40.0059, 37.9838, 29.6492** is the 20% darker color. If you saturate the color by 10%, you get **67.6253, 62.7961, 45.3595**, and if you desaturate by 10%, it is **82.1712, 82.7693, 78.3196**.

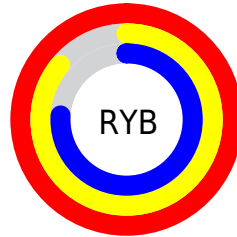
# Distribution



Red (100%)

Green (83%)

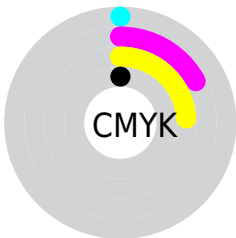
Blue (76%)



Red (100%)

Yellow (86%)

Blue (76%)

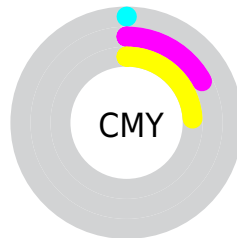


Cyan (0%)

Magenta (17%)

Yellow (24%)

Black (0%)



Cyan (0%)

Magenta (17%)


Yellow (24%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 74.4091, 72.1972, 60.4658 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 74.4091, 72.1972, 60.4658 by changing the saturation by 10% instead.




 74.4091, 72.1972,  
60.4658

 74.4091, 72.1972,  
60.4658


464.9126,  
468.2277, 444.1648

 55.4214, 53.3198,  
43.3664


 124.4680,  
122.3369, 107.0551

 39.9744, 38.0581,  
29.8392


156.2698,  
154.3679, 137.3820

 27.7027, 26.0278,  
19.4656


193.0738,  
191.5522, 172.9553

 18.2410, 16.8444,  
11.8270

235.2452,  
234.2743, 214.1934

 11.2239, 10.1236,  
6.5048

283.1495,  
282.9185, 261.5148

 6.2860, 5.4810,  
3.0807

337.1519,

 3.0621, 2.5322,

337.8692, 315.3382

1.1360

397.6178,  
399.5108, 376.0820

■ 1.1867, 0.8927,  
0.0000

■ 0.0958, 0.0000,  
0.0000

■ 74.4091, 72.1972,  
60.4658

■ 74.4091, 72.1972,  
60.4658

■ 67.6253, 62.7961,  
45.3595

■ 82.1712, 82.7693,  
78.3196

■ 61.7736, 54.5151,  
32.8585

■ 90.9444, 94.5417,  
99.0444

■ 56.8122, 47.3138,  
22.8146

95.0500, 100.0000,  
108.9000

■ 52.6935, 41.1456,  
15.0626

■ 49.3650, 35.9601,  
9.4167

■ 46.7674, 31.7019,  
5.6618

■ 44.8307, 28.3091,  
3.5349

■ 43.9762, 26.7324,  
2.8421

# Harmonies

## Analogous

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



77.2889, 72.1972, 69.9114



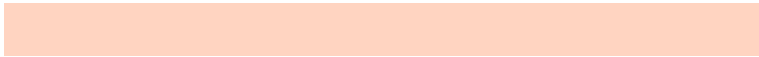
74.4091, 72.1972, 60.4658



70.0604, 72.1972, 56.0298

# Triad

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



74.4091, 72.1972, 60.4658



60.2019, 72.1972, 74.5881



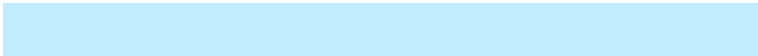
71.8269, 72.1972, 104.9489

# Complementary

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



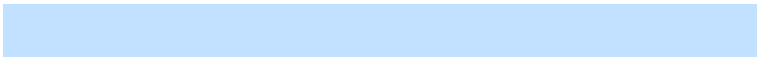
74.4091, 72.1972, 60.4658



70.0369, 78.5460, 106.0773

# 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.



67.2020, 72.1972, 106.5647



74.4091, 72.1972, 60.4658



60.6272, 72.1972, 88.0028

# Square

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



74.4091, 72.1972, 60.4658



61.9526, 72.1972, 63.5581



63.1416, 72.1972, 100.0641



75.7521, 72.1972, 95.8695



# Rectangle

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



74.4091, 72.1972, 60.4658



66.9715, 72.1972, 56.1241



63.1416, 72.1972, 100.0641



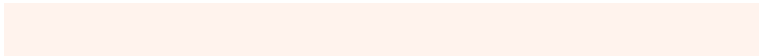
70.2979, 72.1972, 106.4200

# Sweetspot

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



74.4109, 72.2004, 60.4673



88.4855, 91.2581, 93.1866



75.5089, 65.4801, 88.3215



18.8235, 19.3777, 19.6704



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.



