

# Converting Colors

XYZ(76.3445, 73.0354, 70.4600)

Have a look what the booklet for  
XYZ(76.3445, 73.0354, 70.4600)  
contains.

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# Color

**XYZ(76.2921, 72.9504,  
70.3814)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFD4D1
RGB	255, 212, 209
RGB Percent	100%, 83%, 82%
CMY	0.0000, 0.1686, 0.1804
CMYK	0.00, 0.17, 0.18, 0.00
HSL	4°, 100%, 91%
HSV	4°, 18%, 100%
XYZ	76.2921, 72.9504, 70.3814
YIQ	224.5150, 26.5910, 8.1830

# Conversions

## Conversions Part 2

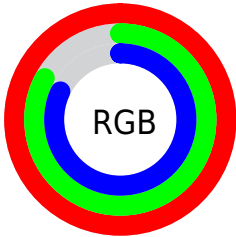
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 212, 209
Decimal	16766161
CIE Lab	88.42, 14.57, 7.11
CIE LCh	88, 16.216, 26.022
Yxy	72.9504, 0.3474, 0.3322
Android (android.graphics.Color)	4294956241 (0xFFFFD4D1)
YUV	224.5150, -7.6489, 26.7353
Hunter-Lab	85.4110, 9.9732, 10.9308

# Details

The XYZ color **76.2921, 72.9504, 70.3814** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.1539, 90.3934, 107.8836**, and the grayscale version is **71.2613, 74.9724, 81.6449**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.2621, 38.4863, 36.2642** is the 20% darker color. If you saturate the color by 10%, you get **67.8595, 60.7397, 53.2213**, and if you desaturate by 10%, it is **86.1130, 87.1285, 90.4990**.

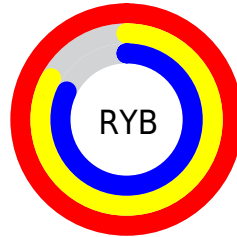
# Distribution



Red (100%)

Green (83%)

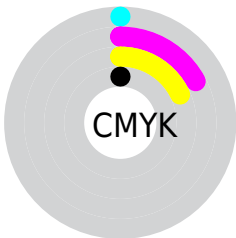
Blue (82%)



Red (100%)

Yellow (83%)

Blue (82%)

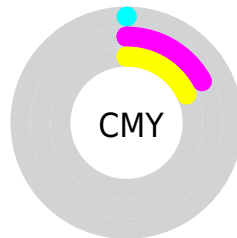


Cyan (0%)

Magenta (17%)

Yellow (18%)

Black (0%)



Cyan (0%)

Magenta (17%)


Yellow (18%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 76.2921, 72.9504, 70.3814 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 76.2921, 72.9504, 70.3814 by changing the saturation by 10% instead.




 76.2921, 72.9504,  
70.3814

 76.2921, 72.9504,  
70.3814


471.2761,  
470.8429, 480.7133

 56.9700, 53.9354,  
51.3588


127.1179,  
123.4068, 121.4387

 41.2212, 38.5500,  
36.1155


159.3522,  
155.6170, 154.3105

 28.6804, 26.4099,  
24.2330


196.6213,  
192.9944, 192.6358

 18.9822, 17.1305,  
15.2928

239.2906,  
235.9233, 236.8331

 11.7614, 10.3276,  
8.8762

287.7253,  
284.7883, 287.3209

 6.6524, 5.6167,  
4.5648

342.2909,

 3.2901, 2.6134,

339.9736, 344.5179

1.9400

403.3527,  
401.8636, 408.8425

■ 1.3090, 0.9334,  
0.5180

■ 0.1899, 0.0000,  
0.0000

■ 76.2921, 72.9504,  
70.3814

■ 76.2921, 72.9504,  
70.3814

■ 67.8595, 60.7397,  
53.2213

■ 86.1130, 87.1285,  
90.4990

■ 60.7476, 50.4005,  
38.8750

95.0500, 100.0000,  
108.9000

■ 54.8910, 41.8433,  
27.1936

■ 50.2167, 34.9671,  
18.0130

■ 46.6439, 29.6613,  
11.1503

■ 44.0820, 25.8018,  
6.3984

■ 42.4255, 23.2458,  
3.5130

■ 41.5417, 21.8196,  
2.1657

■ 41.4352, 21.6503,  
1.9951

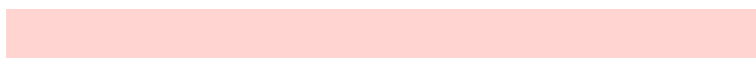
# Harmonies

## Analogous

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



77.0853, 72.9504, 80.9287



76.2921, 72.9504, 70.3814



73.6104, 72.9504, 62.9284

# Triad

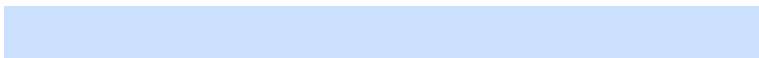
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.2921, 72.9504, 70.3814