74.4109, 72.2004, 60.4673



71.1116, 67.6501, 53.0528



82.7969, 88.9726, 63.2626



18.4634, 18.8950, 18.8183



23.0935, 14.1983, 1.5234

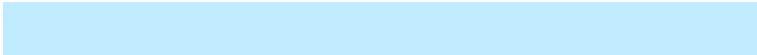


2.3403, 1.5659, 0.1789

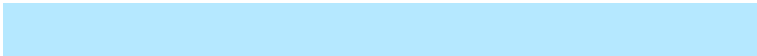


# Inverse Universe

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



70.0369, 78.5460, 106.0773



66.0679, 74.9500, 105.5924



61.9702, 62.4126, 103.3884



18.0574, 19.4865, 23.0595



17.7679, 20.4453, 52.4445

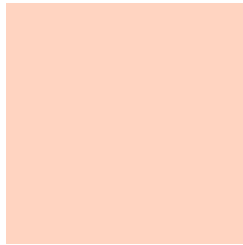


1.8268, 2.1843, 5.1386



# Previews

## White Background



This preview shows how the XYZ color 74.4091, 72.1972, 60.4658 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

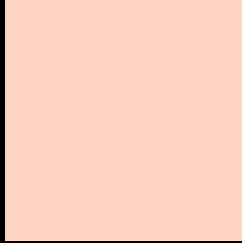
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 74.4091, 72.1972, 60.4658 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

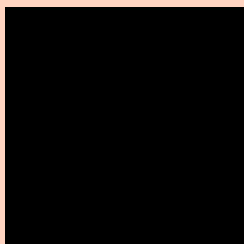
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 74.4091, 72.1972, 60.4658**

## **Background**



This preview shows how black text looks on a background with the XYZ color 74.4091, 72.1972, 60.4658.



This preview shows how white text looks on a background with the XYZ color 74.4091, 72.1972,

60.4658.

# 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

74.4091, 72.1972, 60.4658

### Protanopia

68.6262, 72.2065, 63.1436

### Deuteranopia

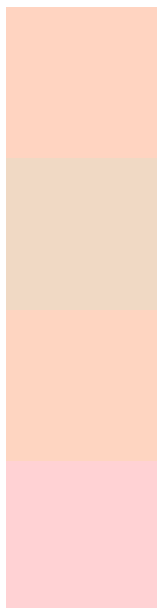
73.9279, 72.3214, 60.5151



## Tritanopia

77.3597, 72.1886, 79.6685

# Trichromacy



## Original Color

74.4091, 72.1972, 60.4658

## Protanomaly

70.7118, 72.1365, 62.4214

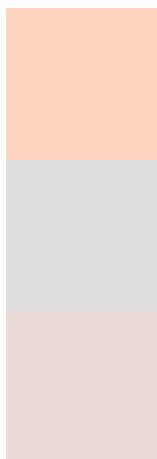
## Deuteranomaly

74.2929, 72.5096, 60.5322

## Tritanomaly

76.1703, 72.1067, 72.1907

# Monochromacy



## Original Color

74.4091, 72.1972, 60.4658

## Achromatopsia

70.1384, 73.7910, 80.3584

## Achromatomaly

71.4761, 73.0787, 72.6258

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 74.4091, 72.1972, 60.4658 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, 193)` looks like.

```
.text, #text, p{  
    color:rgb(255, 212, 193)  
}
```

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, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 212, 193) }
```

## Border

The CSS property to change the border of an element to XYZ 74.4091, 72.1972, 60.4658 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, 193) }
```



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

```
.border{ border-color:rgb(255, 212, 193) }
```

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, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 212, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 212, 193);  
box-shadow:4px 4px 4px 4px rgb(255, 212,  
193) }
```

# Background

The CSS property to change the background color of an element to XYZ 74.4091, 72.1972, 60.4658 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, 193) }
```

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

```
.background{ background-color: rgb(255,  
212, 193) }
```

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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