63.3063, 72.9504, 68.0292



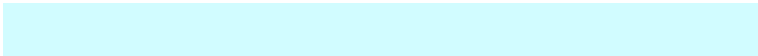
68.8186, 72.9504, 102.8235

# Complementary

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



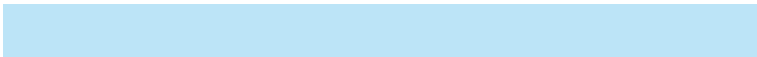
76.2921, 72.9504, 70.3814



79.1539, 90.3934, 107.8836

# 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.



65.2326, 72.9504, 98.5915



76.2921, 72.9504, 70.3814



62.1264, 72.9504, 77.9511

# Square

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



76.2921, 72.9504, 70.3814



66.1009, 72.9504, 61.6623



62.8183, 72.9504, 89.2240



72.6773, 72.9504, 100.3210



# Rectangle

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



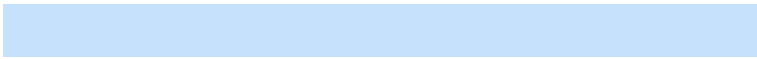
76.2921, 72.9504, 70.3814



71.1631, 72.9504, 60.3704



62.8183, 72.9504, 89.2240



67.5427, 72.9504, 102.1316

# Sweetspot

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



76.2938, 72.9536, 70.3829



89.3800, 91.8366, 97.2168



81.7227, 73.9344, 102.6417



18.9667, 19.4202, 20.4704



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

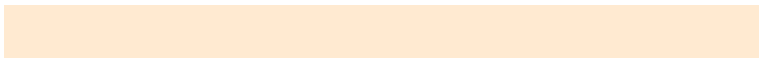
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.2938, 72.9536, 70.3829



72.7904, 67.8853, 63.2387



82.2573, 84.8805, 72.3707



18.1046, 18.1774, 18.6987



21.6863, 11.3839, 1.0543



2.1433, 1.1720, 0.1133

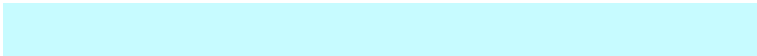


# Inverse Universe

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



79.1539, 90.3934, 107.8836



76.1788, 88.5526, 107.6851



72.5586, 77.2028, 105.6851



18.4473, 20.2662, 23.1894



25.5031, 35.9157, 55.0229

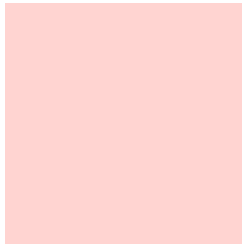


2.5126, 3.5558, 5.3672



# Previews

## White Background



This preview shows how the XYZ color 76.2921, 72.9504, 70.3814 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

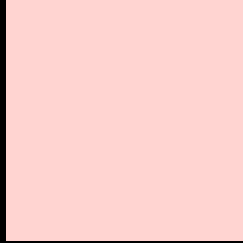
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 76.2921, 72.9504, 70.3814 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

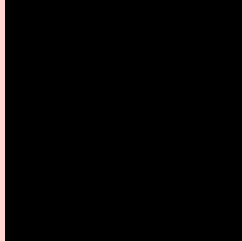
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 76.2921, 72.9504, 70.3814

## Background



This preview shows how black text looks on a background with the XYZ color 76.2921, 72.9504, 70.3814.



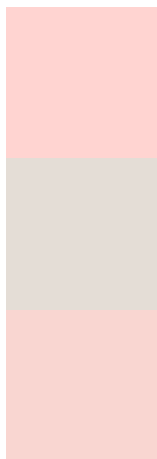
This preview shows how white text looks on a background with the XYZ color 76.2921, 72.9504,

70.3814.

# 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

76.2921, 72.9504, 70.3814

### Protanopia

69.9890, 73.0619, 74.0319

### Deuteranopia

74.6221, 72.8363, 70.4474



## Tritanopia

77.8772, 72.7894, 81.1794

# Trichromacy



## Original Color

76.2921, 72.9504, 70.3814

## Protanomaly

72.2150, 73.0734, 72.5858

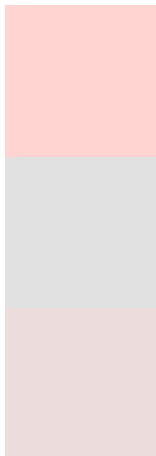
## Deuteranomaly

75.0865, 72.7012, 70.3968

## Tritanomaly

77.3204, 72.9630, 77.0259

# Monochromacy



## Original Color

76.2921, 72.9504, 70.3814

## Achromatopsia

71.5672, 75.2942, 81.9954

## Achromatomaly

72.9715, 74.1337, 77.4811

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 76.2921, 72.9504, 70.3814 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, 209)` looks like.

```
.text, #text, p{  
    color:rgb(255, 212, 209)  
}
```

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, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 212, 209) }
```

## Border

The CSS property to change the border of an element to XYZ 76.2921, 72.9504, 70.3814 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, 209) }
```



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

```
.border{ border-color:rgb(255, 212, 209) }
```

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, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 212, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 212, 209);  
box-shadow:4px 4px 4px 4px rgb(255, 212,  
209) }
```

# Background

The CSS property to change the background color of an element to XYZ 76.2921, 72.9504, 70.3814 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, 209) }
```

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

```
.background{ background-color: rgb(255,  
212, 209) }
```

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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